APPENDIX P

Integrated Water Management Plan,
Mariposa Lakes Development

INTEGRATED WATER MANAGEMENT PLAN
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

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File No. 63138.H01
April 7, 2006

Mr. Gerry N. Kamilos
PCCP Mariposa Lakes, LLC
11249 Gold Country Boulevard
Gold River, CA 95670

Subject: **Integrated Water Management Plan**
Mariposa Lakes Development
Stockton, California

Dear Mr. Kamilos:

In accordance with your request and authorization, Kleinfelder has prepared the Integrated Water Management Plan for the above-referenced project site.

If there are any questions, or if we may be of any further assistance, please do not hesitate to contact us at (559) 486-0750 or (209) 948-1345.

Respectfully submitted,

KLEINFELDER, INC.

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INTEGRATED WATER MANAGEMENT PLAN
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

April 7, 2006

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A Report Prepared for:

PCCP Mariposa Lakes, LLC
11249 Gold Country Boulevard
Gold River, CA 95670

INTEGRATED WATER MANAGEMENT PLAN
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

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Appendix – Hydrogeologic Investigation Report, Mariposa Lakes Development, Kleinfelder, Inc., April 2006

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1 EXECUTIVE SUMMARY

PCCP Mariposa Lakes, LLC proposes to develop 3,810 acres near the City of Stockton in San Joaquin County, California with a variety of land uses, including residential, educational, recreational, commercial, and industrial. Consistent with its commitment to environmental stewardship, the developer intends to establish and maintain a plan for sustainable water usage for the project, known as the "Mariposa Lakes Development." To that end, this Integrated Water Management Plan (IWMP) describes the means and methods for managing the development's water supply, focusing upon minimizing dependence on groundwater and supplies from the City of Stockton and the California Water Services Company (Cal Water).

This IWMP addresses the use and management of water for the development, emphasizing conservation, re-use and good management practices. This conceptual version of the IWMP will be followed by two additional versions. The next version will be the planning level version, and will include sufficient information to allow for facilities level planning. The final version of the IWMP will be the operations level plan, and will provide information sufficient for the operations and maintenance of the water systems on site.

Several additional assessments are necessary to complete the planning-level IWMP for the project. These additional assessments will either explore the feasibility of specific operational components of the project (e.g. groundwater recharging operations), or be focused on providing information to support an existing plan (e.g. facility specific water conservation plan).

This report is subject to the "Limitations" presented in Chapter 10. Any other party (other than PCCP Mariposa Lakes, LLC or regulatory agencies having enforcement jurisdiction for the site) who would like to use this document shall notify Kleinfelder of such intended use in writing requesting permission to do so.

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2 PROJECT DESCRIPTION AND SITE BACKGROUND

The proposed Mariposa Lakes development is a 3,810-acre project located in San Joaquin County east of State Route 99 and south of State Route 4 (Farmington Road) on the eastern border of the City of Stockton. Kaiser Road and Mariposa Road border the development on the east and south, respectively.

A variety of land use types are planned, including residential, educational, parks and recreation, commercial, and industrial. The development will contain 14 man-made lakes, two renaturalized creeks, stormwater detention ponds, an area dedicated to Delta College, and an Amtrak Station. The water features will be used for storm water management, recreation, irrigation, and possibly groundwater recharge.

The project site receives runoff from two significant offsite drainage areas (Duck Creek and Littlejohns Creek) and discharges runoff to Duck and Branch Creeks.

Rain gages in the Duck Creek/Littlejohns Creek areas record yearly average rainfalls ranging form 9.25 to 18.99 inches for the period 1988 to 2005 (Pace, 2005).

The primary use of the site has been agricultural. The primary source of irrigation water has historically been groundwater, obtained from several on-site wells. Some surface water has been obtained from Duck Creek by at least one of the farmers.

Historical Water Demand

The historical water demand, based upon readily available records and reported usages, has been approximately 3 acre-feet per acre (personal communication, Dan Casey, The Verner Group), with an annual use of slightly less than 12,000 acre-feet. Groundwater has supplied most of this demand. The County of San Joaquin Water Conservation District contributes between 400 and 600 acre-feet per year, when the water is available.

Hydrogeology

The safe yield for aquifers underlying the South Stockton area is estimated to be 0.75 acre-feet of water per acre-foot of land (West Yost, 1998). With respect to the Mariposa Lakes project, this suggests that there are approximately 2,857 acre-feet of water available, before exceeding the safe yield of the aquifer.

Groundwater in the South Stockton area is estimated at depths of 20 feet in the west to more than 80 feet to the east. The regional groundwater flow direction in the South Stockton area is generally to the northeast, but groundwater pumping may affect flow directions locally (West Yost, 2004).

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The shallower groundwater in the area has historically been considered to be of poorer quality than the deeper groundwater. To establish baseline groundwater conditions beneath the development site, Kleinfelder installed and sampled eight monitoring wells in the upper most aquifer, drilled and lithologically and geophysically logged a 400-foot deep soil boring, and sampled groundwater from various depths in the boring.

During Kleinfelder's field investigation, groundwater was encountered at depths between 75 and 85 feet below ground surface (bgs) (Appendix A). Water depths measured in the completed monitoring wells ranged from approximately 79 to 90 feet bgs.

On the basis of this investigation, Kleinfelder found that the water quality in monitoring wells MW-1, and MW-7, -8 and -9 is generally good. However, elevated concentrations of nitrate, sulfate, chloride, sodium, iron, calcium, and low concentrations of organic chemicals were reported from groundwater sampled from the shallower depths beneath the site (e.g., MW-2, -4, and –6).

The water quality in the three depth zones of the deep boring is generally good, with the exception that nitrate as NO_3 was detected in the sample from the shallowest of the three zones (163 to 183 feet bgs).

Existing Groundwater Issues

Regionally, groundwater in the Stockton area is threatened by saline-water intrusion, overdraft, and urban impacts.

A saline front, identified on the basis of a groundwater chloride concentration of 300 milligrams per liter, is moving east at rates between approximately 150 and 350 feet per year. (West Yost, 2004; Eastern San Joaquin County Groundwater Recharge Banking Groundwater Master Plan, 2004).

The City's groundwater extraction rates are within the recommended estimated perennial yield of 0.75 acre-feet/acre/year. However, because the use of groundwater in the South Stockton area increased significantly and water levels in wells are significantly lower than they were 30 to 40 years ago, pumping of private wells continues, and the threat of saline intrusion persists, the potential for overdraft is a concern.

The Austin Road Landfill is located on the southeastern side of the South Stockton area, approximately 5,250 feet south of the Mariposa Lakes development site. Volatile organic compounds (VOCs) were detected in groundwater beneath and north of the Landfill. In 1994, groundwater treatment was initiated to remove the VOCs. As of 2004, VOCs had not been detected in City wells and the VOC plume extended approximately 2,500 feet northeast of the Landfill (approximately 2,750 feet south of the proposed development site).

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Integrated Water Management Plan

The IWMP will present and discuss the water demands and supplies for the Mariposa Lakes development, the sources of these waters, and the means and methods for managing these waters.

Integral to the management of the water are the following discussions of the planned water infrastructure, potable and non-potable water demands and sources, groundwater monitoring, and conservation planning.

Infrastructure

The proposed Cal Water system infrastructure includes three connections to existing Cal Water mains, one new well, one 10.2 million-gallon (MG) storage facility, and a network of water transmission and distribution piping. The proposed City of Stockton system infrastructure includes two connections to an existing City of Stockton water main, one new well, one 9 MG storage facility, and a network of water transmission and distribution piping.

A 16-inch diameter transmission pipeline will be designed to convey water from the City of Stockton connection point west of State Route 99 to the Mariposa Lakes development. Additional 16-inch and 12-inch diameter transmission and distribution piping will be used to move water through the development from the Cal Water connection points and all of the new wells. The piping will be located in the rights-of-way of transportation corridors to be established as development progresses.

Two emergency interconnections between the water systems are planned. Assuming construction will be consistent with existing interconnections in Stockton, the interconnections will be constructed in concrete vaults with two-way flow meters, gate valves, and blow-offs.

As required by the City of Stockton, the Mariposa Lakes water systems will be designed with sufficient storage capacity to provide water during power failures, system disruptions, and firefighting (i.e., at least 25 percent of average day demands plus 25 percent of the estimated two-hour average fire flow).

Two storage tank sites are planned for the development, one each in the areas to be served by Cal Water and the City. The storage tanks will either be constructed near booster pump stations or elevated. A more detailed description of the planned potable water infrastructure is presented in the Stantec (2005) report.

The project will include a storm water management system consisting of man-made lakes and detention basins to capture and detain runoff from the site to provide storm water quality treatment and regulate flows leaving the site (PACE, 2005). These water features will also be used for temporary storage and re-use of runoff for irrigation

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purposes and lake level management, and may be used for groundwater recharging operations.

Potable Water Sources and Anticipated Demand

The potable water demand for the development is 8,578 acre-feet per year (Stantec, 2006). Potable water will be provided to the Mariposa Lakes development by the City of Stockton and Cal Water. Cal Water will serve the northeastern areas of the development and the southeastern areas of the development will be served by the City of Stockton. More detailed descriptions are available in Thompson-Hysell (2005) and Stantec (2005) report.

The total project demand for potable and non-potable water to supply the development is approximately 13,393 acre-feet per year and the total anticipated supply is 9,612 acre-feet per year. The projected 3,781 deficit will need to be made up from additional sources, such as purchasing surface water for groundwater banking.

Assuming the current layout of the proposed Mariposa Lakes development, the Cal Water system peak day water demand will be 8.5 MG and the City of Stockton peak day water demand will be 7.3 MG. Potable water will be used for consumption and private residential irrigation.

The City of Stockton and Cal Water will meet the potable water demand through a variety of sources, both groundwater and surface water, in compliance with the requirements of the Water Supply Assessments (WSAs) outlined in Senate Bill 221 and 610. The City and Cal Water are preparing the WSAs, which will describe the sources that will be used to supply water to the facility.

Non-Potable Water Sources and Anticipated Demand

The anticipated annual demand for water to support non-residential irrigation is 3,250 acre feet (Randall and Associates, 2006). Non-residential irrigation includes parks, school sports fields, road sections, industrial green spaces, and high-occupancy residential green spaces.

Proposed non-potable water sources are precipitation, dry and wet season runoff, and purchased surface water. A combination of sources will likely be used, with the combinations based upon proximities to the lakes (where non-potable water will be stored), efforts required to transport the source water, and availabilities. Off-site sources of non-potable water include the Stockton East Irrigation District and the Central San Joaquin Irrigation District.

Non-potable water will be retained in the on-site lakes to maintain lake levels, as a source of irrigation water, and may be used for groundwater recharge.

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Project planning will include assessing means by which rainfall and storm water runoff can be captured and diverted into the lakes from Duck and Littlejohns Creeks such that it enters at higher elevation lakes and flows so that levels are balanced among the lower elevation lakes.

Groundwater Monitoring

Groundwater depths and chemistry may be monitored quarterly or more frequently before grading for pre-construction begins to establish seasonal patterns. Monitoring will continue during construction, through build-out and thereafter on a schedule that will be determined on the basis of existing monitoring results and the estimated potential for site activities at any given time to impact groundwater. Monitoring results will be reported to the appropriate agencies.

A goal of continued groundwater monitoring will be to detect first signs of atypical changes in water chemistry, if any, and to allow for prompt mitigative response actions, if necessary. Specific mitigations for possible groundwater conditions will be discussed in the EIR.

Water Conservation Plan

The Water Conservation Plan (WCP) will identify the potential water use savings that can be realized by adopting conservative water use programs. Water conservation measures that may be considered are consistent with the City's existing conservation measures, and include low-flow and ultra-low flow fixtures in residences and businesses; and non-traditional means and sources of residential, commercial and public landscape irrigation.

Benefits of the Integrated Water Management Program

A major benefit of the IWMP is that it emphasizes re-use and conservation. An important element of the Plan's approach is that it incorporates artificial, or induced, groundwater recharge as a means for adding to and enhancing groundwater resources beneath the site. Artificial recharge can improve water quality by diluting existing groundwater contaminants, if present; and by creating groundwater mounds to reverse groundwater flow directions and reduce the potential for on-site migration of contaminants or salt water. Artificial recharge can also be used as a means for storing excess runoff or purchased surface water, reducing demands on the natural groundwater supply.

Off-site acreage may be purchased and used for recharge, offsetting all or a portion of the recharge areas that will be lost through hardscaping for the development.

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3 IWMP PURPOSES AND OBJECTIVES

Consistent with its commitment to environmental stewardship, the developer intends to establish and make available a plan for sustainable water usage for the project, known as the "Mariposa Lakes Development." To that end, this IWMP describes the means and methods for managing the development's water supply, focusing upon minimizing dependence on groundwater and on supplies from the City of Stockton and the California Water Services Company.

The IWMP addresses the use and management of all water for the development, emphasizing conservation, re-use and good management practices. The primary objectives for the project follow:

- Minimize or the magnitude of the potable water demand the project places upon the City of Stockton and Cal Water supply systems.
- Adopt water conservation methods that will aid in reducing potable and non-potable water demands.
- Emphasize meeting non-potable water demands for irrigation with readily available surface water supplies.
- Emphasize meeting non-potable water demands for lake make-up water with readily available surface water supplies.
- Function consistent with the City of Stockton and Cal Water AB610 and AB221.
- Strive for an active groundwater recharging operation.

The IWMP addresses the following:

- Infrastructure: Describes the physical features of the systems that will be used for capturing, containing and conveying water. These features include lakes, ponds, pipelines, wells, and storage tanks.
- Project Water Demands: Provides potable and non-potable water demand projections for the development. Potable water will be used for consumption and private residential irrigation. Non-potable water will be used for industrial, commercial, and other public and quasi-public landscaped areas, and for maintaining water levels in the lakes. Non-potable water may also be used to recharge the groundwater aquifer, providing a storage bank of water that can be used for selected purposes.
- Regional Groundwater Management Issues: Describes issues of concern related to the regional groundwater supply and quality. Specifically, these issues are

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groundwater overdraft, salt-water intrusion and a volatile organic chemical contaminant plume that is present beneath the southeastern portion of the South Stockton area.

- Existing Groundwater Usage: Presents baseline information related to existing groundwater demand and usage in the proposed development area.
- Water Supply Inventory, Availability and Delivery Parameters: Describes known sources of water for the site, and issues that will need to be considered for facilitating delivery to the site.
- Project Water Conservation Plan: The developer is committed to conservation and reuse of water resources at the proposed development. The Project Water Conservation Plan section of this IWMP briefly outlines the minimum measures that will be adopted to conserve water and reduce the development's reliance upon groundwater resources.
- Project Non-Potable Water Plan: Summarizes management issues related to acquiring non-potable water and maintaining its quality, and the benefits of the non-potable water plan, including reducing reliance upon groundwater resources to supply the development water demands.

3.1 PROPOSED LAND USES

The proposed project site is primarily agricultural, with much of the land planted in nut and fruit orchards. Planned land uses for the development are residential, educational, parks and recreation, commercial, and industrial. The development will contain 14 man-made lakes, two renaturalized creeks, numerous stormwater detention ponds, an area dedicated to Delta College, and an Amtrak Station. The water features will be used for storm water management, recreation, and irrigation. Additionally, the feasibility of using water features for groundwater recharge is currently being assessed.

3.2 REGIONAL GROUNDWATER MANAGEMENT ISSUES

Discussions of groundwater management issues presented below are from West Yost, 2004.

3.2.1. Groundwater Overdraft

The City's groundwater extraction rates are within the recommended estimated perennial yield of 0.75 acre-feet/acre/year. However, because the use of groundwater in the South Stockton area increased significantly and water levels in wells are significantly lower than they were 30 to 40 years ago, pumping of private wells

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continues, and the threat of saline intrusion persists, the potential for overdraft is a concern.

3.2.2. Saltwater Intrusion, Location and Direction of Front

A saline front, identified on the basis of a groundwater chloride concentration of 300 milligrams per liter (mg/L), was found to be moving east at a rate of approximately 350 feet per year between 1980 and 1998. As of 1996, the front had not yet reached Highway 99. The saline front is currently moving at rates between 150 and 350 feet per year. (West Yost, 2004; Eastern San Joaquin County Groundwater Recharge Banking Groundwater Master Plan, 2004).

3.2.3 Austin Road Landfill

The Austin Road Landfill is located on the southeastern side of the South Stockton area, approximately 5,250 feet south of the Mariposa Lakes Development site. Volatile organic compounds (VOCs) were detected in groundwater beneath and north of the Landfill. In 1994, groundwater treatment was initiated to remove the VOCs. As of 2004, VOCs had not been detected in City wells and the VOC plume extended approximately 2,500 feet northeast of the Landfill (approximately 2,750 feet south of the proposed development site).

3.3 PROPOSED WATER INFRASTRUCTURE

The proposed water infrastructure for the Mariposa Lakes Development is described in "Mariposa Lakes Development, Preliminary Study on Water Service" (Stantec, 2006) and summarized below. Current distribution system maps and project plans are presented in Thompson-Hysell (2005) and Stantec (2006). The following discussion does not include the sanitary sewer infrastructure, because wastewater from that system will not return to the water distribution system.

3.3.1 Stormwater Treatment BMPs and NPDES Stormwater Permit Compliance

Mariposa Lakes development will comply with applicable provisions of the City of Stockton's Stormwater Quality Control Criteria Plan. As specified in the Plan's requirements for residential developments, the project's water quality control measures will include General Site Design, Site Specific and Treatment Control Measures. A site specific Stormwater Management Plan, suitable for supporting a permit request, is currently being developed for the site.

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3.3.2. Potable Water System

Potable water will be provided to the Mariposa Lakes Development by the City of Stockton and Cal Water. Cal Water will serve the northeastern areas of the development and the City will serve the southeastern areas of the development (Stantec, 2006; Thompson-Hysell, 2005).

In accordance with requirements of the City of Stockton, the Mariposa Lakes water systems will be designed with sufficient storage capacity to provide water during power failures, system disruptions, and firefighting (i.e., at least 25 percent of average day demands plus 25 percent of the estimated two-hour average fire flow).

The proposed Cal Water system infrastructure includes three connections to existing Cal Water mains, one new well, one 10.2 MG storage facility, and a network of water transmission and distribution piping (Stantec, 2006). The proposed City of Stockton system infrastructure includes two connections to the City's water distribution system, one new well, one 9 MG storage facility, and a network of water transmission and distribution piping (ibid.). Pipelines will be located in the rights-of-way of transportation corridors that will be established as development progresses. The storage tanks will either be constructed near booster pump stations or elevated.

Sixteen-inch diameter transmission pipelines will convey water from the City of Stockton connection points to the Mariposa Lakes Development. The new well, which will have a pumping capacity of approximately 1,000 gallons per minute (GPM), will be located near the northeast corner of the City service area within the development (Stantec, 2006).

Additional 16-inch and 12-inch diameter transmission and distribution pipelines will convey water from Cal Water connection points to the development. The new well, which will have a pumping capacity of approximately 920 GPM, will be located near the northeast corner of the Cal Water service area within the development (Stantec, 2006).

Two emergency interconnections between the Cal Water and City water transmission lines are planned (Stantec, 2006). Assuming similar construction to Stockton's existing interconnections, they will be constructed in concrete vaults with two-way flow meters, gate valves, and blow-offs.

3.3.3. Storm Drainage and Lake System

Descriptions of storm water management features presented below are from Pace, March 2006.

Stormwater facilities at the development will consist of 14 manmade lakes arranged in 3 lake networks, 2 re-naturalized creeks, and numerous stormwater detention basins. The lakes will provide storage for non-residential irrigation water, and both the lakes and detention ponds will serve as stormwater treatment facilities. The creeks will serve to

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enhance floodwater conveyance, convey runoff across the site, and provide wildlife habitat.

The creeks will be capable of conveying runoff from 100-year, 24-hour duration rainfall events. The lakes and detention basins will be capable of detaining and conveying runoff from two, 100-year, 24-hour rainfall events occurring 24 hours apart. Vectors will be controlled through physical and chemical means.

The creek restorations will not increase the volume or timing of flows passing through the site.

The manmade lakes will be centrally located within residential portions of the development, and connected to each other through a system of overflow weirs, weir boxes, open channels and underground conduits. The lake networks will be arranged such that water from upper lakes cascades into lower lakes and finally discharges into either Duck Creek, Branch Creek or North Littlejohns Creek, depending upon the lake network location. Pumping facilities will be added to increase operational flexibility. The pump stations will provide a range of GPM flows to respond to varying demands of the irrigation system, and water pressures will be maintained at appropriate levels.

Water will be pumped from the lakes into a purple-pipe distribution system to deliver it to irrigation systems throughout the development.

Dry weather flows ("nuisance flows") will be captured and retained within the lakes. The lakes will be designed to capture and then slowly release stormwater runoff equal to the Stormwater Quality Design Volume, as described in the Stockton Stormwater Quality Control Plan. During rain events, runoff will enter the lakes, and the first volume to enter the lakes will be retained and slowly discharged over 48-hour periods. Larger volumes of runoff occurring after the first runoff will be discharged downstream into one of the three creeks named above.

Stormwater runoff treatment will be accomplished by a series of systems that include stormwater treatment wetlands, in-lake circulation, bio-filters, aeration, and wetland planters. Runoff water quality will also be improved when the runoff enters the lakes and is diluted by the cleaner lake water.

The lakes will be constructed with features designed to reduce risks related to falling into, or being unable to exit the water. Safety features include roughened concrete shorelines and a gently sloping (4:1) bottom.

Detention ponds will be located in the industrial and some of the commercial portions of the development. The ponds will provide stormwater treatment, floodwater detention, and may serve as groundwater recharge basins. The ponds will be capable of capturing and detaining runoff from a 100-year, 24-hour rainfall event. The ponds will be designed so that water can be discharged, either by pumping or gravity, and freeboard can be restored within 24 hours after such a rainfall event.

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The pond sites will be designed to accommodate recreational activities that are compatible with the pond functions.

Stormwater in the ponds will be treated to meet or exceed applicable National Pollutant Discharge Elimination System (NPDES) stormwater treatment requirements. Treatment will be accomplished by maintaining permanent pools that will collect and slowly release runoff. To maintain permanent pools, the ponds may be partially lined. During dry seasons, nuisance runoff will provide some of the water necessary to maintain the pools, but an additional source of water will also be needed.

Some of the ponds may be designed to serve as groundwater recharge basins. These ponds would be unlined, and may contain water treatment enhancements such as sediment forebays, aeration and wetland benches. Ponds used for recharge would be drained periodically to perform bottom maintenance to maintain permeability.

3.3.4. Non-Potable Water System

On-site irrigation of residential, commercial, quasi-public, and public spaces will be accomplished using non-potable water. Non-potable water will be retained in the on-site lakes to maintain lake level and as a source of irrigation water, and may be stored in either on-site or off-site ponds for future irrigation or groundwater recharging operations.

Non-potable water will likely be conveyed to the site from sources upstream of the development via either Duck Creek or Littlejohns Creek. Once this non-potable water arrives at the development, the water will be distributed according to a use schedule. The use schedule will determine how much water will be diverted where and for what purpose, e.g. 350 acre-feet will be diverted to the lakes for lake-level management and irrigation, and 150 acre-feet will be diverted to detention ponds for groundwater recharging operations.

A management plan for non-potable water is currently being developed. The plan will present and discuss such issues as off-site sources, conveyance methods, delivery and use schedules, and groundwater quality monitoring.

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3.4 PROJECT WATER DEMANDS

As shown on the following Text Table 1, the total project demand for potable and non-potable water to supply the development is approximately 13,393 acre-feet per year and the total anticipated supply is 9,612 acre-feet per year. The projected 3,781 acre-feet-per-year deficit will need to be made up from additional sources, such as purchasing surface water for groundwater banking.

Text Table 1
Project Water Demand and Supply (acre-feet per year)

Description	Demand	Supply	Difference
Potable Water			
Residential-low/medium	5061		
Residential-high	422		
Commercial	173		
Industrial	1268		
Educational, General	336		
Delta College	41		
Parks and Recreation	1279		
Potable Water, Total	8578	8578	0
Irrigation Water			
Public Parks	921		
Pocket Parks	92		
School Sports	143		
Road Sections	424		
Industrial Green Space	986		
HOA Res. Green Space	685		
Lake Water			
Evaporation	1565		
Irrigation	3250*		
Rainfall		234	
Storm Runoff		601	
Nuisance runoff		199	
Non-Potable, Total	4815	1034	
TOTAL WATER DEMAND	13393	9612	-3,781 (deficit)

* = Total Irrigation Water

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3.4.1 Potable Water Demands

Stantec (2006) projected the potable water demands (including private residential irrigation and exclusive of non-residential irrigation) on the basis of proposed land uses. Potable water demands are presented in the following Text Table 2 and discussed in the following sections.

Text Table 2
Potable Water Demands

Land Use	Annual Demand (acre-ft./acre)	Max Day Demand to be met by Cal Water (MGD)	Max Day Demand to be met by City (MGD)	Max Day Demand Total (MGD)
Residential	7.6	4.94	5.34	10.2[a]
Commercial (incl. Amtrak)	1.5	0.10	0.22	0.30
Industrial	1.5	1.86	0.40	2.26
Educational (General and Delta College)	4.0	0.40	0.31	0.71
Parks and Recreation	3.0	1.24	1.04	2.28
Totals	17.6	8.54	7.31	15.8

Source: Stantec, 2006, Table 1
a. The proportions of the potable water demand that will serve consumptive and private residential irrigation needs have not been determined as of this IWMP date.

The total potable water demand for the development is approximately 8,578 acre-feet per year. The estimated total maximum daily demand for potable water is 15.8 MGD. The estimated total maximum daily demands for areas to be served by Cal Water and the City are approximately 8.5 MGD and 7.3 MGD, respectively. Water supplied by Cal Water and the City will not be used to fill lakes or maintain lake water levels.

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3.4.2 Non-Potable Water Demands

Non-Residential Irrigation Demands

Non-residential irrigation demands are public and private (high occupancy area [HOA]) parks, school sports fields, road sections, industrial green space, and HOA residential green space. As shown in the following Text Table 3, the estimated annual non-residential irrigation demand is 3,251 acre-feet.

Text Table 3
Annual Non-Residential Irrigation Demand

Land Use	Acres	Gallons per Year	Acre-feet per Year
Public Parks	226	300,089,240	921
Pocket Parks	20	30,054,044	92
School Sports	35	46,473,980	143
Road Sections	104	138,094,112	424
Industrial Green Space	242	321,224,376	986
HOA Res. Green Space	168	223,075,104	685
Totals	798	1,059,010,856	3,251

Source: Randall & Associates, 2006

Lake Makeup Water

On the basis of estimates for demands (evaporation and irrigation) and supplies (rainfall, storm runoff, and nuisance runoff) of water from and to the man-made lakes, respectively, the estimated demand for water to maintain lake system water levels is 4,815 acre-feet annually (PACE, 2005, and Randall, 2005). Non-potable water will be used to maintain lake water levels. This water will be first obtained as on-site water captured for this purpose (e.g. storm water run-off), and supplemented with off-site sources of non-potable water.

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4 EXISTING SPECIFIC PLAN AREA GROUNDWATER USAGE

Most wells in the area are used for irrigation, and are generally completed at depths of 300 to 600 feet in alluvial materials. Historical on-site groundwater use is estimated at slightly less than 12,000 acre-feet per year.

The historical groundwater demand, based upon readily available records and reported usages, has been approximately 3 acre-feet per acre (Dan Casey, The Verner Group, personal communication), or potentially as high as 11,538 acre-feet per year. The Central San Joaquin Irrigation District contributes between 400 and 600 acre-feet per year, depending upon availability (Dan Casey, personal communication).

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5 WATER SUPPLY INVENTORY, AVAILABILITY AND DELIVERY PARAMETERS

Proposed non-potable water sources are precipitation, dry and wet season runoff, and purchased surface water. A combination of sources will likely be used, with the combinations based upon proximities to the lakes (where non-potable water can be stored), efforts required to transport the source water, and availabilities.

Off-site sources of non-potable water include the Stockton East Irrigation District and Central San Joaquin Irrigation District. Off-site water sources can be used when water is available for delivery and means for conveying the water are available.

An additional source of on-site water may be the uppermost (first-encountered) groundwater beneath the facility. However, the developer's primary water-related goal for the proposed development is to reduce the amount of groundwater pumped to support on-site operations. Therefore, although this groundwater is good quality and likely of sufficient quantity, it is considered a less desirable source of water than other potential sources. Whether this groundwater is pumped directly by the development, or by a water purveyor, it is still being pumped from the underlying aquifers in the project area. The use of this groundwater would be limited to those situations where other sources are not available in insufficient quantity, and it would be considered a temporary resource.

Pumping from the upper aquifer on site would be considered more feasible under the following conditions: On-going groundwater recharging operations have created a condition of "banked" groundwater (excess water is in storage, over and above the amount removed); on-going groundwater monitoring indicates that the quality of the groundwater is adequate for the stated purposes; and the amount of water needing to be removed is less than the Stockton area safe yield (0.75 acre-feet per acre).

Cal Water and the City of Stockton will supply potable water to the Mariposa Lakes Development, as described above in the potable water demand section. The City of Stockton and Cal Water will supply potable water from both surface water and groundwater supplies, as determined in their respective SB610 Water Supply Assessment reports for this project.

Anticipated and planned water supply sources for the Mariposa Lakes development are described below.

5.1 PRECIPITATION

Rain gages in the Duck Creek/Littlejohns Creek areas record yearly average rainfalls ranging from 9.25 to 18.99 inches for the period 1988 to 2005 (Pace, 2005).

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5.2 NUISANCE FLOWS

Nuisance flows (dry season runoff, primarily from residential irrigation) will be conveyed to permanent water treatment pools in the stormwater detention ponds to provide some of the water necessary to maintain the pools.

Currently, estimates of nuisance flow on the development are slightly less than 200 acre-feet annually (PACE, 2006). This quantity may vary, specifically downwards, based upon the sophistication of landscape irrigation practices, and climatic conditions at the site.

As the majority of nuisance water will accumulate during water supply-critical months (i.e. summer), efforts will be undertaken to capture and cycle this nuisance water through the on-site lakes, with the ultimate objective being the re-use of this water for non-residential irrigation.

5.3 PROJECT RUNOFF

The project site receives runoff from two off-site drainage areas: Duck Creek and Littlejohns Creek. The site discharges runoff to Duck Creek and Branch Creek. Currently, estimates of storm water run-off flow on the development are slightly more than 600 acre-feet annually (PACE, 2006). This quantity may vary, specifically downwards, based upon the weather conditions at the site.

Most of the storm water runoff will accumulate during non-critical water supply months (i.e. winter). Efforts will be undertaken to capture and cycle this storm water through the on-site artificial lakes, with the ultimate objective being the re-use of this water for non-residential irrigation. However, given the lower demand for irrigation water during the winter months, this water may be diverted to groundwater recharging locations associated with the development.

5.4 CITY AND CAL WATER POTABLE WATER SUPPLIES

The potable water demand will be met by the City of Stockton and Cal Water through a variety of groundwater and surface water sources. In compliance with requirements described in Senate Bills 221 and 610, the City and Cal Water are preparing Water Supply Assessments that will identify the sources for the water that will be delivered to the Mariposa Lakes Development.

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5.5 STOCKTON EAST WATER DISTRICT ON-LINE SUPPLIES

The amount of water that can be obtained from this source has not been determined, but will be addressed as part of the planning for this project.

5.6 DELTA WSP

The City of Stockton will determine the ratio of surface water to groundwater to be used to meet the potable water demand for the site, and document this in the AB 610 Water Supply Assessments for the project. A portion of the surface water will be obtained from the Delta Water Supply Project (Delta WSP). The amount will be determined by the City of Stockton. As a condition of receiving water from the City, and specifically surface water from the Delta WSP, all wastewater onsite will be delivered to the City of Stockton for treatment and re-use. None of the treated wastewater will be available to the project for re-use.

5.7 SURFACE WATER

Surface water bodies on and near the site are Duck Creek, Branch Creek and Littlejohns Creek. These creeks will primarily serve to contain flood events and provide wildlife habitat. The potential for using the creeks as part of an artificial recharge system is being evaluated.

Surface water may be purchased to supplement the non-potable water supply and/or to artificially recharge the uppermost aquifer beneath the site.

5.8 GROUNDWATER

The safe yield for aquifers underlying the south Stockton area is estimated as 0.75 acre-feet of water per acre of land per year (West Yost, 1998). For the 3,810-acre Mariposa Lakes project, this suggests that approximately 2,884 acre-feet of water are available before exceeding the safe yield of the regional aquifer.

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6 EXISTING GROUNDWATER CONDITIONS

Groundwater in the South Stockton area is at depths of 20 feet bgs in the west to more than 80 feet bgs to the east. The regional groundwater flow direction in the South Stockton area is generally to the northeast, but groundwater pumping may affect flow directions locally (West Yost, 2004).

The shallower groundwater in the area has historically been considered to be of poorer quality than the deeper groundwater. Higher concentrations of sulfate, chloride, sodium, and calcium were anticipated for groundwater samples collected from the shallower depths (Kleinfelder, 2006).

To establish baseline groundwater conditions beneath the development site, Kleinfelder installed and sampled eight monitoring wells, drilled and lithologically and geophysically logged a 400-foot deep soil boring, and sampled groundwater from various depths in the boring.

During Kleinfelder's field investigation, groundwater was encountered at depths between 75 and 85 feet bgs.

On the basis of the investigation, Kleinfelder found that the water quality in monitoring wells MW-1, and MW-7, -8 and –9 is generally good. Of potential concern are the following reported laboratory results for samples from the remaining monitoring wells: The reported detection of elevated nitrate as NO_3 and the presence of atrizine in MW-2; Diuron and fecal coliform in MW-6; and elevated nitrate as NO_3 in MW-4.

Nitrate is commonly associated with agricultural activities, and is a common groundwater contaminant where fertilizers are used and where livestock are present. Atrizine is a common pesticide, and Diuron is a common, substituted urea herbicide, often used in combination with pesticides such as bromacil and hexazinone. Diuron is used to control a wide variety of annual and perennial broadleaf and grassy weeds on non-crop areas and many agricultural crops such as fruit, cotton, sugar cane, alfalfa, and wheat. Fecal coliform has a variety of animal and human sources.

The water quality in the three depth zones of the deep boring is generally good, with the exception that nitrate as NO_3 was detected in the sample from the shallowest of the three zones (163 to 183 feet bgs) at a concentration exceeding the California MCL of 45 mg/L.

Kleinfelder's field procedures and laboratory program are described in a report entitled, "Hydrogeologic Investigation Report, Mariposa Lakes Development," which is included in the Appendix of this report.

Additional sources, not yet identified, may also be used to supplement the non-potable water supply.

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7 PROJECT WATER CONSERVATION PLAN

Existing City of Stockton Required Water Conservation Measures

The City of Stockton's water conservation program is consistent with the California Urban Water Conservation Council Memorandum of Understanding (MOU), complying with the 14 best management practices defined in the MOU. Additionally, the City initiated a Water Conservation Ordinance with permanent usage restrictions and a dry year rationing program (West Yost, 2004).

Other Potential Water Conservation Measures

A separate component of the IWMP is the Water Conservation Plan (WCP). The WCP will be integrated into the IWMP, and will identify the potential water use savings that can be realized by using conservative water use programs. Water conservation measures that may be considered include low-flow, and ultra-low flow fixtures in residences and businesses, and non-traditional means and sources of residential, commercial and public landscape irrigation, such as using recycled water, low-water demand landscaping, and automated irrigation management.

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8 PROJECT NON-POTABLE WATER PLAN

8.1 PROPOSED MANAGEMENT

The non-potable water system will be owned by the Mariposa Lakes Homeowners Association.

Water will be pumped from the lake system to supply non-residential irrigation demands. Rainfall and stormwater runoff will be treated in the lakes to meet NPDES standards. Lake system water quality will be maintained by treating it using a variety of methods, including stormwater treatment wetlands, in-lake circulation, biofilters, aeration, and wetland planters.

Purchased surface water may be stored on-site in specific detention basins, from which water will be moved to the man-made lakes to manage lake levels and supply non-residential irrigation water. This water may also be used in the artificial groundwater recharging operations. By storing this water underground, it can be used during critical water shortage situations to supplement and temporarily maintain lake water level, supplement irrigation water supplies, or temporarily replace potable water supplies that have been pumped from off-site underground sources.

The potential for purchasing additional land to be used year-round for runoff water storage and recharge is being explored. This land would be in close proximity to the development.

Monitoring groundwater quality and depth will be integral elements of the IWMP. The operations aspect of the IWMP will include a groundwater monitoring plan that will describe rationale, procedures and schedules for monitoring depths to water and water chemistry in the eight site monitoring wells (see Kleinfelder's Hydrogeologic Investigation Report in the Appendix section of this report for descriptions of monitoring well locations and construction details).

8.1.1 Groundwater Monitoring

Groundwater depths and chemistry may be monitored quarterly or more frequently before grading for pre-construction begins to establish seasonal patterns. Monitoring will continue during construction, through build-out and thereafter on a schedule that will be determined on the basis of existing monitoring results and the estimated potential for site activities at any given time to impact groundwater. For example, if artificial recharge is implemented on site, groundwater depths and chemistry may be monitored more frequently than quarterly to assess effects of recharge on the groundwater gradient and water chemistry.

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An important goal of continued groundwater monitoring will be to detect first signs of atypical changes (i.e., not seasonal changes identified during initial monitoring) in water chemistry, if any, and to allow for prompt mitigative actions, if necessary.

Routine reports of groundwater elevations, direction of groundwater movement and groundwater quality will be prepared and submitted to the appropriate agencies. Before and throughout the project buildout, monitoring will be conducted and reported by the Kamilos Group or its designated representative. Long-term, the responsibility for monitoring and reporting will likely be assigned to a local entity, to be determined at a future date.

Specific mitigations for possible groundwater conditions will be discussed in the EIR, and will likely be linked to specific changes in the groundwater conditions. Such conditions would become evident as a result of the groundwater monitoring and reporting process.

8.2 INTEGRATED WATER MANAGEMENT PROGRAM BENEFITS

A major benefit of the IWMP is that it emphasizes re-use and conservation. An important element of the Plan's approach is that it incorporates artificial, or induced, groundwater recharge as a means for adding to and enhancing groundwater resources beneath the site. Artificial recharge can improve water quality by diluting existing groundwater contaminants, if present; and by creating groundwater mounds to reverse groundwater flow directions and reduce the potential for on-site migration of contaminants or salt water. Thus, artificial recharge can potentially mitigate salt-water intrusion.

Artificial recharge can also be used to create groundwater "banks," where excess runoff or purchased surface water can be stored and used as needed, reducing demands on the natural groundwater supply and replacing groundwater that is being withdrawn to meet the potable demand.

As part of the Mariposa Lakes development water management planning, the potential for purchasing nearby acreage to be used for artificial recharge is being considered. Using off-site acreage for recharge can offset all or a portion of the recharge areas that will be lost through hardscaping for the development.

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9 ADDITIONAL ASSESSMENTS

This conceptual version of the IWMP will be followed by two additional versions. The next version will be the planning level version, and will include sufficient information to allow for facilities level planning. The final version of the IWMP will be the operations level plan, and will provide information sufficient for the operations and maintenance of the water systems on site.

Several additional assessments are necessary to complete the planning-level IWMP for the project. These additional assessments will either explore the feasibility of specific operational components of the project (e.g. groundwater recharging operations), or focus on developing information to support an existing plan (e.g. facility specific water conservation plan).

Following are brief descriptions of additional assessments in support of the planning-level IWMP:

- Potable Water Distribution System: Additional work will occur to further refine estimates of individual water demand scenarios, domestic irrigation demands, projected piping and storage plans, and other planning-level data needs.

- Irrigation System Plan: Additional information will be developed regarding refinements to the irrigation plan, to include assessments of irrigation timing relative to demand, sourcing non-potable water from on-site artificial lakes, and landscape management relative to available water quality and quantity.

- Site Specific Water Conservation Plan. In keeping with the City of Stockton Water Conservation plan, a site-specific plan will be developed for the project to address and further refine the means and methods for conserving potable and non-potable water on site. The plan will address such things as water conserving restroom facilities, residential landscaping and irrigation practices, and public irrigation practices. The objective of this plan would be to describe specific means and methods of reducing on-site consumption of potable and non-potable water.

- Site Specific Storm Water Pollution Prevention Plan. PACE has presented basic stormwater management information for the site, specifically with respect to the man-made lakes. A site-specific plan detailing how stormwater will be monitored and managed on site will be prepared. The objective of this plan would be a description of stormwater sampling and reporting, along with a description of the methods and means of moving stormwater on site to the lake system for ultimate reuse.

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- Operationally Specific Lake Water Management Plan. PACE has prepared documentation on basic lake operations (circulation, lake levels) and this plan would provide more detailed information on actual storage and movement criteria and controls, irrigation system integration (e.g. where will pick-up pumps for irrigation systems be placed). The objective of this plan would be to describe the actual methods, which will be used to balance and control lake levels, water quality, etc.

- Site Specific Groundwater Monitoring Plan. Kleinfelder has completed the installation and baseline sampling of several monitoring wells on site, such that the groundwater quality immediately below the development area can be described. The objective of this plan is to describe the frequency and type of groundwater monitoring and reporting that will occur before, during and after construction at the Mariposa Lakes Development.

- Legal Plan: The issue of annexation into a specific water district must be assessed, along with issues such as water rights to surface water for irrigation and recharging operations, and long-term responsibility for on-site management and monitoring/reporting requirements. The objective of the legal plan would be to describe the legal framework for the site relative to the amount and source for which water rights are held, and to describe the legal status of the site relative to reporting regarding water-related issues.

- Non-Potable Off-Site Water Source Feasibility Assessment. The objective of this assessment is to describe the location and availability of off-site sources of surface water that could be delivered to the Mariposa Lakes site for use in irrigation and groundwater recharging operations. This assessment would look at such issues as availability and quantity of off-site surface water supplies, delivery mechanisms from the source to the project site, and a cost-benefit analysis for each identified off-site source.

- Non-Potable Water Storage Feasibility Assessment. The assessment objective will be a description, based upon anticipated land use planning and on-site water management, of the feasibility of either on-site or off-site non-potable water storage, or a combination of both. This assessment will look at available land for storage of nuisance and storm water, along with purchased surface water, and the distribution requirements for moving this water from storage into use on the project site.

- Groundwater Recharging Feasibility Assessment. Previous work has been done regarding recharge potential on the site, but has not been reconciled against land use planning, or anticipated water management and distribution systems. Furthermore, completing a feasibility assessment of artificially recharging groundwater will require understanding how much land and water are available for such operations, which will be developed in the aforementioned tasks.

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Upon completion of these additional assessments, the IWMP will be revised to a planning level document. The planning-level version of the IWMP will facilitate integration of each water-related component such that specific plans can be prepared that rely upon, but are not specific to water. As an example, the planning-level IWMP will describe where pumping systems will be located for the lakes, such that planning with regards to infrastructure (piping, electrical, etc.) can occur.

The final iteration of the IWMP will be the operations-level plan. This final version of the plan will have specific information describing how each of the individual systems (lake level, turf irrigation, storm water capture, etc.) will operate, and how the various systems will act conjunctively on the site. The operations-level plan will have detailed information on water sources, distribution, monitoring and reporting for each of the various water systems on the development.

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10 LIMITATIONS

Kleinfelder has prepared this report in accordance with the generally accepted standards of care, which exist in San Joaquin County at the time of writing. It should be recognized that definition and evaluation of geologic and chemical subsurface conditions are difficult. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface and/or historic conditions applicable to the site. More extensive studies may further reduce the uncertainties associated with this assessment. Kleinfelder should be notified for additional consultation if the client wishes to reduce the uncertainties beyond the level associated with this report. No warranty, expressed or implied, is made.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the level of risk. Since detailed investigation and analysis involves greater expense, our clients participate in determining levels of service, which provide adequate information for their purposes at acceptable levels of risk. PCCP Mariposa Lakes, LLC has reviewed the scope of work and determined that it does not need or want a greater level of service than what was provided.

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APPENDIX

REPORT
HYDROGEOLOGIC INVESTIGATION
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

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REPORT
HYDROGEOLOGIC INVESTIGATION
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

Kleinfelder Job No: 63138.H01
April 7, 2006

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REPORT
HYDROGEOLOGIC INVESTIGATION
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

April 7, 2006

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1 EXECUTIVE SUMMARY

Kleinfelder, on behalf of PCCP Mariposa Lakes, LLC, performed a hydrogeologic investigation of the proposed Mariposa Lakes Development site to establish current and background conditions in the uppermost regional aquifer beneath the site. The investigation also included obtaining preliminary data related to physical characteristics of the deeper aquifer. The resulting data describing the baseline conditions will be used in support of the pending Environmental Impact Report (EIR).

Kleinfelder guided the installation, development, and sampled eight groundwater monitoring wells between February 7 and February 14, 2005 for the collection of background groundwater quality data within the uppermost regional aquifer. The monitoring well network has been installed to assess the background groundwater quality prior to the installation or development of any man-made water features.

The depth to groundwater within the upper most regional aquifer ranged from 78.86 to 90.17 feet below ground surface (bgs). The groundwater elevation at the site ranged from 33.02 feet Mean Sea Level (MSL) to 38.86 feet MSL. The groundwater gradient is estimated to be towards the north/northeast with groundwater depressions noted north, east, and west of the site, based on the San Joaquin County Flood Control and Water Conservation District (SJCFCWCD) Map, 2003.

Groundwater samples collected from the monitoring wells were analyzed for general minerals, physical parameters, radiochemistry, coliform bacteria, and organic chemicals by (EPA Methods 504, 525.1, 505, 507, 515.3, 524.2, 525.2, 547, 548.1549.2, and 632). The constituents with concentrations reported above regulatory water quality goals were as follows:

- Nitrate detected in samples from MW-2 and MW-4 at concentrations of 63.4 and 51.5 milligrams per liter (mg/L), respectively, exceeded the California drinking water standards maximum contaminant level of (PMCL) of 45 mg/L. Nitrate as NO_3 concentrations are generally associated with septic leach field systems, livestock operations, or as a fertilizer component.

- Atrizine was detected in the groundwater sample collected from MW-2 with a concentration of 1.9 micrograms per liter (μg/L). The California MCL for Atrazine is 1.0 μg/L. Atrazine is a common agricultural pesticide.

- Diuron, was detected in the groundwater sample collected from MW-6 with a concentration of 0.2 μg/L. The water quality goal [Suggested No Adverse Response Level (SNARL)] for Diuron is 10 μg/l. Diuron is a common agricultural herbicide.

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- Total coliform bacteria were reported in each of the monitoring well samples collected with concentrations ranging from 12 to more than 23 Most Probable Numbers per 100 milliliter (MPN/100ml). Fecal coliform bacteria were reported in the MW-6 sample with a concentration of 16.1 MPN/100ml. Coliform bacteria is typical.

- Iron was detected in groundwater samples collected from MW-3, MW-4, MW-7, and MW-9 with concentrations exceeding the Secondary Maximum Contaminant Level (SMCL) of 300 μg/L by 6 to 103 percent. SMCLs are aesthetic standards not typically related health risks.

Other general water quality data showed that the Total Dissolved Solids (TDS) concentrations ranged from 260 mg/L to 710 mg/L across the site. The TDS concentrations exceeded the recommended level SMCL for TDS of 500 mg/L in three out of the eight wells (MW-2, MW-4, MW-9), but did not exceed the SMCL upper level of 1,000 mg/L. TDS concentrations are cumulative results of many of the individual constituents dissolved in the groundwater, which include anions and cations.

The Specific Conductance concentrations were the highest in MW-2 (1,110 umhos/cm) and MW-4 (1,080 umhos/cm). The EC measured in all of the groundwater samples ranged from 540 to 1,110 umohs/cm. The SMCL for EC is 900 umhos/cm, with a SMCL upper level of 1,600 umhos/cm.

One deep exploratory boring was advanced near the sites eastern boundary in order to assess the potential for non-potable supplies of groundwater to use for lake make-up water and common area landscape irrigation.

The deep exploratory boring was drilled using a mud rotary drilling method and zone tested for water quality between January 30 and February 9, 2005. The deep boring was drilled to a total depth of approximately 400 feet bgs. The lithology encountered consisted of interbedded sand, silt and clay layers. Significant clay layers were shown to exist between the more permeable sand layers tested.

Three zones were selected for water quality testing based on the results of the lithologic and geophysical logs (Resistivity, Spontaneous Potential, and Gamma ray). The depths of the zones tested were approximately 385-395 (Zone #1), 195-215 (Zone #2), and 163-183 (Zone #3) feet bgs.

The results of the zone testing showed elevated concentrations of most analytes in the shallowest zone (Zone #3) versus the two deeper zones (Zone #1 and Zone #2), often greater than two times. The concentrations of nitrate as NO_3 and sodium exceeded the MCL's in Zone #3. The concentration of manganese exceeded the MCL in Zone #1, and the concentration of sodium exceeded the SNARL in all three zones.

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We recommend that each of the eight monitoring wells be re-sampled, to confirm the initial groundwater sample analytical results, and the samples be analyzed for at least the following:

- Nitrate as NO_3
- Total and fecal coliform bacteria
- Organic analyses by EPA Methods 507 (Atrazine) and 632 (Diuron)

Before collecting the groundwater samples for the coliform bacteria analysis, we recommend that each of the wells be disinfected as a quality control measure to reduce the potential for inadvertent contamination. Also prior to sampling, the wells should be purged and allowed to stand for a designated time to remove the residual chlorine within the well casing and well bore annulus space within the saturated zone.

This report is subject to the "Limitations" presented in Chapter 6. Any other party (other than PCCP Mariposa Lakes, LLC or regulatory agencies having enforcement jurisdiction for the site) who would like to use this document shall notify Kleinfelder of such intended use in writing requesting permission to do so.

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2 SITE SETTING

2.1. SITE LOCATION

The proposed Mariposa Lakes Development is a 3,810-acre project located in San Joaquin County east of State Route 99 and south of State Route 4 (Farmington Road) on the eastern border of the City of Stockton. Kaiser Road and Mariposa Road border the development on the east and south, respectively (Plate 1).

2.2. CURRENT USE AND SITE CHARACTERISTICS

The site is currently utilized for primarily agricultural, rural residential, and light industrial activities. Individual property owners grow a variety of row crops and orchard. Water is supplied for agricultural purpose through a number of water wells and surface water deliveries.

The primary source of irrigation water has historically been groundwater, obtained from several on-site wells. Some surface water has been obtained from Duck Creek by at least one local farmer.

The Austin Road Landfill is located on the southeastern side of the South Stockton area, approximately 5,250 feet south of the Mariposa Lakes Development site. Volatile organic compounds (VOCs) were detected in groundwater beneath and north of the Landfill. In 1994, groundwater treatment was initiated to remove the VOCs. As of 2004, VOCs had not been detected in City wells and the VOC plume extended approximately 2,500 feet northeast of the Landfill (approximately 2,750 feet south of the proposed development site).

A variety of land use types are planned for the Mariposa Lakes Development, including residential, educational, parks and recreation, commercial, and industrial. The development will contain 14 man-made lakes, two renaturalized creeks, stormwater detention ponds, an area dedicated to Delta College, and an Amtrak Station. The water features will be used for storm water management, recreation, irrigation, and possibly groundwater recharge.

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2.3. REGIONAL GEOLOGY AND HYDROGEOLOGY

The site lies within the central potion of the Great Valley Geomorphic Province of California. The valley is approximately 400 miles long and averages about 50 miles wide, and comprises about 20,000 square miles. The valley has been filled with a thick sequence of marine and non-marine sediments from the late Jurassic to Holocene. The uppermost strata of the Great Valley represent, for the most part, the alluvial, flood, and delta plains of two major rivers (Sacramento and San Joaquin Rivers) and their tributaries.

The valley deposits are derived from the Coast Ranges to the west and the Sierra Nevada to the east. Granitic and metamorphic rocks outcrop along the eastern and southeastern flanks of the valley. Marine sedimentary rocks outcrop along most of the western, southwestern, southern, and southeastern flanks; and volcanic rocks and deposits outcrop along the northeastern flanks of the valley. The valley geomorphology includes dissected uplands, low alluvial plains and fans, river flood plains and channels, and overflow lands and lake bottoms. The majority of the native sediments near the site consist of Miocene to Holocene continental rocks and deposits of a heterogeneous mixture of generally poorly sorted clay, silt, sand, and gravel. Some beds of claystone, siltstone, sandstone, and conglomerate are also present.

Based on the SJCFCWCD, Lines of Equal Elevation and depth to Groundwater Map, 2003, groundwater in the vicinity of the site is anticipated to occur at approximately 80 to 90 feet bgs. The regional direction of groundwater flow based on this map is generally toward the northeast with groundwater depressions noted north, east, and west of the site.

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3 FIELD ACTIVITIES

3.1. GROUNDWATER MONITORING WELLS INSTALLATION

3.1.1. PERMITTING AND PRE-FIELD ACTIVITIES

A boring permit application was completed by Kleinfelder and submitted to the San Joaquin County Environmental Health Department (EHD) prior to installation of the monitoring wells and deep exploratory boring. Copies of the EHD permits are included in Appendix A.

The site was visited by Kleinfelder staff to ascertain access for the drilling crews and mark the drilling locations. The site was marked for Underground Service Alert (USA) at least 48 hours prior to conducting the fieldwork. USA notified local utilities of our proposed drilling assessment.

3.1.2. DRILLING AND MONITORING WELL INSTALLATION

A total of eight monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, and MW-9) were installed by V&W Drilling of Isleton, California under the direct observation of Kleinfelder staff, at the locations shown on Plate 2. MW-5 was not installed at this time due to muddy road conditions caused by recent rain and standing water from irrigation of the nearby field. The well locations were selected to address groundwater conditions in estimated upgradient and downgradient locations of the proposed lake layout. Groundwater in the vicinity of the project site was present at depths ranging from approximately 78.86 to 90.17 feet bgs.

The soil borings were drilled with a truck mounted drill rig equipped with 8-inch hollow stem augers. During advancement of the soil borings, soil samples were collected at five-foot intervals for lithologic classification and possible laboratory analysis. Lithologic classification was based on the Unified Soil Classification System (USCS). Boring Logs are included in Appendix A. All equipment used in the drilling and installation procedures was cleaned and/or decontaminated as described in Appendix C. Soil cuttings generated from the drilling operation were not contained and were spread on site adjacent to the boreholes.

Text Table 1 outlines the groundwater monitoring well designations and locations relative to the existing property owners and associated Assessor Parcel Numbers (APN's).

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Text Table 1
Monitoring Well Locations

Monitoring Well Designation	Property Owner and APN	Location
MW-1	FJS Ranches 181-020-019	Northwest corner of parcel
MW-2	Beckham 181-020-002	Northeast corner of parcel
MW-3	FJS Ranches 179-020-004	East side of parcel, south of Duck Creek
MW-4	FJS Ranches 179-020-004	West side of parcel, south of Duck Creek
MW-6	Esformes Ranch 179-020-002	Near the west side of parcel, near greenhouses
MW-7	Esformes Ranch 181-040-002	East side of parcel, north of Little Johns Creek
MW-8	Lagorio 181-040-016	Southeast corner of parcel, north of Mariposa Road
MW-9	Esformes Ranch 181-040-003	Near southeast corner of parcel, Approx. 1,300 feet west of Kaiser Road

Following completion of the drilling, a 2-inch diameter PVC well was installed in the borings. The soil borings were advanced approximately 10 feet into the first encountered groundwater. The wells were constructed with Schedule 40 PVC, 15 foot long 0.020 inch screened section surrounded by and covered by a silica sand filter pack (#3), 2- foot thick bentonite transition seal above the filter pack, and grouted to the surface with a neat cement mixture. The sand pack was surged prior to the installation of the bentonite seal to settle the sand pack in accordance with local well standards. The wells were finished with a locking pressure cap situated within a monument style well vault. The bottom cap of each well was threaded. Text Table 2 details the well construction for each monitoring well.

Text Table 2
Monitoring Well Construction Detail

Monitoring Well Designation	Total Depth (feet)	Screened Interval (feet)	Filter Pack Interval (feet)	Bentonite Seal (feet)	Grout Seal (feet)
MW-1	95	80 to 95	77 to 95	75 to 77	0 to 75
MW-2	90	75 to 90	73 to 90	71 to 73	0 to 71
MW-3	90	75 to 90	73 to 90	71 to 73	0 to 71
MW-4	85	70 to 85	68 to 85	66 to 68	0 to 68
MW-6	90	75 to 90	73 to 90	72 to 73	0 to 72
MW-7	95	80 to 95	78 to 95	76 to 78	0 to 76
MW-8	92	77 to 92	75 to 92	73 to 75	0 to 73
MW-9	95	80 to 95	78 to 95	76 to 78	0 to 76

Note: All measurements are made relative to the ground surface at the time of drilling.

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Once the monitoring wells were installed, the top of each well was surveyed (by Stantec, Inc., Modesto, California) so that depth to groundwater measurements in the wells could be converted to groundwater elevations used to assess groundwater gradients. The wells were surveyed by Global Positing Satellite (GPS) technology. The following text table shows the monitoring well elevation, as measured from the top of each of the well casings.

Text Table 3
Monitoring Well Elevations

Location	TOC Elevation (feet, MSL)
MW-1	50.996
MW-2	50.804
MW-3	46.475
MW-4	74.450
MW-6	40.213
MW-7	45.616
MW-8	50.198*
MW-9	50.624

TOC = Top of well Casing
MSL = Mean Sea Level
* = Elevation from Top of Well Monument

3.1.3. MONITORING WELL DEVELOPMENT

Following a minimum of 48 hours after installation, the monitoring wells were developed to remove silt and clay from the well bore and to effectively increase the hydraulic radius of each monitoring well. Surging along the screened interval of the wells was performed to set the sand pack during installation and again during the development stage. The monitoring wells were developed as described in Appendix C Section C.3.2. The discharge was periodically monitored for clarity, pH, temperature, and specific conductance.

The well development purge water was discharged to the land surface in such a manner as not to allow the discharge to enter any surface water body or flow back into the monitoring wells.

3.1.4. GROUNDWATER SAMPLING

Groundwater was sampled from the newly installed monitoring wells on February 14, 15, and 16, 2006. Water level measurements were made in the monitoring wells prior to purging and sampling the wells according to the protocol described in Appendix C Section C-4.1. The following Text Table 4 outlines the groundwater elevations observed in the monitoring wells.

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Text Table 4
Groundwater Elevations

Location	TOC Elevation msl (feet)	Depth to GW BTOC (feet)	GW Elevation msl (feet)
MW-1	52.996	90.17	37.17
MW-2	50.804	83.82	33.02
MW-3	46.475	81.74	35.26
MW-4	42.450	78.86	36.41
MW-6	40.213	79.07	38.86
MW-7	45.616	82.68	37.06
MW-8	50.198*	84.40	34.20
MW-9	50.624	87.29	36.67

TOC=Top of Well Casing GW=Groundwater BTOC=Below Top of Casing
msl = mean sea level * = Elevation from Top of Well Monument

The groundwater flow on the site appears to be toward the east/southeast, north and northwest based on gradient calculations. There are groundwater depressions located north, east, and west of the site.

Following collection, each groundwater sample was labeled, logged on a chain-of-custody form, and immediately stored in an iced cooler. The groundwater samples were submitted to a State certified laboratory under chain of custody control to FGL Laboratories (FGL) of Stockton, California. FGL is certified to perform the requested analyses. The groundwater samples were analyzed on a standard 12-day turn around time (TAT).

Approximately three to five well volumes of groundwater were purged from each monitoring well by bailing. The groundwater samples were collected as described in Appendix C-4.2. Each of the water samples collected for quantitative analyses were submitted under chain-of-custody control to a laboratory certified by the State of California Department of Health Services (DHS) for the requested analyses. The monitoring well sampling and purging logs are included in Appendix B.

Equipment used for groundwater sampling was decontaminated prior to use at each sampling location by cleaning with a non-phosphate detergent wash followed by a distilled water rinse. Disposable bailers were used to collect the samples.

3.2. DEEP EXPLORATORY BORING AND ZONE SAMPLING

This section describes the drilling and construction of each zone in the exploratory boring. Water Development Company of Zamora, California, Inc drilled the boring. The exploratory boring was terminated at a final depth of 400 feet bgs. The boring was

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advanced near the sites eastern boundary, west of Kaiser Road. The boring location is shown on Plate 2.

3.2.1. CONDUCTOR CASING

- Installed: January 31, 2006
- Drilling method: Solid flight auger
- Drill Hole Diameter: 24 inches
- Surface Casing: 24 inch diameter
- Depth Set: 6 feet bgs.

3.2.2. TEST BORE DRILLING

- Dates: January 31, 2006 to February 9, 2006.
- Drilling Method: Direct mud rotary
- Total Depth: 400 ft bgs
- Pilot Hole Diameter: 7 7/8-inches
- Drilling Fluid: Bentonite based drilling Fluid
- Lithologic Sampling Interval: 10 feet

3.2.3. GEOPHYSICAL LOG

Dewey Data, of Acampo, California conducted geophysical logging of the exploratory boring on February 2, 2006. The purpose of the geophysical logging was to record selected geophysical characteristics of the subsurface formation to aid in assessing potential water-producing zones within the borehole. The logs included spontaneous potential, resistivity (short normal and long normal) and Gamma Ray. On the basis of Kleinfelder's geologist's review and interpretations of the completed logs, three potential water-bearing zones were selected for collecting groundwater samples.

3.2.4. BOREHOLE ZONE CONSTRUCTION

Kleinfelder identified three zones for individual pumping and testing based on our interpretation of lithologic and geophysical logs. Each zone had an individually constructed temporary well screen and casing placed within the zone identified for testing. The zones were pumped until clear of drilling fluid and sand production diminished. Water quality parameters such as pH, Electrical Conductivity (EC), turbidity, and temperature were also monitored during the pumping of each zone to further identify the stable condition prior to collecting a sample for laboratory analysis.

Kleinfelder finalized the temporary well design for each zone based upon our field observations, assessment of the lithologic and geophysical logging. The test well zone(s) construction specifications are presented below.

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Zone 1 - 385' to 395' feet bgs

- Filter Pack:
  Depth Interval: 380' to 400' feet bgs
  Type: #3 RMC Lonestar
- Bentonite Seals
  Upper Seal Depth Interval: 375' to 380' feet bgs
  Lower Seal Depth Interval: no seal –bottom of boring

Zone 2 - 195' to 215' feet bgs

- Filter Pack:
  Depth Interval: 190' to 215' feet bgs
  Type: #3 RMC Lonestar
- Bentonite Seals
  Upper Seal Depth Interval: 187' to 190' feet bgs
  Lower Seal Depth Interval: 215' to 220' feet bg

Zone 3 - 163' to 183' feet bgs

- Filter Pack:
  Depth Interval: 160' to 183' feet bgs
  Type: #3 RMC Lonestar
- Bentonite Seals
  Upper Seal Depth Interval: 155' to 160' feet bgs
  Lower Seal Depth Interval: 183' to 185' feet bg

3.2.5. ZONE DEVELOPMENT AND SAMPLING

Following the construction of the temporary zones, each zone was developed by air lifting to remove the drilling fluid from the well bore and to effectively increase the hydraulic radius of each zone. Following the air lift development, an electric submersible pump was installed to further develop the well by pumping. The discharge was periodically monitored for clarity, pH, temperature, and specific conductance.

The zone development water was discharged to the land surface in such a manner as not to allow the discharge to enter any surface water body or flow back into the well.

The groundwater zone samples were also submitted under chain of custody control to FGL Laboratories (FGL) of Stockton, California. The groundwater samples were analyzed on a standard 12-day turn around time (TAT). The requested analyses included general mineral (cation, anions, metals, physical properties, inorganics), general physical, and radio chemistry.

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4 RESULTS

4.1. GROUNDWATER DEPTH, ELEVATION, AND GRADIENT

Water level measurements were made in the monitoring wells during drilling, development, and prior to sampling. The depth to water levels during the groundwater sampling event were converted to elevations in reference to the survey conducted. The top of each monitoring well was chosen as the water level and survey measuring point. The depth to groundwater at the site ranged from 78.86 bgs feet to 90.17 feet bgs. The corresponding groundwater elevations ranged from 33.02 feet MSL to 38.86 feet MSL. Based on the SJCFCWCD maps, the groundwater flow direction is estimated to be towards the north/northeast. Three groundwater depressions are located north, east, and west of the site and likely influence the localized groundwater flow direction.

4.2. WATER TABLE GROUNDWATER SAMPLING RESULTS

The water table (or uppermost regional aquifer) sampling results showed the following concentrations of specific analytes, which exceeded applicable water quality goals as stipulated by the State of California EPA:

- Nitrate was detected in groundwater samples collected from MW-2 and MW-4 with concentrations of 63.4 and 51.5 mg/L, respectively; exceeding the California PMCL of 45 mg/L.

- Atrizine, a common pesticide, was detected in the MW-2 groundwater sample at a concentration of 1.9 μg/L using EPA Method 507. The California PMCL for this pesticide is 1.0 μg/L.

- Diuron, a common herbicide, was detected in the MW-6 groundwater sample with a concentration of 0.2 μg/L using EPA Method 632. The water quality standard for Diuron is 10 μg/L as a SNARL.

- Total coliform bacteria concentrations were reported in each of the monitoring well samples with concentrations ranging from 12 MPN/100ml to more than 23 MPN/100ml. Fecal coliform bacteria were reported in the MW-6 groundwater sample with a concentration of 16.1 MPN/100ml. The water quality goal for coliform bacteria is zero MPN/100ml.

- Iron was detected in groundwater samples collected from MW-3, MW-4, MW-7, and MW-9 with concentrations exceeding the SMCL of 300 micrograms per liter

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(μg/L) by 6 to 103 percent. SMCLs are aesthetic standards not typically related health risks. The greatest iron concentrations were detected in MW-3 and MW-9 and the least was detected in the MW-7 sample.

General water quality data showed the TDS concentrations ranged from 260 mg/L to 710 mg/L. The TDS concentrations exceeded the recommended level SMCL for TDS of 500 mg/L in three of the eight wells, but did not exceed the SMCL of 1,000 mg/L. TDS concentrations are cumulative results of many of the individual constituents dissolved in the groundwater, which include anions and cations.

The specific conductance concentrations were the highest in MW-2 and MW-4. The concentrations of specific conductance in all of the groundwater samples ranged from 540 to 1,110 umohs/cm. The MCL for specific conductance is 900 umhos/cm, with a SMCL of 1,600 umhos/cm.

The results of the water table laboratory analysis can be found in the Tables section of this report (Table 1 and Table 2). The laboratory analytical reports can be found in Appendix D.

4.3. DEEP GROUNDWATER ZONE SAMPLING RESULTS

The groundwater sample collected from Zone #3, the shallowest zone tested (163 to 183 feet bgs), reportedly contained the greatest concentrations of TDS and several other analytes versus the samples collected from the two deeper zones. Nitrate as NO_3 concentration (50.5 mg/L) in the Zone #3 sample exceeded the California drinking water standard PMCL, the manganese concentration (110 μg/L) in the Zone #1 sample exceeded the California SMCL, and the sodium concentrations in all three zones exceeded the California SNARL (2 mg/L).

The following Text Table 5 displays the detected concentrations of the analytes included in the three zone tests conducted.

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Text Table 5
Deep Groundwater Zone Sampling Results

Analyte	Units	Test Well #1			Applicable MCL
		Zone #1 385'-395'	Zone #2 195'-215'	Zone #3 163'-183'	
pH	S.U.	7.6	7.7	7.2	6.5-8.5[2]
Total Hardness	mg/L	48.0	93.5	247	na
Calcium	mg/L	11	21	56	na
Magnesium	mg/L	5	10	26	na
Potassium	mg/L	2	5	7	na
Sodium	mg/L	25	22	39	69[3]/2[4]
Total Cations	meq/L	2.1	3.0	6.8	na
Boron	µg/L	0.1	ND<0.1	ND<0.1	700[3]
Copper	µg/L	ND<10	ND<10	ND<10	1,000[2]
Iron	µg/L	70	ND<50	ND<50	300[2]
Manganese	µg/L	110	20	30	50[2]
Zinc	µg/L	ND<20	30	50	5000[2]
Total Alkalinity	mg/L	90	110	250	na
Hydroxide Alkalinity	mg/L	ND<10	ND<10	ND<10	na
Carbonate Alkalinity	mg/L	ND<10	ND<10	ND<10	na
Bicarbonate Alkalinity	mg/L	110	140	310	na
Sulfate	mg/L	4	6	23	250[1]/250[3]/500[4]
Chloride	mg/L	11	14	26	250[2]/106[3]
Nitrate as NO3	mg/L	ND<0.4	10.7	50.5	45[1]
Nitrite as N	mg/L	ND<0.1	ND<0.1	ND<0.1	na
Fluoride	mg/L	0.1	0.2	0.1	2[1]
Total Anions	meq/L	2.2	3.0	7.1	na
Specific Conductance	umhos/cm	222	300	679	1,600[2]

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Text Table 5 *(Continued)*
Deep Groundwater Zone Sampling Results

Analyte	Units	Test Well #1			Applicable MCL
		Zone #1 385'-395'	Zone #2 195'-215'	Zone #3 163'-183'	
Total Dissolved Solids	mg/L	180	210	480	500[2]
MBAS	mg/L	ND<0.1	ND<0.1	ND<0.1	0.5
Aggressiveness Index	mg/L	11.0	11.5	11.7	na
Langlier Index	mg/L	-0.8	-0.4	-0.1	na
Arsenic	mg/L	0.005	3	0.002	5[1]
Color	Units	20	ND<5	ND<5	15[2]
Odor	TON	ND<1	ND<1	ND<1	3[2]
Turbidity	NTU	12.5	0.5	2.7	5[2]
Radio Chemistry					
Uranium	pCi/L	0.000+/-0.867	0.118+/-0.584	na	20[1]

ND= non detectable at or above the laboratory reporting limit
MPN= Most Probable Number
S.U.= Standard Unit
1= Primary MCl
3= Agricultural Water Quality Goal
mg/L= milligrams per liter
ml= milliliter
umhos/cm= micro mho per centimeter
2= Secondary MCL
4= Suggested No Adverse Response Level (SNARL)

The laboratory analytical reports can be found in Appendix D.

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5 CONCLUSIONS AND RECOMMENDATIONS

5.1. CONCLUSIONS

Kleinfelder observed the drilling and installation of eight groundwater monitoring wells (February 7 to February 14, 2006) within the shallow regional aquifer, in accordance with the local permitting agency (San Joaquin County EHD). The depth to water in the wells ranged from 78.86 feet bgs to 90.17 feet bgs. The groundwater elevations ranged from 33.02 feet MSL to 38.86 feet MSL. Based on the SJCFCWCD the groundwater flow direction at the site is towards the north/northeast, with a depressions noted to the north, east, and west of the site. The groundwater depressions likely influence the local groundwater flow on the site.

The groundwater samples were collected, and analyzed for general minerals, wet chemistry, organics, bacteriological, radio chemistry, and dioxin. The detected concentrations of the analytes were compared to the MCLs set forth by the WQGs or applicable guidelines established by the State of California Environmental Protection Agency and the United States Environmental Protection Agency.

The initial water table groundwater quality showed the nitrate as NO_3 concentrations seen in MW-2 (63.4 mg/L) and MW-4 (51.5 mg/L) were above PMCL for nitrate as NO_3 of 45 mg/L. Nitrate is commonly associated with agricultural activities, and is a common groundwater contaminant where fertilizers are used and where livestock are present.

Atrizine is a common pesticide and was detected with a concentration of 1.9 μg/L. The MCL for Atrazine is 1.0 μg/L. Diuron is a common herbicide, often used in combination with pesticides such as bromacil and hexazinone. Diuron, detected with a concentration of 0.2 μg/L, is used to control a wide variety of annual and perennial broadleaf and grassy weeds on non-crop areas and many agricultural crops such as fruit, cotton, sugar cane, alfalfa, and wheat. The SNARL for Diuron is 10 μg/L.

Total Coliform bacteria may be used as an indicator that other potentially harmful bacteria may be present. The Maximum Contaminant Level Goal (MCLG) for total Coliform is zero organisms. Fecal Coliform has a variety of animal and human sources and is usually associated with animal feedlot operations and/or septic leachfield systems.

Iron was detected in groundwater samples collected from MW-3, MW-4, MW-7, and MW-9 with concentrations exceeding the California drinking water standards SMCL of 300 mg/L. SMCLs are aesthetic standards not typically related health risks.

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Other general water quality data showed the TDS concentrations ranging from 260 mg/L to 710 mg/L across the site. The TDS concentrations exceeded the recommended level SMCL for TDS of 500 mg/L in MW-2, MW-4, and MW-9, but did not exceed the SMCL upper level of 1,000 mg/L. TDS concentrations are cumulative results of many of the individual constituents dissolved in the groundwater, which include anions and cations.

The concentrations of specific conductance in the groundwater samples ranged from 540 to 1,110 umohs/cm were the highest in MW-2 and MW-4. The SMCL for specific conductance is 900 umhos/cm, with a SMCL upper level of 1,600 umhos/cm.

Kleinfelder also observed the drilling and installation of one exploratory boring to a total depth of 400 feet bgs. Three zones were tested by installing three temporary wells within the three discrete zones. The zone tests showed that Zone #3 (the shallowest zone – 163 feet to 183 feet) displayed concentrations of most analytes greater than two times the concentrations shown in the two deeper zones. The concentrations of nitrate as NO_3 exceeded the MCL in Zone #3. The concentrations of sodium in all three zones exceeded the SNARL of 2 mg/L. The manganese concentration in Zone #1 exceeded the MCL for manganese. It should be noted that although the concentrations of most analytes were elevated in Zone #3, the concentrations did not exceed applicable water quality goals, unless otherwise noted.

Maximum contaminant levels (MCLs) are a part of the drinking water standards adopted by the California Department of Health Services (DHS). The United States Environmental Protection Agency (USEPA) also adopts MCLs under the Safe Drinking Water Act. DHS' drinking water standards must be at least as stringent as those adopted by the USEPA. Primary MCLs are derived from health-based criteria (e.g., cancer risk). Secondary MCLs are derived from human welfare considerations (e.g., taste, odor, laundry staining). MCLG's are promulgated by the USEPA as part of the enforceable Primary Drinking Water Regulations. MCLG's may be useful in interpreting narrative water quality objectives.

5.2. RECOMMENDATIONS

To confirm the preliminary groundwater sample analytical results obtained as part of Kleinfelder's assessment, each of the eight monitoring wells should be re-sampled and tested for at least the following:

- Nitrate as NO_3
- Total and fecal coliform bacteria
- Organic analyses by EPA Methods 507 and 632

Before collecting the coliform bacteria samples, the wells should be disinfected to reduce the potential for inadvertent contamination as a result of the sampling process.

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Additionally, they should be purged to remove residual chorine within the well bore and allowed to stand for a designated time before the samples are collected.

This report is subject to the "Limitations" presented in Chapter 6 of this report. Any other party (other than PCCP Mariposa Lakes, LLC or regulatory agencies having enforcement jurisdiction for this site) who would like to use this report shall notify Kleinfelder of such intended use by requesting permission in writing to do so.

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6 LIMITATIONS

Kleinfelder has prepared this report in accordance with the generally accepted standards of care, which exist in San Joaquin County at the time of writing. It should be recognized that definition and evaluation of geologic and chemical subsurface conditions are difficult. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface and/or historic conditions applicable to the site. More extensive studies may further reduce the uncertainties associated with this assessment. Kleinfelder should be notified for additional consultation if the client wishes to reduce the uncertainties beyond the level associated with this report. No warranty, expressed or implied, is made.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the level of risk. Since detailed investigation and analysis involves greater expense, our clients participate in determining levels of service, which provide adequate information for their purposes at acceptable levels of risk. PCCP Mariposa Lakes, LLC has reviewed the scope of work and determined that it does not need or want a greater level of service than what was provided.

Regulations and professional standards applicable to Kleinfelder's services are continually evolving. Techniques are, by necessity, often new and relatively untried. Different professionals may reasonably adopt different approaches to similar problems. Therefore, no warranty or guarantee, expressed or implied, will be included in Kleinfelder's scope of service.

During the course of the performance of Kleinfelder's services, hazardous materials may be discovered. Kleinfelder will assume no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials.

Nothing contained in this scope of work 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.

This document may be used only by the client (and regulatory agencies having enforcement jurisdiction over the project site) and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time. Anyone other than the client who wishes to use or rely on this report, shall request permission in writing from Kleinfelder, Inc. Based on the intended use of

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the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this document by any unauthorized party.

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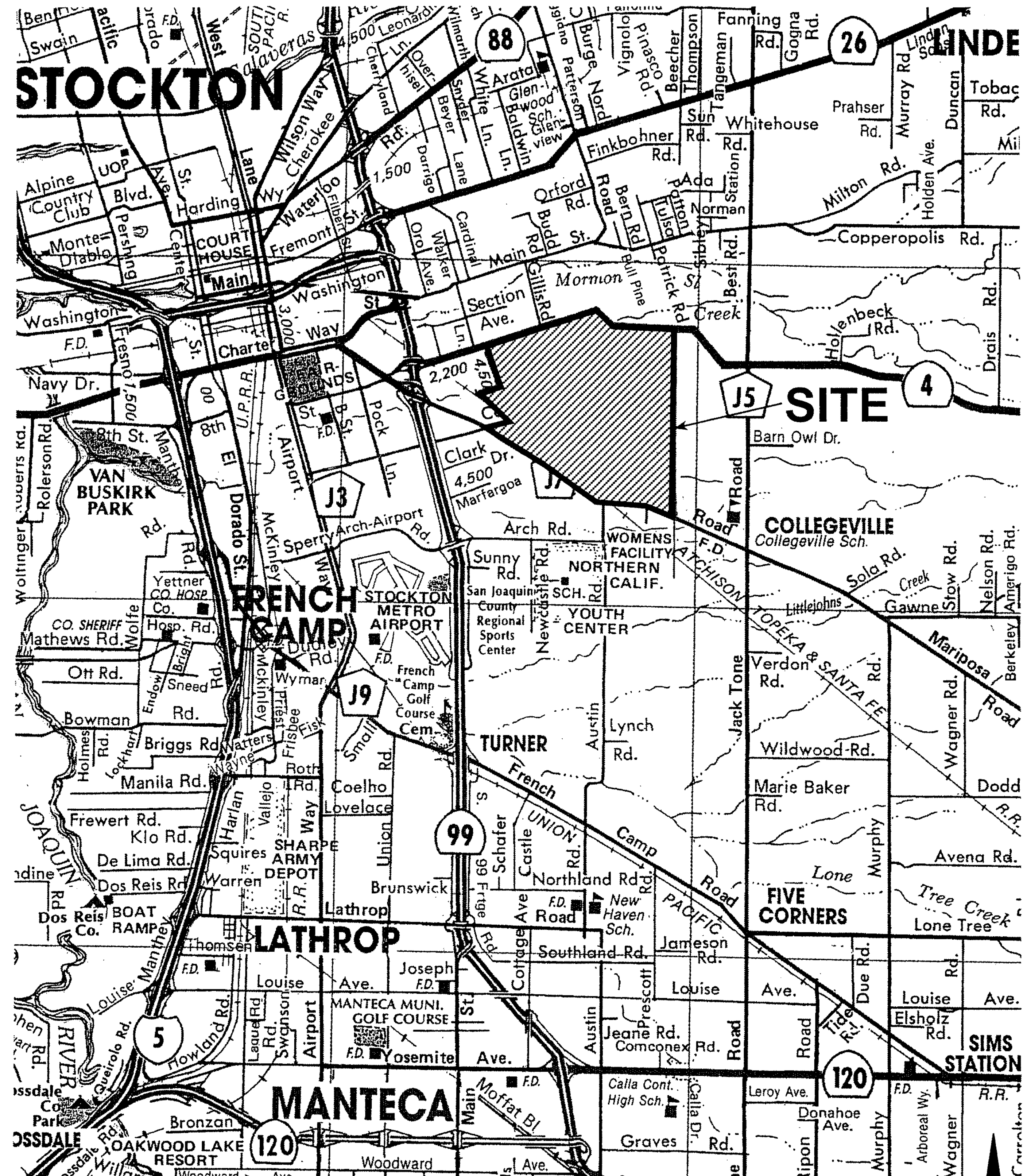
PLATES



APPROXIMATE SCLAE IN FEET:
1" = 1900'
0 475 1900

REFERENCE: THE THOMAS GUIDE, 2001

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SITE VICINITY MAP
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

PLATE

1

DATE PRODUCED:4/3/2006	DATE REVISED:
PROJ. NO.:63138.H01	FILENAME:STO6D228.FH11

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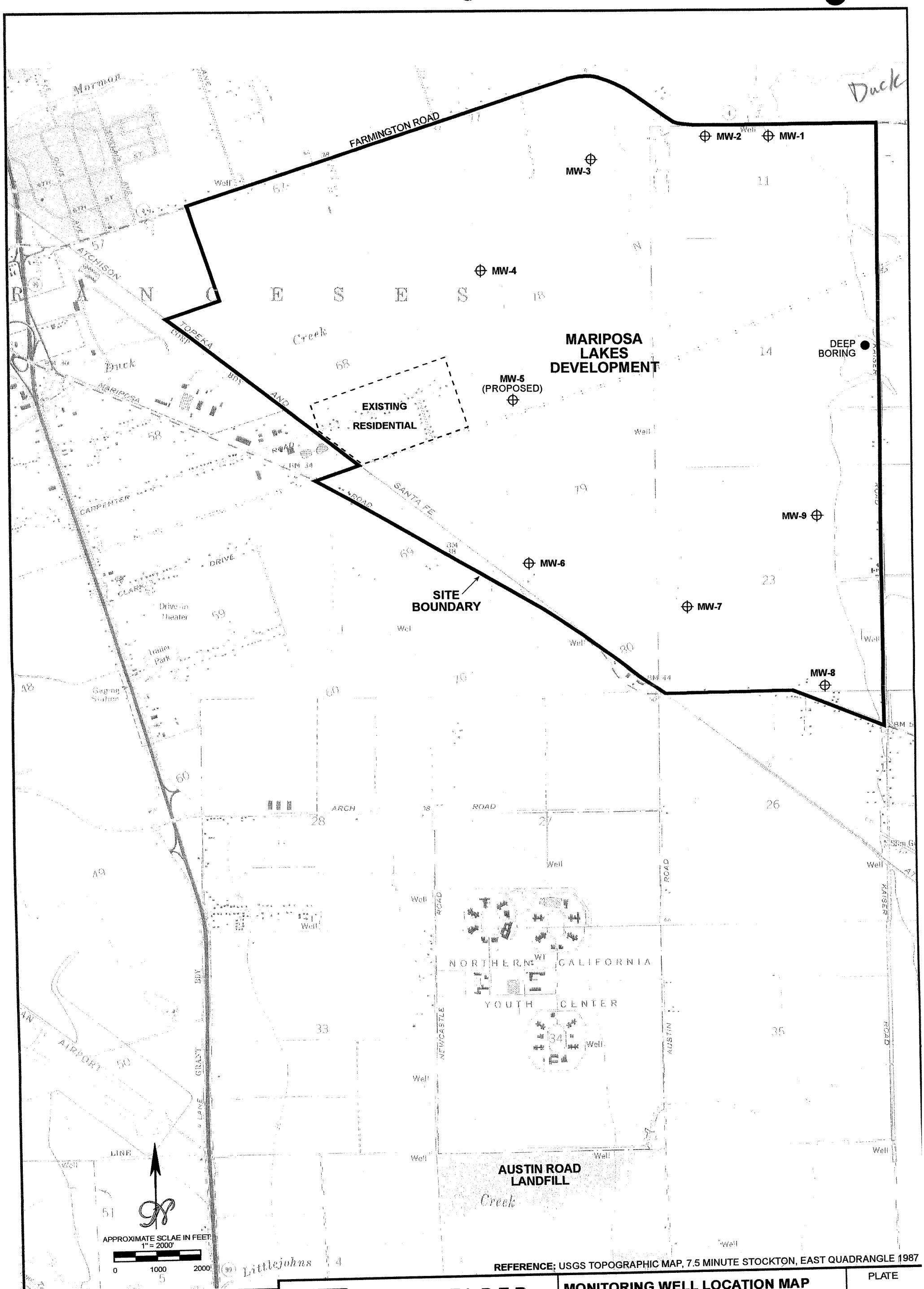

REFERENCE: USGS TOPOGRAPHIC MAP, 7.5 MINUTE STOCKTON, EAST QUADRANGLE 1987

LEGEND	
MW-1	MONITORING WELL LOCATION
●	DEEP EXPLORATION BORING

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DATE PRODUCED:4/4/06	DATE REVISED:
PROJ. NO.:63138.H01	FILENAME:STO6D230.FH11

MONITORING WELL LOCATION MAP
MARIPOSA LAKES DEVELOPMENT
STOCKTON, CALIFORNIA

PLATE
2

TABLES

Table 1 - Inorganic Laboratory Analysis
Mariposa Lakes
MW-1 thru MW-4, and MW-6 thru MW-9

	Analytes	Units	Sample Location									Water Quality Standards
			MW-1	MW-2	MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	Travel Blank	
General Minerals	Total Hardness	mg/L	207	322	113	396	269	190	207	290	NA	--
	Calcium	mg/L	45	68	24	86	60	40	40	60	NA	--
	Magnesium	mg/L	23	37	13	44	29	22	26	34	NA	--
	Potassium	mg/L	4	9	5	8	6	8	8	10	NA	--
	Sodium	mg/L	**28**	**98**	**35**	**74**	**38**	**81**	**71**	**91**	NA	20(4)
	Total Cations	meq/L	5.5	10.9	3.9	11.3	7.2	7.5	7.4	10.0	NA	--
	Total Anions	meq/L	5.8	11.2	4.0	11.9	7.2	7.3	7.0	9.3	NA	--
	Boron	mg/L	ND	0.1	ND	0.1	0.1	0.2	0.2	0.2	NA	700(6)
	Copper	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	1,300(1), 1,000(2)
	Iron	µg/L	60	ND	**610**	**450**	120	**320**	190	**560**	NA	300(2)
	Manganese	µg/L	ND	ND	30	20	ND	20	10	**50**	NA	50(2)
	Zinc	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	5,000(2)
	Aggressiveness Index	mg/L	11.8	12.3	11.7	12.3	12.1	11.7	11.9	11.9	NA	--
	Langlier Index	mg/L	0.0	0.5	-0.2	0.4	0.2	-0.2	0.0	0.0	NA	--
	Aluminum	µg/L	70	20	**380**	170	140	150	110	**280**	NA	1,000(1), 200(2)
	Anitmony	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	6(1)
	Arsenic	µg/L	3	5	7	4	4	5	4	4	NA	10(1)
	Barium	µg/L	124	106	48.1	234	86.3	76.1	78.7	85.1	NA	1,000(1)
	Beryllium	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	4(1)
	Cadmium	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	5(1)
	Chromium	µg/L	36	5	2	5	2	3	5	5	NA	50(1)
	Lead	µg/L	ND	ND	0.3	0.2	ND	ND	ND	0.4	NA	15(1)
	Mercury	µg/L	0.05	ND	ND	ND	ND	0.02	0.02	ND	NA	2(1)
	Nickel	µg/L	ND	ND	2	2	2	1	2	2	NA	100(1)
	Selenium	µg/L	ND	ND	ND	ND	ND	ND	ND	2	NA	50(1)
	Silver	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	100(2)
	Thallium	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	2(1)
	Vanadium	µg/L	27	22	37	25	22	23	17	17	NA	100(6)

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Table 1 - Inorganic Laboratory Analysis
Mariposa Lakes
MW-1 thru MW-4, and MW-6 thru MW-9 (Page 2 of 3)

	Analytes	Units	Sample Location									Water Quality Standards
			MW-1	MW-2	MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	Travel Blank	
Wet Chemistry	pH	units	7.4	7.7	7.7	7.3	7.5	7.4	7.6	7.5	NA	6.5-8.5[2]
	Total Alkalinity as $CaCO_3$	mg/L	230	260	160	420	270	180	190	150	NA	--
	Hydroxide	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	--
	Carbonate	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	--
	Bicarbonate	mg/L	280	320	190	510	330	210	230	180	NA	--
	Sulfate	mg/L	14	44	11	35	20	23	14	50	NA	250, 500[2]
	Chloride	mg/L	12	140	18	68	40	96	94	180	NA	250[2]
	Nitrate*	mg/L	33.0	**63.4**	5.4	**51.5**	11.9	36.8	13.5	16.5	NA	45[1]
	Nitrite as N	mg/L	ND	0.61	ND	0.31	0.12	0.38	0.39	ND	NA	1[1]
	Fluoride	mg/L	0.2	0.3	0.3	0.2	0.2	0.1	0.1	ND	NA	2[1]
	Specific Conductance	umhos/cm	540	**1,110**	386	**1,080**	675	737	692	**956**	NA	1600[1]
	Total Dissolved Solids	mg/L	370	**710**	260	**700**	430	490	420	**560**	NA	500[2]
	MBAS (foaming agents)	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.5[2]
	Color	units	5	ND	**20**	**20**	5	ND	ND	5	NA	15[2]
	Cyanide, Total	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.15[1]
	Odor	TON	ND	ND	ND	ND	ND	ND	ND	ND	NA	3[2]
	Turbidity	NTU	**208**	**1,270**	**2,670**	**8,970**	**4,170**	**33.0**	**26.3**	**426**	NA	5[2]

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Table 1 - Inorganic Laboratory Analysis
Mariposa Lakes
MW-1 thru MW-4, and MW-6 thru MW-9 (Page 3 of 3)

Analytes		Units	Sample Location									Water Quality Standards
			MW-1	MW-2	MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	Travel Blank	
Radio Chemistry	Gross Alpha	pCi/L	3.78 *(1.14)	6.73 *(2.60)	0.000 *(0.672)	10.3 *(2.57)	2.91 *(1.25)	2.84 *(1.40)	3.31 *(1.31)	3.81 *(1.65)	NA	15(1,3)
Radio Chemistry	Gross Beta	pCi/L	2.68 *(0.852)	2.66 *(1.50)	2.31 *(0.732)	4.11 *(1.69)	3.67 *(0.900)	5.24 *(0.999)	5.77 *(1.02)	4.85 *(1.19)	NA	50(1)
Radio Chemistry	Uranium	pCi/L	NA	NA	NA	NA	NA	NA	NA	7.56 *(1.66)	NA	50(1)
Coliform	Total	MPN/100ml	**1.1**	**23.0**	**12.0**	**>23.0**	**>23.0**	**23.0**	**>23.0**	**>23.0**	NA	0(5)
Coliform	Fecal	MPN/100ml	<1.1	<1.1	<1.1	<1.1	**16.1**	<1.1	<1.1	<1.1	NA	0(5)
Dioxin		pg/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	30(1)

Notes

mg/L	= milligrams per liter	NA	= not analyzed
meq/L	= milliequivalents per liter	ND	= non detect
µg/L	= micrograms per liter	(1)	= PMCL (Primary Maximum Contaminant Level)
umhos/cm	= micromhos per centimeter	(2)	= SMCL (Secondary Maximum Contaminant Level)
TON	= Threshold Odor Number	(3)	= Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)
NTU	= Nephelometric Turbidity Unit	(4)	= SNARL (Suggested No-Adverse-Response Level)
pCi/L	= Picocuries Per Liter	(5)	= MCLG (Maximum Contaminant Level Goal)
MPN	= Most Probable Number	(6)	= WQA (Water Quality for Agriculture)
pg/L	= picograms per liter	*	= Nitrate reported as NO_3
--	= No standard promulgated	•	= +- Error

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Table 2 - Organic Laboratory Analysis
Mariposa Lakes
MW-1 thru MW-4, and MW-6 thru MW-9

EPA Method	Units	Sample Location									Water Quality Standards
		MW-1	MW-2	MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	Travel Blank	
504.1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	◆
505	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	◆
507	µg/L	ND	**1.9***	ND	ND	ND	ND	ND	ND	ND	1.0(1)
515.3	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	◆
524.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	◆
525.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	◆
547	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	700(1)
548.1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	100(1)
549.2	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	20(1)
632	µg/L	ND	ND	ND	ND	**0.2****	ND	ND	ND	ND	10(4), 14(3)

Notes

µg/L = micrograms per liter
ND = non detect
* = Atrazine
** = Diuron
(1) = PMCL (Primary Maximum Contaminant Level)
(2) = LHAL (Lifetime Health Advisory Level)
(3) = USEPA IRIS Reference Dose
(4) = Suggester No Adverse Response Level
◆ = no analytes detected per the EPA Method

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APPENDIX A

WELL / PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT — 304 E WEBER AVE 3RD FL - STOCKTON CA 95202 - (209) 468-3420

NON-REFUNDABLE PERMIT — CALL (209) 953-7697 FOR INSPECTIONS — EXPIRES 1 YEAR FROM DATE ISSUED

JOB ADDRESS [illegible] KAKER RD — CITY/ZIP [illegible]

CROSS STREET [illegible] — APN [illegible] — PARCEL SIZE [illegible] — LAND USE APPLICATION # [illegible]

OWNER NAME [illegible] — PHONE [illegible]

OWNER ADDRESS [illegible] — CITY/STATE/ZIP [illegible]

CONTRACTOR [illegible] — PHONE [illegible]

CONTRACTOR ADDRESS [illegible] — CITY/STATE/ZIP [illegible]

SUBCONTRACTOR [illegible] — PHONE [illegible]

SUBCONTRACTOR ADDRESS [illegible] — CITY/STATE/ZIP [illegible]

LICENSE ☐ C-57 ☐ C-61 ☐ D-09 ☐ Other _____ NUMBER [illegible] EXPIRATION DATE [illegible]

GEOGRAPHICAL INFORMATION: Coordinates X _____ Y _____ Township _____ Range _____ Section _____

INTENDED USE ☐ Domestic/Private ☐ Irrigation/Agricultural ☐ Industrial ☐ Water Quality Monitoring ☐ Soil Sampling/Characterization
☐ Public Water System _____ (If different from Owner: Water System Name) _____ (Contact Name or Phone Number)

TYPE OF WORK ☐ New Well ☐ Replacement Well ☐ Well Alteration/Modification ☐ Other [illegible] # of borings
☐ Monitoring Well(s) _____ # of wells ☐ Soil Boring(s) _____ ☐ *Geotechnical* _____ # of borings
☐ Out-Of-Service Well ☐ Out-Of-Service Well Renewal ☐ Cross-Connection Repair
☐ New Pump ☐ Pump Replacement ☐ Pump Repair

WELL CONSTRUCTION

Drilling Method ☑ Mud Rotary ☐ Air Rotary ☐ Auger ☐ Cable Tool ☐ Push Point ☐ Other _____

Proposed Well Depth [illegible] ft Excavation _____ in diameter ☐ Open Bottom ☐ Gravel Pack / Gravel Size _____ in diameter
☐ *Conductor Casing* _____ in diameter / Conductor Casing Depth _____ ft

Well Casing Diameter _____ in Thickness/Gauge/ASTM Sched _____ ☐ Steel ☐ Plastic ☐ Stainless Steel ☐ Other _____

Grout Seal Depth [illegible] ft ☑ Neat Cement *(94 lb bag / 5-10 gal water)* ☐ Sand Cement _____ *sack mix* / 7 gal water
☐ Bentonite (20% solids) ☐ Manufacturer Spec % solids _____ % Name _____ ☐ Specs on File ☐ Specs Submitted

Grout Placement Method ☑ Pumped ☐ Free Fall ☐ Other _____ ☐ Retardant / Accelerator (name) _____

PEDESTAL **Installed By** ☐ Driller ☐ Pump Contractor ☐ Other _____
☐ **Concrete Pedestal** **Dimensions: Width** _____ ft Length _____ ft Thick _____ in ☐ **Christy Box** ☐ **Stove Pipe**

PUMP ☐ Submersible ☐ Turbine ☐ Other _____ HP _____ Pump Set _____ ft Standing Water Level _____ ft

I HEREBY CERTIFY THAT I HAVE PREPARED THIS APPLICATION AND THAT THE WORK WILL BE DONE IN ACCORDANCE WITH SAN JOAQUIN COUNTY ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS. I ALSO CERTIFY THAT MY REQUIRED LICENSE IS CURRENT AND ACTIVE WITH THE CALIFORNIA CONTRACTORS STATE LICENSE BOARD AND THAT I AM IN COMPLIANCE WITH ALL WORKERS COMPENSATION LAWS.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS

SIGNED [illegible] TITLE [illegible] DATE [illegible]

PAYMENT RECEIVED
JAN 30 2006
SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

DEPARTMENT USE ONLY

Application Accepted By [illegible] Date [illegible] Area _____ Employee ID# [illegible]

Grout Inspection By _____ Date _____ ☐ **SPECIAL Well Permit**

Pump Inspection By _____ Date _____ ☐ **WAIVER Received**

Constructed Well Depth _____ ft

COMMENTS [illegible]

PE Codes	SC Info	Received By	Check#/ Cash	Amount Remitted	Date	Permit/ Service Request #	Invoice #	Well ID#
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

San Joaquin County
Environmental Health Department

304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
(209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

PAYMENT RECEIVED COPY
JAN 30 2006
SITE MITIGATION UNIT IV
SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location ~~NE of Farmington~~ 9398 Hwy 4 S. of Farmington Rd Cross Street Kaiser City Stockton Zip _____ Assessors Parcel# 181-020-19

PROPERTY Owner FJS Ranches PTP Address 2928 Dwight Way City Stockton Zip 95204 Phone# 209-463-1456

C-57 Contractor V&W Drilling Address P.O. Box 416 City Isleton Zip 95641 Lic# 720904 Phone# 916-777-4100

Consultant / Sub Cntr Kleinfelder, Inc. Address 2825 E. Myrtle St. City Stockton Lic# NA Phone# 209-948-1345

GIS Coordinates: X_____, Y_____, Township_____ Range_____ Section_____

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, OTHER*)
- ☐ SOIL BORING #_____
- ☒ WELL # MW-1
- ☐ *Other_____

☐ **DESTRUCTION** (choose type below)
- ☐ OVER-BORE. DIAMETER_____
- ☐ PRESSURE GROUT
- GROUT SPECIFICATIONS_____

COMMENTS:_____

TYPE OF WELL	INSTALLATION TYPE	CONSTRUCTION SPECIFICATIONS
☒ MONITORING	☒ HOLLOW STEM	DIA. OF BOREHOLE 8" ☐ MULTIPLE CASINGS ☐ MULTI-LEVEL WELL CASING DIA: 2"
☐ EXTRACTION	☐ AIR HAMMER/DRIVEN	CASING THICKNESS Sch 40 TYPE OF CASING: ☐ STEEL ☒ PVC ☐ OTHER: _____
☐ VAPOR	☐ MUD ROTARY	DEPTH OF GROUT SEAL_____ TREMIE TYPE TO BE USED: ☒ AUGERS ☐ HOSE
☐ AIR SPARGE/ OZONE	☐ PUSH POINT (GP or CPT)	GROUT SEAL PUMPED: ☐ Yes ☐ No **(NOTE: MAXIMUM FREE-FALL DEPTH IS 30')**
☐ SOIL BORING	☐ HAND AUGER	GROUT SPECIFICATIONS Neat cement w/4% Bentonite powder
☐ OTHER:_____	☐ OTHER_____	APPROX. BORING DEPTH 80' ☐ BOLTED TRAFFIC BOX or ☒ STOVE PIPE
		CONDUCTOR CASING PROPOSED NA (if YES, list specifications in comment section)

COMMENTS:_____

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws.

Signed x [signature] Title/Company Proj. Geologist / Kleinfelder

Print Name Joe Zales Date 1/30/06

DEPARTMENT USE ONLY

SITE MAP IN UNIT IV FILE, ADDRESS: "Mariposa Lakes - E. Hwy 4" 29.65

WORK PLAN DATED: Dec 2, 05

Application Accepted By [signature] Date Issued 2-6-06 Area 068

Grout Inspection By_____ Date_____ Final Inspection By_____ Date_____

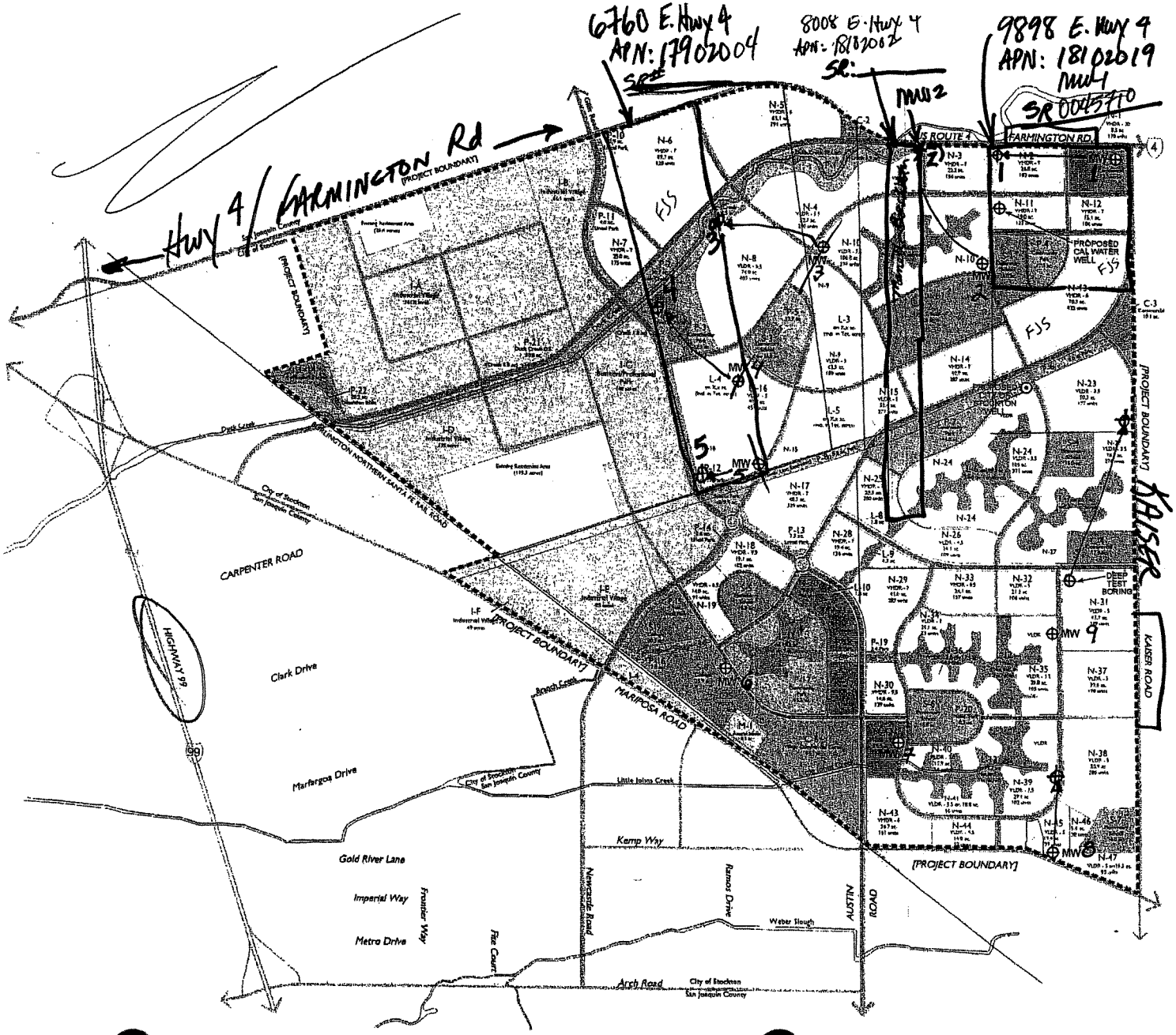
Destruction Inspection By_____ Date_____

COMMENTS / CONDITIONS:_____

ACCOUNTING ONLY:		AID#		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2907	MW	$89.00	12770	zl	1/30/06	SR# 0045710	

C-57 ✓ WC ✓ -WAIVER___ C-57 Letter of Authorization to sign permit ✓ Encroachment doc — access agreement OK in file

EHD 29-02-001
6/22/04



Mariposa Lakes

Stockton, California

Land Use Plan Concept O

Legend

Key	Land Use	
	Village Low Density Residential	1,058 ac
	Village Medium Density Residential	604 ac
	Village High Density Residential	56 ac
	Commercial	119 ac
	Industrial	851 ac
	Elementary/High Schools	150 ac
	College	46 ac
	Parks & Recreation	365 ac
	Existing Residential	146 ac
	Amtrack Inter-modal Station	8 ac
	Lakes (Phase I only)	78 ac
	Major Circulation (Roads & R.R.)	319 ac
	Total	3,800 ac

January 2, 2006

LAND PLANNER / LANDSCAPE ARCHITECT:

Rundall Planning and Design, Inc.
1475 N. Broadway Suite 290
Walnut Creek, California 94596

CONSULTANTS:

Spanier
1016 12th Street
Modesto, California 95354

Pacific Advanced Civil Engineering, Inc.
17510 Newport Street, Suite 200
Fountain Valley, CA 92708

InSite Environmental
6653 Embarcadero Drive, #Q
Stockton, CA 95219

N

SCALE: 1" = 1800'

0 900 1800 3600 5400

San Joaquin County
Environmental Health Department

304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
(209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

PAYMENT RECEIVED COPY
JAN 30 2006
SITE MITIGATION UNIT IV
SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location ~~NEC of Parcel, S. side of~~ 8008 Hwy 4 Cross Street Kaiser to E. City Stockton Zip _____ Assessors Parcel# 181-020-02

PROPERTY Owner Gloria A. Backham Address 1131 Oxford Way City Stockton Zip CA Phone# 209-465-7138
Farmington Rd. Manetti Trust

C-57 Contractor V&W Drilling Address P.O. Box 416 City Isleton Zip 95641 Lic# 720904 Phone# 916-777-4100

Consultant / Sub Cntr Kleinfelder, Inc. Address 2825 E. Myrtle St. City Stockton Lic# NA Phone# 209-948-1345

GIS Coordinates: X_____, Y_____, Township_____ Range_____ Section_____

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, **OTHER***)
- ☐ SOIL BORING #_____
- ☒ WELL # MW-2
- ☐ ***Other**_____

☐ **DESTRUCTION** (choose type below)
- ☐ OVER-BORE. DIAMETER_____
- ☐ PRESSURE GROUT
- GROUT SPECIFICATIONS_____

COMMENTS:_____

TYPE OF WELL	INSTALLATION TYPE
☒ MONITORING	☒ HOLLOW STEM
☐ EXTRACTION	☐ AIR HAMMER/DRIVEN
☐ VAPOR	☐ MUD ROTARY
☐ AIR SPARGE/ OZONE	☐ PUSH POINT (GP or CPT)
☐ SOIL BORING	☐ HAND AUGER
☐ OTHER:_____	☐ OTHER_____

CONSTRUCTION SPECIFICATIONS

DIA. OF BOREHOLE 8" ☐ MULTIPLE CASINGS ☐ MULTI-LEVEL WELL CASING DIA: 2"
CASING THICKNESS Sch 40 TYPE OF CASING: ☐ STEEL ☒ PVC ☐ OTHER: _____
DEPTH OF GROUT SEAL_____ TREMIE TYPE TO BE USED: ☒ AUGERS ☐ HOSE
GROUT SEAL PUMPED: ☐ Yes ☐ No **(NOTE: MAXIMUM FREE-FALL DEPTH IS 30')**
GROUT SPECIFICATIONS Neat cement w/4% Bentonite powder
APPROX. BORING DEPTH 80' ☐ BOLTED TRAFFIC BOX **or** ☒ STOVE PIPE
CONDUCTOR CASING PROPOSED NA (if **YES**, list specifications in comment section)

COMMENTS:_____

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws.

Signed x_____ Title/Company Proj. Geologist / Kleinfelder
Print Name JOE ZILCES Date 1/30/06

DEPARTMENT USE ONLY

SITE MAP IN UNIT IV FILE, ADDRESS: "Mariposa Lakes – E. Hwy 4"
WORK PLAN DATED: Dec 2, 05

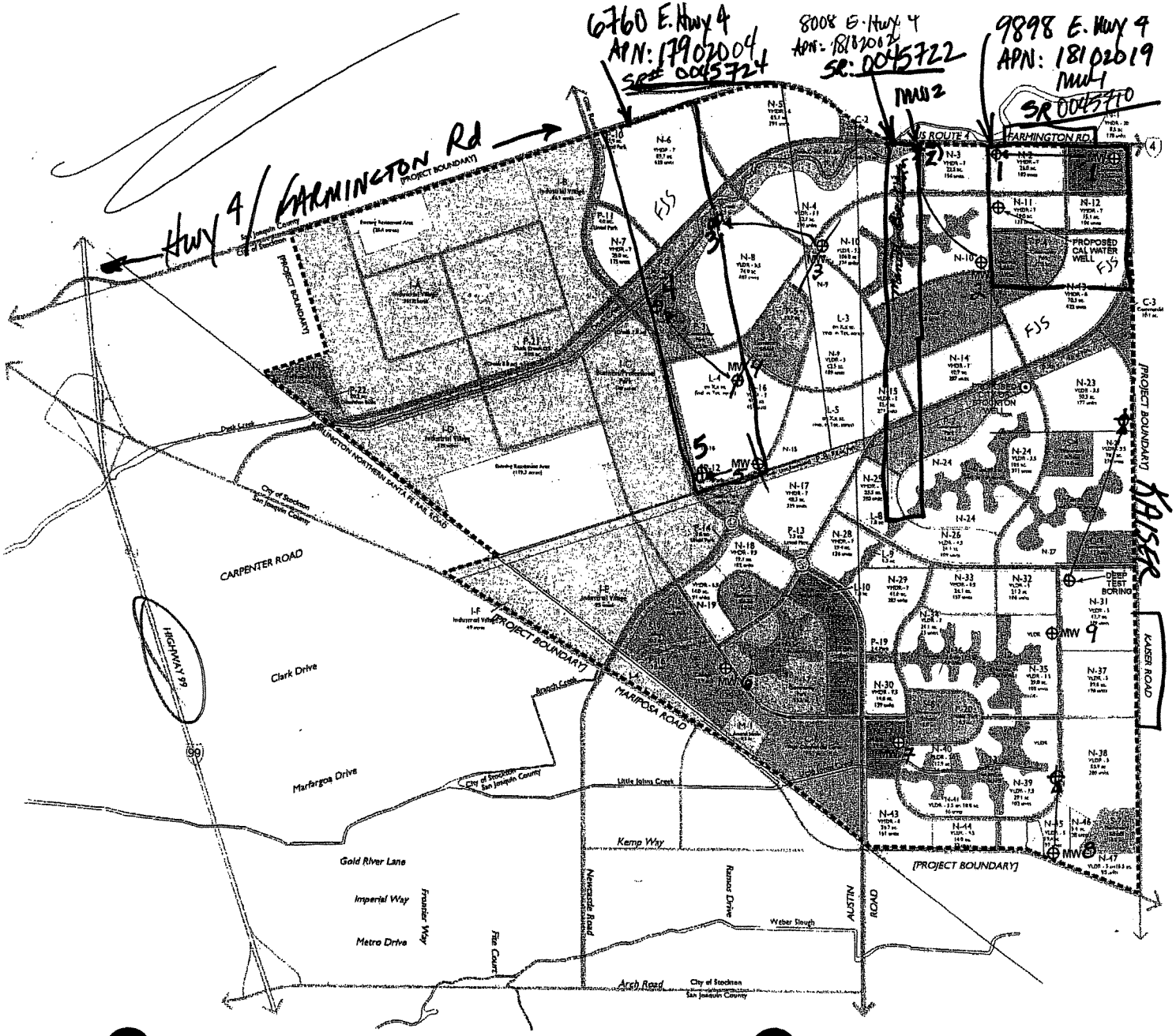
Application Accepted By_____ Date Issued 2-6-06 Area 068
Grout Inspection By_____ Date_____ Final Inspection By_____ Date_____
Destruction Inspection By_____ Date_____

COMMENTS / CONDITIONS:_____

ACCOUNTING ONLY:		AID#		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2907	NW	$89.00	12769	Zd	1/30/06	SR# 0045722	

C-57 ✓ WC ✓ -WAIVER___ C-57 Letter of Authorization to sign permit ✓ Encroachment doc___ access in file

EHD 29-02-001
6/22/04



Mariposa Lakes

Stockton, California

Land Use Plan Concept O

Legend

Key	Land Use	
	Village Low Density Residential	1,058 ac
	Village Medium Density Residential	604 ac
	Village High Density Residential	56 ac
	Commercial	119 ac
	Industrial	851 ac
	Elementary/High Schools	150 ac
	College	46 ac
	Parks & Recreation	365 ac
	Existing Residential	146 ac
	Amtrack Inter-modal Station	8 ac
	Lakes (Phase I only)	78 ac
	Major Circulation (Roads & R.R.)	319 ac
	Total	3,800 ac

January 2, 2006

LAND PLANNER / LANDSCAPE ARCHITECT:

Rundall Planning and Design, Inc.
1475 N. Broadway Suite 290
Walnut Creek, California 94596

CONSULTANTS:

Stantec
1016 12th Street
Modesto, California 95354

Pacific Advanced Civil Engineering, Inc.
17520 Newport Street, Suite 300
Fountain Valley, CA 92708

InSite Environmental
6653 Embarcadero Drive, #Q
Stockton, CA 95219

N

SCALE: 1" = 1800'

0 900 1800 3600 5400

San Joaquin County
Environmental Health Department

304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
(209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

PAYMENT RECEIVED JAN 30 2006 SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

COPY

SITE MITIGATION UNIT IV

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location ~~W. Side of Parcel (APN 5)~~ 6760 Hwy 4 (APN 5) Cross Street NA City Stockton Zip _____ Assessors Parcel# 179-020-04
S. of Duck Creek, E. Side of Parcel (3-4)

PROPERTY Owner FJS Ranches PTP Address 2928 Dwight Way City Stockton Zip 95204 Phone# 209-463-1456

C-57 Contractor V&W Drilling Address P.O. Box 416 City Isleton Zip 95641 Lic# 720904 Phone# 916-777-4100

Consultant / Sub Cntr Kleinfelder, Inc. Address 2825 E. Myrtle St. City Stockton Lic# NA Phone# 209-948-1345

GIS Coordinates: X_____, Y_____, Township_____ Range_____ Section_____

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, OTHER*)
- ☐ SOIL BORING #_____
- ☒ WELL # MW-3, MW-4, MW-5
- ☐ *Other_____

☐ **DESTRUCTION** (choose type below)
- ☐ OVER-BORE. DIAMETER_____
- ☐ PRESSURE GROUT
- GROUT SPECIFICATIONS_____

COMMENTS:_____

TYPE OF WELL	INSTALLATION TYPE	CONSTRUCTION SPECIFICATIONS
☒ MONITORING	☒ HOLLOW STEM	DIA. OF BOREHOLE 8" ☐ MULTIPLE CASINGS ☐ MULTI-LEVEL WELL CASING DIA: 2"
☐ EXTRACTION	☐ AIR HAMMER/DRIVEN	CASING THICKNESS Sch 40 TYPE OF CASING: ☐ STEEL ☒ PVC ☐ OTHER: _____
☐ VAPOR	☐ MUD ROTARY	DEPTH OF GROUT SEAL_____ TREMIE TYPE TO BE USED: ☒ AUGERS ☐ HOSE
☐ AIR SPARGE/ OZONE	☐ PUSH POINT (GP or CPT)	GROUT SEAL PUMPED: ☐ Yes ☐ No **(NOTE: MAXIMUM FREE-FALL DEPTH IS 30')**
☐ SOIL BORING	☐ HAND AUGER	GROUT SPECIFICATIONS Neat cement w/4% Bentonite powder
☐ OTHER:_____	☐ OTHER_____	APPROX. BORING DEPTH 80' ☐ BOLTED TRAFFIC BOX or ☒ STOVE PIPE
		CONDUCTOR CASING PROPOSED NA (if **YES**, list specifications in comment section)

COMMENTS:_____

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws.

Signed x_____ Title/Company Proj. Geologist / Kleinfelder

Print Name Joel Eiles Date 1/30/06

DEPARTMENT USE ONLY

SITE MAP IN UNIT IV FILE, ADDRESS: "Mariposa Lakes - E. Hwy 4" 29.65

WORK PLAN DATED: Dec 5, 2005

Application Accepted By _____ Date Issued 2-6-06 Area 0684

Grout Inspection By_____ Date_____ Final Inspection By_____ Date_____

Destruction Inspection By_____ Date_____

COMMENTS / CONDITIONS:_____

ACCOUNTING ONLY:		AID#		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2907	MW	$89.00	12768	Zl	4/30/06	SR# 0045724	

C-57 ✓ WC ___-WAIVER___ C-57 Letter of Authorization to sign permit ✓ Encroachment doc ✓ access in file

EHD 29-02-001
6/22/04

Mariposa Lakes

Stockton, California

Land Use Plan Concept O

Legend

Key	Land Use	
	Village Low Density Residential	1,058 ac
	Village Medium Density Residential	604 ac
	Village High Density Residential	56 ac
	Commercial	119 ac
	Industrial	851 ac
	Elementary/High Schools	150 ac
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	Amtrack Inter-modal Station	8 ac
	Lakes (Phase I only)	78 ac
	Major Circulation (Roads & R.R.)	319 ac
	Total	3,800 ac

January 2, 2006

LAND PLANNER / LANDSCAPE ARCHITECT:
Rundell Planning and Design, Inc.
1475 N. Broadway Suite 290
Walnut Creek, California 94596

CONSULTANTS:
Stantec
1016 12th Street
Modesto, California 95354

Pacific Advanced Civil Engineering, Inc.
17520 Newport Street, Suite 200
Fountain Valley, CA 92708

inSite Environmental
6653 Embarcadero Drive, #102
Stockton, CA 95219

N

SCALE: 1" = 1800'

0 900 1800 3600 5400

COPY

SITE MITIGATION UNIT IV

San Joaquin County
Environmental Health Department

304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
(209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

RECEIVED FEB 7 2006 ENVIRONMENT HEALTH PERMIT/SERVICES

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location 7119 E. MARIPOSA Rd Street AUSTIN Rd City Stockton Zip _____ Assessors Parcel# 179-020-002

PROPERTY Owner Esformes Ranch Properties Address P.O. Box 239 City Tracy Zip CA Phone# 209-463-2310

C-57 Contractor V&W Drilling Address P.O. Box 416 City Isleton Zip 95641 Lic# 720904 Phone# 916-777-4100

Consultant / Sub Cntr Kleinfelder, Inc. Address 2825 E. Myrtle St. City Stockton Lic# NA Phone# 209-948-1345

GIS Coordinates: X_____, Y_____, Township_____ Range_____ Section_____

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, **OTHER***)
- ☐ SOIL BORING #
- ☒ WELL # MW-6, MW-7, MW-9
- ☐ *Other

☐ **DESTRUCTION** (choose type below)
- ☐ OVER-BORE. DIAMETER_____
- ☐ PRESSURE GROUT
- GROUT SPECIFICATIONS_____

COMMENTS:_____

TYPE OF WELL	INSTALLATION TYPE
☒ MONITORING	☒ HOLLOW STEM
☐ EXTRACTION	☐ AIR HAMMER/DRIVEN
☐ VAPOR	☐ MUD ROTARY
☐ AIR SPARGE/ OZONE	☐ PUSH POINT (GP or CPT)
☐ SOIL BORING	☐ HAND AUGER
☐ OTHER:_____	☐ OTHER_____

CONSTRUCTION SPECIFICATIONS

DIA. OF BOREHOLE 8" ☐ MULTIPLE CASINGS ☐ MULTI-LEVEL WELL CASING DIA: 2"

CASING THICKNESS Sch 40 TYPE OF CASING: ☐ STEEL ☒ PVC ☐ OTHER:_____

DEPTH OF GROUT SEAL_____ TREMIE TYPE TO BE USED: ☒ AUGERS ☐ HOSE

GROUT SEAL PUMPED: ☐ Yes ☐ No **(NOTE: MAXIMUM FREE-FALL DEPTH IS 30')**

GROUT SPECIFICATIONS Neat cement w/4% Bentonite powder

APPROX. BORING DEPTH 80' ☐ BOLTED TRAFFIC BOX **or** ☒ STOVE PIPE

CONDUCTOR CASING PROPOSED NA (if **YES**, list specifications in comment section)

COMMENTS:_____

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws.

Signed x_____ Title/Company Proj Geologist

Print Name Joe Zilles Date 2/2/06

DEPARTMENT USE ONLY

29.65

SITE MAP IN UNIT IV FILE, ADDRESS: Mariposa Lakes Dev - "E. Hwy 4"

WORK PLAN DATED: 2 Dec 05

Application Accepted By_____ Date Issued 2/8/06 Area 0684

Grout Inspection By_____ Date_____ Final Inspection By_____ Date_____

Destruction Inspection By_____ Date_____

COMMENTS / CONDITIONS:_____

ACCOUNTING ONLY:		AID#		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2907	MW	89.	12766	Cate	2/7	SR# 0045757	

C-57 ✓ WC ✓ -WAIVER___ C-57 Letter of Authorization to sign permit___ Encroachment doc___ access signed

EHD 29-02-001
6/22/04

Mariposa Lakes

Stockton, California

Land Use Plan Concept O

Legend

Key	Land Use	
	Village Low Density Residential	1,058 ac
	Village Medium Density Residential	604 ac
	Village High Density Residential	56 ac
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	Industrial	851 ac
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	Major Circulation (Roads & R.R.)	319 ac
	Total	3,800 ac

January 2, 2006

LAND PLANNER / LANDSCAPE ARCHITECT:

Rundell Planning and Design, Inc.
1475 N. Broadway Suite 290
Walnut Creek, California 94596

CONSULTANTS:

Stantec
1016 12th Street
Modesto, California 95354

Pacific Advanced Civil Engineering, Inc.
17520 Newport Street, Suite 200
Fountain Valley, CA 92708

InSite Environmental
6653 Embarcadero Drive, #12
Stockton, CA 95219

N

SCALE: 1" = 1800'

0 900 1800 3600 5400

COPY

San Joaquin County
Environmental Health Department

304 East Weber Avenue, 3rd Floor, Stockton, CA 95202
(209) 468-3449 Fax: (209) 468-3433 Web: www.sjgov.org/ehd

RECEIVED FEB - 7 2006 ENVIRONMENT HEALTH PERMIT/SERVICES

SITE MITIGATION UNIT IV

Well Permit Application

NON-REFUNDABLE PERMIT EXPIRES 1 YEAR FROM DATE ISSUED

Application is hereby made to San Joaquin County for a permit to construct and/or install the work described. This application is made in compliance with San Joaquin County Development Title, Chapter 9-1115.3 and the Standards of San Joaquin County Environmental Health Department.

WELL Location 9345 E Mariposa Cross Street Mariposa City Stockton Zip _____ Assessors Parcel# 181-040-16

PROPERTY Owner Edward Lagorio Address 2343 Pinasco Road City Stockton Zip 95215 Phone# 209-931-0732

C-57 Contractor V&W Drilling Address P.O. Box 416 City Isleton Zip 95641 Lic# 720904 Phone# 916-777-4100

Consultant / Sub Cntr Kleinfelder, Inc. Address 2825 E. Myrtle St City Stockton Lic# NA Phone# 209-948-1345

GIS Coordinates: X_____, Y_____, Township_____ Range_____ Section_____

WORK TO BE PERFORMED:

☒ **NEW WELL / BORING** (CPT, GEOPROBE, HYDROPUNCH, HAND-AUGER, **OTHER***)
- ☐ SOIL BORING #_____
- ☒ WELL # MW-8
- ☐ *Other_____

☐ **DESTRUCTION** (choose type below)
- ☐ OVER-BORE. DIAMETER_____
- ☐ PRESSURE GROUT
- GROUT SPECIFICATIONS_____

COMMENTS:_____

TYPE OF WELL	INSTALLATION TYPE	CONSTRUCTION SPECIFICATIONS
☒ MONITORING	☒ HOLLOW STEM	DIA. OF BOREHOLE 8" ☐ MULTIPLE CASINGS ☐ MULTI-LEVEL WELL CASING DIA: 2"
☐ EXTRACTION	☐ AIR HAMMER/DRIVEN	CASING THICKNESS Sch 40 TYPE OF CASING: ☐ STEEL ☒ PVC ☐ OTHER: _____
☐ VAPOR	☐ MUD ROTARY	DEPTH OF GROUT SEAL_____ TREMIE TYPE TO BE USED: ☒ AUGERS ☐ HOSE
☐ AIR SPARGE/ OZONE	☐ PUSH POINT (GP or CPT)	GROUT SEAL PUMPED: ☐ Yes ☐ No **(NOTE: MAXIMUM FREE-FALL DEPTH IS 30')**
☐ SOIL BORING	☐ HAND AUGER	GROUT SPECIFICATIONS Neat cement w/4% Bentonite powder
☐ OTHER:_____	☐ OTHER_____	APPROX. BORING DEPTH 80' ☐ BOLTED TRAFFIC BOX **or** ☒ STOVE PIPE
		CONDUCTOR CASING PROPOSED NA (if **YES**, list specifications in comment section)

COMMENTS:_____

NOTE: OFFSITE BORINGS REQUIRE ACCESS AGREEMENT OR ENCROACHMENT PERMITS.

48 WORKING HOURS NOTICE REQUIRED FOR INSPECTIONS.

I hereby certify that I have prepared this application and that the work will be done in accordance with San Joaquin County Ordinances, Rules and Regulations, and all applicable California State Laws.

Signed x_____ Title/Company Proj. Geologist

Print Name Joe Zilles Date 2/1/06

DEPARTMENT USE ONLY

SITE MAP IN UNIT IV FILE, ADDRESS: E. Hwy 4 - Mariposa Rd

WORK PLAN DATED: 2 DEC 05

Application Accepted By_____ Date Issued 2/9/06 Area 0684

Grout Inspection By_____ Date_____ Final Inspection By_____ Date_____

Destruction Inspection By_____ Date_____

COMMENTS / CONDITIONS:_____

ACCOUNTING ONLY:		AID#		FAC#			
PE CODES	FEE INFO	AMOUNT REMITTED	CHECK #	REC'D BY	DATE	PERMIT / SERVICE REQUEST #	INVOICE
2907	MW	89	12767	Cnth	2/8	SR# 0045768	

C-57 ✓ WC ✓ -WAIVER___ C-57 Letter of Authorization to sign permit ✓ Encroachment doc___ access

EHD 29-02-001
6/22/04

Mariposa Lakes

Stockton, California

Land Use Plan Concept O

Legend

Key	Land Use	
	Village Low Density Residential	1,058 ac
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	College	46 ac
	Parks & Recreation	365 ac
	Existing Residential	146 ac
	Amtrack Inter-modal Station	8 ac
	Lakes (Phase 1 only)	78 ac
	Major Circulation (Roads & R.R.)	319 ac
	Total	3,800 ac

January 2, 2006

LAND PLANNER / LANDSCAPE ARCHITECT:

Randall Planning and Design, Inc.
1475 N. Broadway Suite 290
Walnut Creek, California 94596

CONSULTANTS:

Sunrce
1016 12th Street
Modesto, California 95354

Pacific Advanced Civil Engineering, Inc.
17520 Newport Street, Suite 300
Fountain Valley, CA 92708

InSite Environmental
6643 Embarcadero Drive, #Q
Stockton, CA 95219

N

SCALE: 1" = 1800'

0 900 1800 3600 5400

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			USCS SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	GRAVELS (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH OVER 12% FINES	GM	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SANDS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH LITTLE OR NO FINES	SW	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			SP	POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
			SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid limit less than 50)		ML	INORGANIC SILTS & VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (Liquid limit greater than 50)		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENT

KA-USCS STO6G031.GPJ 3/21/06

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

UNIFIED SOIL CLASSIFICATION SYSTEM
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
A-1

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LOG SYMBOLS

BULK / BAG SAMPLE	
MODIFIED CALIFORNIA SAMPLER (2-1/2 inch outside diameter)	
CALIFORNIA SAMPLER (3 inch outside diameter)	
STANDARD PENETRATION SPLIT SPOON SAMPLER (2 inch outside diameter)	
CONTINUOUS CORE	
N/R	NO SAMPLE RECOVERY
WATER LEVEL (level where first encountered)	
WATER LEVEL (level after completion)	
SOIL CONTACT NOTED WITHIN SAMPLE INTERVAL	
SOIL CONTACT INFERRED BETWEEN SAMPLE INTERVALS	
	SOLID PIPE BACKFILLED WITH CEMENT GROUT
	SOLID PIPE BACKFILLED WITH BENTONITE MATERIAL
	SOLID PIPE BACKFILLED WITH SAND
	SLOTTED PIPE BACKFILLED WITH SAND
	NO PIPE BACKFILLED WITH BENTONITE MATERIAL
	NO PIPE BACKFILLED WITH SAND
	NO PIPE BACKFILLED WITH NATIVE SOIL
FID	FLAME IONIZATION DETECTOR
PID	PHOTO IONIZATION DETECTOR

GENERAL NOTES

1. *Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual.*
2. *No warranty is provided as to the continuity of soil conditions between individual sample locations.*
3. *Logs represent general soil conditions observed at the point of exploration on the date indicated.*
4. *In general, Unified Soil Classification System designations presented on the logs were evaluated by visual methods only. Therefore, actual designations (based on laboratory tests) may vary.*

KA-WELL_KEY STO6G031.GPJ 3/21/06

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG KEY
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
A-2

Copyright Kleinfelder, Inc. 2005

Surface Conditions:	Dirt field, some sprouts	Date Completed:	2/7/2006
Groundwater:	Groundwater encountered at a depth of approximately 85 feet below existing site grade.	Logged By:	JR
		Total Depth:	96.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft (FIELD)	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark brown, moist	
5		1	46			**(SM) SILTY SAND** - Brown, slightly moist, dense, medium to very fine sand	
10		2	54			**(ML) CLAYEY SILT WITH SAND** - Brown, slightly moist, hard, fine to medium and	
15		3	88			**(CL) SILTY CLAY** - Red-brown, moist, hard, some fine sand	
20		4	46			**(SM) SILTY SAND** - Red-brown, moist, dense, some clay, medium to fine sand	
25		5	41			**(SP) SAND** - Yellowish brown, moist, dense, medium to very fine sand, trace silts	

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-1
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
1 of 4
A-3

SAC 2005 STO6G031.GPJ 3/21/06

Copyright Kleinfelder, Inc. 2004

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(SC) CLAYEY SAND - Brown, slightly moist, very dense, medium to very fine grained	
30		6	91				
35		7	59			**(CL) SANDY SILT CLAY** - Light olive-brown, moist, hard, fine sands	
40		8	85			**(SP) SAND** - Dark brown spotted black, moist, very dense, medium to very fine grained	
45		9	56			**(CL) SANDY CLAY** - Brownish yellow, moist, hard, fine sand	
50		10	79			**(CL) SILTY CLAY** - Yellowish brown, slightly moist, hard, trace fine sand	
55		11	68			**(ML) SILT** - Strong brown, moist, hard, some clay and fine sands	
60							

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-1
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
2 of 4

A-3

SAC 2005 STO6G031.GPJ 3/21/06

Copyright Kleinfelder, Inc. 2004

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	55			**(CL) SANDY CLAY** - Yellowish brown, moist, hard, fine sand	
65		13	57			**(ML) SANDY SILT** - Reddish brown, slightly most, hard, fine to medium sands	
70		14	53			**(ML) SANDY SILT** - Yellow red, moist, hard, fine sand	
75		15	29			**(CL) SILTY CLAY** - Olive-brown, moist, very stiff	
80		16	57			**(ML) SANDY CLAYEY SILT** - Olive-brown, slightly moist, hard, fine to very fine sand	
85		17	54			**(SM) SILTY SAND** - Dark brown, very moist, dense, fine grained	
90		18	21			**(SP) SAND** - Light yellowish-brown, wet, medium dense, coarse to fine sands, trace fine gravel	

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-1
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
3 of 4
A-3

SAC 2005 STO6G031.GPJ 3/21/06

Copyright Kleinfelder, Inc. 2004

Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
95		19	50			**(SC) CLAYEY SAND** - Brown, wet, dense, trace fine gravel, fine to coarse sand	
						Well completed at a depth of approximately 96.5 feet below existing site grade.	
100							
105							
110							
115							
120							

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-1
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
4 of 4

A-3

SAC 2005 STO6G031.GPJ 3/21/06

Copyright Kleinfelder, Inc. 2004

Surface Conditions:	Dirt road	Date Completed:	2/8/2006
Groundwater:	Groundwater encountered at a depth of approximately 80 feet below existing site grade.	Logged By:	JR
		Total Depth:	91.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark brown, moist	
5		1	94			Yellowish brown, slight moist, hard	
10		2	65			**(ML) CLAYEY SILT** - Dark yellowish brown, slightly moist, hard	
15		3	80			**(SM) SILTY SAND** - Yellowish brown, moist, very dense, medium to fine sands (Increasing fine sands)	
20		4	36			**(CL) SILTY CLAY** - Dark yellowish brown, moist, very stiff, trace coarse sand	
25		5	88			**(ML) SANDY SILT** - Yellowish brown, moist, hard, fine sands, medium sands present	

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MARIPOSA LAKES
STOCKTON, CALIFORNIA

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30		6	28			Trace clay, fine to very fine sand, brown, very stiff	
35		7	72			**(CL) SILTY CLAY** - Light olive-brown, moist, hard	
40		8	51			**(CL) SANDY CLAY** - Light olive-brown, moist, hard, fine to very fine sands	
45		9	96			Brown	
50		10	75			**(ML) CLAYEY SILT** - Yellowish brown, moist, hard, some coarse medium sand	
55		11	71			**(ML) CLAYEY SANDY SILT** - Brown, moist, hard, medium to very fine sands	
60							

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	89			**(SM) SILTY SAND** - Dark reddish brown, moist, very dense, medium to very fine sand	
65		13	97			**(SC) CLAYEY SAND** - Dark reddish brown, moist, very dense, medium very fine sand	
70		14	46			**(ML) SANDY SILT** - Reddish brown, moist, hard, fine sand, trace medium sand	
75		15	57			**(CL) SILTY CLAY** - Dark yellowish brown, moist, hard	
80		16	47			**(SM) SILTY SAND** - Olive-brown, wet, dense, medium to very fine sand	
85		17	44			**(CL) SANDY CLAY** - Olive, wet, hard, medium to very fine sand	
90		18	22			**(SP) SAND** - Dark brown, wet, medium dense, trace silt, medium to very fine sand	

Well completed at a depth of approximately 91.5 feet below existing site grade.

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Surface Conditions:	Dirt road	Date Completed:	2/8/2006
Groundwater:	Groundwater encountered at a depth of approximately 80 feet below existing site grade.	Logged By:	JR
		Total Depth:	91.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(ML) CLAYEY SANDY SILT - Dark brown, moist, medium to fine sand	
5		1	34			**(CL) CLAY** - Dark yellow-brown, moist, very stiff, trace silt	
10		2	78			**(ML) SILT** - Yellowish brown, moist, hard, trace clay	
15		3	53			**(CL) SILTY CLAY** - Yellowish brown, moist, hard	
20		4	85			**(ML) CLAYEY SILT** - Yellowish red, moist, hard	
25		5	96			**(CL) SILTY CLAY** - Olive-brown, moist, hard, trace medium to very fine sands	

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Depth (feet)	FIELD: Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30	■	6	83			Some medium to very fine sands, Yellowish brown	
35	■	7	65			**(ML) SANDY SILT** - Yellowish brown, mottled light olive brown, moist, hard, trace clay, fine to very fine sand, trace medium sand	
40	■	8	85			**(ML) SILT** - Light olive-brown, moist, hard, trace clay, trace medium to very fine sand	
45	■	9	76			Dark yellowish brown, trace fine sands	
50	■	10	55			**(ML) SILTY CLAY** - Dark yellowish brown, moist, hard, some medium to very fine sand	
55	■	11	85			**(SM) SILTY SAND** - Reddish brown, moist, very dense, coarse to fine sand	
60	■						

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	35			**(CL) CLAY** - Light olive-brown, mottled yellowish red, moist, hard, trace medium sand	
65		13	86				
70		14	38			**(ML) CLAYEY SILT** - Yellowish red, mottled light olive-brown, moist, hard, fine to medium sand	
75		15	50			**(SC) CLAYEY SAND** - Yellowish red, mottled light olive-brown, moist, dense, medium to very fine sand	
80		16	14		▼	**(SM) SILTY SAND** - Brown, wet, medium dense, medium to very fine sand	
85		17	31			**(SC) CLAYEY SAND** - Yellowish brown, wet, medium dense, coarse to fine sand	
90		18	62			**(ML) SANDY SILT** - Dark yellowish brown, moist, hard, trace clay, medium to fine sand	
						Well completed at a depth of approximately 91.5 feet below existing site grade.	

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MARIPOSA LAKES
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Surface Conditions:	Dirt road	Date Completed:	2/9/2006
Groundwater:	Groundwater encountered at a depth of approximately 75 feet below existing site grade.	Logged By:	JR
		Total Depth:	86.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark olive-gray, moist	
5		1	85			**(SP) SAND** - Brown, moist, very dense, medium to fine grained	
10		2	78			**(CL) SILTY CLAY** - Yellowish brown, mottled black, moist, hard, trace fine to medium sand	
15		3	41			**(SM) SILTY SAND** - Strong brown, moist, dense, medium to fine sand	
20		4	32			Dark yellowish brown	
25		5	17			**(SP) SAND** - Brown, moist, medium dense, medium grained	

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Depth (feet)	FIELD: Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30		6	15			**(ML) SANDY SILT** - Yellowish brown, moist, stiff, trace clay, fine sands	
35		7	33			**(CL) SANDY CLAY** - Yellowish brown, moist, very stiff, fine sand	
40		8	71			**(CL) SILTY SANDY CLAY** - Yellowish brown, mottled light yellowish brown, moist, hard, fine sands	
45		9	35			**(SC) CLAYEY SAND** - Dark yellowish brown, mottled light brownish gray, moist, medium dense, medium to fine sand	
50		10	47			**(CL) CLAY** - Light yellowish brown, mottled yellowish brown, moist, hard, medium to fine sand	
55		11	25			**(SP) SAND** - Olive yellow, very moist, medium dense, trace fine gravel, medium to coarse sand	
60							

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	20			**(ML) SILT** - Brown, moist, very stiff, trace medium sand	
65		13	89			**(CL) CLAY** - Brown, moist, hard, trace fine sand	
70		14	41			**(ML) SANDY SILT** - Strong brown, moist, hard, fine sand	
75		15	35			**(SM) SILTY SAND** - Brown, very moist, medium dense, medium to fine sand	
80		16	22			Dark yellowish brown, wet, coarse to fine sand	
85		17	14			Brown, fine to medium sand	
90						Well completed at a depth of approximately 86.5 feet below existing site grade.	

FIELD

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Surface Conditions:	Grass field	Date Completed:	2/10/2006
Groundwater:	Groundwater encountered at a depth of approximately 75 feet below existing site grade.	Logged By:	JR
		Total Depth:	91.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark brown, moist	
5		1	29			Dark yellowish brown, very stiff, trace medium sand	
10		2	38			Yellowish brown, hard, some fine to medium sand	
15		3	26			**(ML) SILT** - Yellowish brown, moist, very stiff, some fine to medium sand, trace clay	
20		4	50			**(ML) SANDY SILT** - Yellowish brown, moist, hard, some clay, medium to very fine sand	
25		5	52			Fine to medium sand	

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30		6	74			**(CL) SILTY CLAY** - Yellowish brown, moist, hard	
35		7	37			**(ML) CLAYEY SILT** - Yellowish brown, moist, very stiff, some medium to fine sand	
40		8	27			**(ML) SANDY SILT** - Strong brown, moist, very stiff, medium to fine sand	
45		9	57			Yellowish brown, hard	
50		10	74			**(SM) SILTY SAND** - Light olive-brown, moist, very dense, some clay, fine to medium sand	
55		11	80			Olive-brown, trace clay, medium to fine sand	
60							

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MARIPOSA LAKES
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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	48			**(SP) SAND** - Light yellowish brown, moist, dense, coarse to fine sand	
65		13	41			**(ML) SANDY SILT** - Light olive-brown, moist, hard, trace clay, fine to medium sand	
70		14	58			Light yellowish brown, fine sand	
75		15	54			**(SP) SAND** - Light yellowish brown, very moist, dense, medium to coarse sand	
80		16	76			**(ML) SANDY SILT** -Yellowish brown, moist, hard, medium to fine sand	
85		17	63			**(SM) SILTY SAND** - Brown, wet, very dense, fine to medium sand, no odor	
90		18	73			Light olive-brown, very moist	
						Well completed at a depth of approximately 91.5 feet below existing site grade.	

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Surface Conditions:	Dirt road with weeds	Date Completed:	2/13/2006
Groundwater:	Groundwater encountered at a depth of approximately 82.5 feet below existing site grade.	Logged By:	JR
		Total Depth:	96.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type (FIELD)	Sample No. (FIELD)	Blows/ft (FIELD)	PID (ppmv) (FIELD)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark brown, moist, medium stiff, trace fine sand	
5		1	46			Yellowish brown, hard	
10		2	19			**(ML) CLAYEY SILT** - Olive-brown, moist, stiff, some medium sand	
15		3	76			**(ML) SANDY SILT** - Yellowish brown, moist, hard, medium to fine sand	
20		4	85			**(ML) SANDY CLAYEY SILT** - Yellowish brown, moist, hard, medium to fine sand	
25		5	69			Brown	

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MARIPOSA LAKES
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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
30		6	35			**(ML) SANDY SILT** - Reddish brown, slightly moist, very stiff, fine sand	
35		7	42			**(SM) SILTY SAND** - Dark yellowish brown, moist, dense, fine sand	
40		8	33			**(SP) SAND** - Brown, moist, dense, fine grained	
45		9	42			**(ML)SANDY CLAYEY SILT** - Light yellowish brown, moist, hard, medium sand	
50		10	80			**(CL) SILTY SANDY CLAY** - Dark yellowish brown, moist, hard, fine sand, trace medium sand	
55		11	65			**(SP) SAND** - Dark brown, moist, very dense, fine to coarse	
60							

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	89			**(ML) SANDY CLAYEY SILT** - Light yellowish brown, moist, hard, medium to fine sand	
65		13	76			**(ML) SANDY SILT** - Brown, slightly moist, hard, medium to fine sand	
70		14	72			**(CL) SILTY CLAY** - Brown, moist, hard, some medium to fine sand	
75		15	29			**(ML) SILT** - Dark yellowish brown, moist, very stiff, some fine to medium sand, trace clay	
80		16	48			**(ML) SANDY SILT** - Yellowish brown, mottled light olive-brown, moist, hard, some clay, fine sand	
85		17	17			**(SP) GRAVELLY SAND** - Brownish yellow, very moist, medium dense, medium to coarse sand, fine gravel	
						(ML) SANDY SILT - Brown, moist, medium dense, fine sand	
90		18	89			**(SM) SILTY SAND** - Dark brown, wet, very dense, fine sand	

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
95		19	37			**(SP) SAND** - Dark brown, wet, dense, fine sand, trace of silt	
						Well completed at a depth of approximately 96.5 feet below existing site grade.	
100							
105							
110							
115							
120							

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MARIPOSA LAKES
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Surface Conditions:	Grass/Weeds	Date Completed:	2/15/2006
Groundwater:	Groundwater encountered at a depth of approximately 82 feet below existing site grade.	Logged By:	CC
		Total Depth:	93.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(ML/CL) SILT/CLAY - Medium to dark gray-brown, moist, soft to medium stiff, some fine sand, organic	
						Grades to medium yellow-brown, very stiff	
5		1	50/6"			**(ML) SANDY SILT** - Medium yellow brown, moist, very stiff to hard, fine sands	
10		2	50/6"				
						(SM) SILTY FINE SAND - Medium yellow-brown to medium gray-brown, moist, dense	
15		3	50/6"				
20		4	50/6"			Medium yellow-brown	
25		5	46			**(SM) SILTY SAND** - Medium yellow-brown to medium olive-brown, moist, medium dense, fine to some medium sand, trace, clay	
						(ML) FINE SANDY SILT - Medium gray-brown, moist, very stiff	

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	W Const.
						to hard, trace clay	
30		6	50/6"				
35		7	52			**(SM/ML) SILTY FINE SAND** - Medium yellow-brown, moist, medium dense, interbedded with silt, tracy clay	
40		8	50/6"			**(SM) FINE SAND WITH SILT** - Medium to dark yellow-brown, moist, dense, no clay (less silts)	
45		9	21			**(SP/SM) MOSTLY SAND** - Medium to dark brown, moist, loose with interbeds (~1-2" thick) of silty fine sand,	
50		10	21			**(ML) FINE SANDY SILT** - Medium gray-brown, moist, some clay, medium stiff, interbeded with silty fine sand, loose to medium dense	
55		11	27			**(ML) FINE SANDY SILT WITH CLAY** - Medium yellow-brown with yellow mottling, moist, medium stiff to stiff	
60							

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	31			**(SP) SAND** - Medium to dark brown, moist, medium dense, mostly fine to medium grained, some lenses with trace silt, no clay	
65		13	38			Trace fine gravel up to 1/2" subrounded to well rounded	
						(SM) SILTY FINE SAND - Medium gray-brown, moist, interbedded with above sand, some clay	
70		14	38			**(SP/SM) SAND** - Dark brown,moist, medium dense, fine to medium rained, trace silt, interbedded with fine sandy silt, with trace of clay (layers approximately 3-4" thick)	
75		15	58/6"			**(ML/SM) FINE SANDY SILT/SILTY FINE SAND** - Medium gray-brown to medium yellow-brown mottling,hard/dense	
80		16	48			**(CL) FINE SANDY CLAY** - Mottled yellow-brown to red brown, moist, very stiff, some silt, non to low plasticity	
85		17	20			**(SM/CL) INTERBEDDED SILTY FINE SAND** - Medium to dark yellow brown, wet, loose and fine sandy clay, medium stiff	
90		18	65/6"			**(SP) SAND** - Medium to dark brown, wet, very dense, tracy silt, mostly fine to medium	

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Depth (feet)	FIELD: Sample Type	FIELD: Sample No.	FIELD: Blows/ft	FIELD: PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		19	50/6"			Well completed at a depth of approximately 93.5 feet below existing site grade.	
95							
100							
105							
110							
115							
120							

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MARIPOSA LAKES
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Surface Conditions:	Bare ground, edge of farm field	Date Completed:	2/14/2006
Groundwater:	Groundwater encountered at a depth of approximately 84.5 feet below existing site grade.	Logged By:	CC
		Total Depth:	96.5 feet
Method:	Hollow Stem Auger	Boring Diameter:	8"
Equipment:	BK-81		

Depth (feet)	Sample Type	Sample No.	Blows/ft (FIELD)	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
						(CL) SILTY CLAY - Dark brown, moist, medium stiff, medium plasticity	
5		1	32			**(SM) SILTY FINE SAND** - Medium yellow-brown, moist, medium dense, no odor, no stain	
10		2	18			Loose	
						(ML) SANDY SILT - Medium yellow-brown to medium gray-brown, moist, stiff, 1-2" thick silty fine sand interbedded	
15		3	31				
20		4	50/6"			**(ML/SM) FINE SANDY SILT** - Medium gray-brown, moist, very stiff to hard, interbedded with silt	
25		5	65/6"			Medium gray-brown to medium brown, very hard, 1/2" thick lenses of fine silty sand	

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Const.
30		6	50/6"				
						(SP/SM) SAND WITH TRACE TO SOME SILT - Dark yellow brown, moist, mostly fine to medium grained, some coarse grains, medium dense nodules	
35		7	41				
40		8	39			**(SP) SAND** - Medium to dark brown, moist, fine to medium grained, some coarse sand, some with trace silt, medium dense, grains subrounded to well rounded	
45		9	50/6"			**(ML) SILT WITH DISPERSED FINE SAND** - Medium yellow brown, moist, very stiff to hard, fisured layers of white "salts", hard dark brown nodules	
50		10	54			Stiff to very stiff, breaks along horizontal layers of white salt like deposits	
55		11	50/6"			Very stiff to hard, some with trace fine sand, no horizontal zones of white "salt"	
60							

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-9
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
2 of 4

A-10

SAC 2005 STO6G031.GPJ 3/21/06

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
		12	32			**(ML) SILT WITH FINE SAND** - Medium gray-brown, moist, stiff to very stiff, trace clay	
65		13	72			**(ML) SILT WITH THIN LENSES OF SILTY FINE TO MEDIUM SAND** - Medium gray-brown, moist, very stiff to hard, tracy clay	
70		14	52			**(ML) CLAYEY SILT WITH SOME FINE SAND** - Olive-brown, light gray mottling, very moist, very stiff	
						(SP/SM) SAND/SAND WITH SOME SILT - Light to medium brown, moist, fine to medium grained, some coarse grains, subrounded to well rounded, mostly quartz	
75		15	23				
80		16	50/6"			**(ML) CLAYEY SILT** - Medium gray-brown, moist, very stiff to hard, trace fine sand	
85		17	39			**(ML/CL) SILT/CLAY** - Light to medium olive, moist, stiff, low plasticity	
90		18	25			Very moist to wet	

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-9
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
3 of 4
A-10

SAC 2005 STO6G031.GPJ 3/21/06

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Depth (feet)	Sample Type	Sample No.	Blows/ft	PID (ppmv)	Graphic Log	DESCRIPTION	Well Const.
95		19	50/6"			With some fine sand, medium to dar olive, wet, very stiff to hard	
						Well completed at a depth of approximately 96.5 feet below existing site grade.	
100							
105							
110							
115							
120							

FIELD

KLEINFELDER

Drafted By: G. GOMEZ
Date: 3/21/2006
Project No.: 63138
File Number: STO6G031

LOG OF WELL MW-9
MARIPOSA LAKES
STOCKTON, CALIFORNIA

PLATE
4 of 4

A-10

SAC 2005 STO6G031.GPJ 3/21/06

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APPENDIX B

KLEINFELDER

RECORD OF WATER LEVEL MEASUREMENTS

Job Number: 63138 Site: Mariposa Lakes By: Jaime Ricci

Well Number	Date	Time	Measuring Device/Setting	Measuring Point (M.P.)	Depth to Water from M.P.	M.P. Elevation	Water Level Elevation	Remarks Total Depth
MW-1	2/14/06	1000	Water Boss Conductivity Meter	Top of Casing	90.17			96.91
MW-2	↓	1010	↓	↓	83.82			93.15
MW-3	2/15/06	0919			81.74			90.32
MW-4		0929			78.86			87.26
MW-6	↓	0947	↓	↓	79.07			94.14
MW-7	2/16/06	0915			82.68			97.41
MW-8		0932			84.40			92.68
MW-9	↓		↓	↓	87.29			98.68

MW-9 ~ 1303 ft west of Kaiser Rd.

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/14/06

Well Number: MW-1 Sampler: Jaime Ricci Weather: Sunny / windy

Military Time	1053	1057	1104	1110									
Gallons Purged	0	1.15	2.30	3.45									
Purge Rate	– VARIABLE –												
pH	7.06	7.56	7.53	7.54									
Conductivity	365	39.0	364	364									
Temperature (°C)	16.6	16.7	16.3	16.1									
Salinity (0/00)													
Turbidity	Cloudy	More cloudy	More cloudy	more cloudy									
Color	Lt Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-1		1000mL			-	FGL	Disp Bailer		
		40mL	4	Ø					
		40mL	2	HCl	Ice				
		40mL	1		COC				
(12-11)		125mL							
		32 oz							HNO3 Field Filtered
		16 Oz							
		80z							
		80z							

Cleaning: TD – GWD = x = x 3 = GAL PURGED.

Comments: 96.91 – 90.17 = 6.74 x 0.17 = 1.15 x3 = 3.45

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/14/06

Well Number: MW-2 Sampler: Jaime Ricci Weather: Sunny/Windy

Military Time	1333	1338	1344	1351									
Gallons Purged	0	1.57	3.14	4.71									
Purge Rate	— VARIABLE —												
pH	8.04	8.02	7.95	7.86									
Conductivity	1000	897	809	717									
Temperature (°C)	17.0	16.7	16.6	16.7									
Salinity (0/00)	—	—	—	—									
Turbidity	Slcloudy	Cloudy	Cloudy	Cloudy									
Color	Very Lt Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-2						FGL	Disp Bailer		
		See COC							HNO_3 Field Filtered
(1439)									

Cleaning: TD − GWD = x = x 3 = GAL PURGED.

Comments: 93.15 − 83.82 = 9.33 x 0.17 = 1.57 x 3 = 4.71

M-21

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/15/06

Well Number: MW-3 Sampler: Jaime Ricci Weather: Sunny / Breezy

Military Time	1449	1453	1458	1503									
Gallons Purged	0	1.46	2.92	4.38									
Purge Rate	— VARIABLE —												
pH	8.22	8.05	7.99	7.97									
Conductivity	289	298	297	302									
Temperature (°C)	14.9	15.0	15.1	13.8									
Salinity (0/00)													
Turbidity	Slightly cloudy	Cloudy	Cloudy	Cloudy									
Color	Lt Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-3							Disp Bailer		
		See	COC						HNO_3 Field Filtered
(1554)									

Cleaning: TD − GWD = x = x 3 = GAL PURGED.

Comments: 90.32 − 81.74 = 8.58 x 0.17 = 1.46 x3 = 4.38

M.21

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/15/06

Well Number: MW-4 Sampler: Jaime Ricci Weather: Sunny / Breezy

Military Time	1312	1316	1323	1328									
Gallons Purged	0	1.43	2.86	4.29									
Purge Rate	– VARIABLE –												
pH	7.46	7.38	7.35	7.36									
Conductivity	594	589	584	584									
Temperature (°C)	14.4	14.4	14.3	13.2									
Salinity (0/00)	—			—									
Turbidity	Very cloudy	very cloudy	very cloudy	very cloudy									
Color	Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW 4						FGL	Disp Bailer		
	See		COC						HNO_3 Field Filtered
(1423)									

Cleaning: TD – GWD = x = x 3 = GAL PURGED.

Comments: 87.26 – 78.86 = 8.40 x 0.17 = 1.43 x3 = 4.29

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 4/15/06

Well Number: MW-6 Sampler: Jaime Ricci Weather: Sunny/Breezy

Military Time	1100	1111	1120	1130									
Gallons Purged	0	2.56	5.12	7.68									
Purge Rate	– VARIABLE –												
pH	7.41	7.52	7.55	7.58									
Conductivity	369	413	412	435									
Temperature (°C)	15.0	16.7	17.3	16.8									
Salinity (0/00)													
Turbidity	Cloudy	Cloudy	Cloudy	Cloudy									
Color	Lt. Brown	Lt. Brown	Lt. Brown	Lt. Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-6	See		C O C			FGL	Disp Bailer		HNO3 Field Filtered
(1222)									

Cleaning: TD – GWD = x = x 3 = GAL PURGED.

Comments: 94.14 – 79.07 = 15.05 x 0.17 = 2.56 x 3 = 7.68

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/16/06

Well Number: MW-7 Sampler: Jaime Rice Weather: Partly Cloudy

Military Time	1500	1508	1516	1525									
Gallons Purged	0	2.5	5	7.5									
Purge Rate	- VARIABLE -												
pH	7.93	7.88	7.85	7.83									
Conductivity	903	919	897	877									
Temperature (°C)	17.3	17.9	19.0	17.5									
Salinity (0/00)													
Turbidity	V. Sl. cloudy	cloudy	cloudy	cloudy									
Color	Lt Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-7	See		COC			TGL	Disp Bailer		
									HNO_3 Field Filtered
(1617)									

Cleaning: TD - GWD = x = x 3 = GAL PURGED.

Comments: 97.41 - 82.68 = 14.73 x 0.17 = 2.50 x 3 = 7.50

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/16/02

Well Number: MW-8 Sampler: Jaime Ricci Weather: Sunny / Nice

Military Time	1327	1351	1357	1342									
Gallons Purged	0	1.41	2.82	4.23									
Purge Rate	— VARIABLE —												
pH	7.85	7.82	7.81	7.74									
Conductivity	880	937	987	957									
Temperature (°C)	17.0	17.6	17.8	17.4									
Salinity (0/00)													
Turbidity	v. st. cloudy	Cloudy	Cloudy	Cloudy									
Color	Lt Brown	Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-8	See		6	DC	-	FGL	Disp. Bailer		HNO_3 Field Filtered
(1300)									

Cleaning: TD − GWD = x = x 3 = GAL PURGED.

Comments: 92.68 − 84.40 = 8.28 × 0.17 = 1.41 × 3 = 4.23

KLEINFELDER

PURGE CHARACTERIZATION AND SAMPLE LOG

Project Number: 63138 Project Name: Mariposa Lakes Date: 2/16/06

Well Number: MW-9 Sampler: James Ricci Weather: Sunny / Cool

Military Time	1020	1123	1131	1138									
Gallons Purged	0	2	4	6									
Purge Rate	-VARIABLE-												
pH	7.66	7.69	7.64	7.60									
Conductivity	792	1405	1213	1213									
Temperature (°C)	14.4	17.6	18.8	18.1									
Salinity (0/00)													
Turbidity	very slightly cloudy	slightly cloudy	cloudy	cloudy									
Color	clear	Lt Brown	Brown	Brown									
Water Level Casing													
Calibration	pH: 4-7-10						S.C.: 1413 µS/cm						

Sample #	Quantity	Volume	Type	Preserv.	Analysis	Lab	Sample Equip.	Purge Equip.	Field Comments
MW-9	5	40	CO	G	-	FGL	Disp Bailer		HNO3 Field Filtered
(1230)									

Cleaning: TD - GWD = X = X 3 = GAL PURGED.

Comments: 98.68 - 87.29 = 11.51 x 0.17 = 1.96 x 3 = 5.88

APPENDIX C

APPENDIX C
TYPICAL KLEINFELDER FIELD PROTOCOL

C-1 FIELD PREPARATION

Before performing work in the field, environmental staff reviews the scope of work, prepares a health and safety plan, coordinates the work to be done with their supervisor, assembles the necessary sample equipment containers, and checks, calibrates and cleans equipment to be used in the field. Underground Service Alert (USA) is also contacted by the drilling subcontractor prior to field work with the marked boring locations and the scheduled date of drilling, in addition, a utility locating firm is sometimes employed to check the boring locations.

C-2 DRILLING AND SUBSURFACE SOIL SAMPLING

C-2.1 Drilling

Soil borings are advanced using a truck-mounted drill rig, equipped with hollow stem augers. Subsurface soil samples are collected from the soil borings. While drilling, an experienced environmental geologist classifies the soil, logs the stratigraphy of the borings, and collects soil samples.

C-2.2 Qualitative Field Screening

An organic vapor detector, such as a Photovac TIP, using a photo-ionization detector (PID) or a Foxboro flame-ionization detector (FID), is used to provide a qualitative screening of each soil sample collected from the borings, when appropriate. The organic vapor detector measures ionizable compounds in the air in parts per million by volume (ppmv). Field calibration is performed using a calibrated span gas such as 100 ppm isobutylene. Ambient air is used to set the instrument to zero. The soil contained in the cone of the sampler or in a brass tube is exposed and screened with the organic vapor detector. The vapor reading is noted as the field screening result.

For the protection of the drilling crew, the organic vapor detector also is used to measure the volatile concentrations in the breathing zone prior to and while drilling the borings. Total ionizable hydrocarbon readings in excess of 1 ppmv may necessitate respiratory protection for the affected crew members. This requirement is included in the complete field health and safety plan developed for the project prior to the start of field work.

C-2.3 Collection of Soil Samples

Soil samples are collected approximately every 5 to 10 feet for field screening and logging. Samples are collected by advancing the boring to a point immediately above the desired sampling depth and then driving (vertical borings) or pushing (slant borings)

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a 2-inch diameter Modified California Split-Spoon Sampler, lined with three 6-inch long brass tubes, into the undisturbed soil. The sampler is then removed from the bottom of the boring. The ends of the bottom (third) tube are covered with Teflon and sealed with tight fitting plastic caps.

Each sample is individually labeled. The label includes Kleinfelder's name, job number, the date and time the sample was collected, the employee number of the individual who performed the sampling, and a unique five-digit sample identification number.

C-2.4 Hydropunch Groundwater Sampling

Hydropunch is a method to collect representative groundwater samples from boreholes without the need to install monitoring wells. This method is usually used as an exploration tool for screening groundwater quality and reducing the number of wells needed at a site.

A boring is drilled to the desired sampling depth, usually to the top of the groundwater surface, using hollow stem augers. The Hydropunch system, consisting of a steel drive point attached to a stainless steel barrel with an internal PVC slotted screen, is driven 2 to 3 feet past the bottom of the boring into the uppermost water bearing zone. The barrel is connected to the surface using clean, 2-inch diameter hollow steel rods. The barrel is then pulled back 1 to 2 feet exposing the internal PVC screen to the soil. Groundwater then enters the barrel through the screen under hydrostatic pressure and is brought to the surface with a clean, Teflon or stainless steel bailer. The samples are immediately labeled and placed in an iced sample container.

Equipment used for Hydropunch sampling is decontaminated prior to use at each sampling location by steam cleaning, or by scrubbing in a trisodium phosphate or non-phosphate detergent wash followed by a distilled water rinse.

C-2.5 Collection of BAT Probe Groundwater Samples

One time groundwater samples are collected using a BAT Probe, which is an insitu groundwater sampling device. The borings are first advanced to a point immediately above the desired sampling depth where groundwater is encountered. A stainless steel drive tip equipped with a stainless steel filter is lowered into the boring at the end of a 2.5-inch diameter galvanized steel pipe and pushed using the drill rig approximately 6 to 12 inches into the soil/aquifer formation at the bottom of the boring. A sterilized, glass, vacuum sealed sampling ampoule (tube), similar to a standard volatile organics (VOA) vial, is then lowered through the pipe down to the tip with a cable. Between the tip and the sample tube is a double-sided hypodermic needle (syringe), which simultaneously punctures the seals on the stainless steel drive tip and the septum of the glass sample ampoule. The vacuum in the sample ampoule draws groundwater through the tip into the glass ampoule. The glass ampoule is then pulled out of the pipe, disengaging the syringe. The septum in the glass ampoule and drive tip reseals after the syringe is removed.

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To reduce the potential for introducing contaminants into the samples, the drive tip, galvanized pipe, and other equipment used for sample collection are steam cleaned and/or washed with trisodium phosphate or non-phosphate detergent solution and double rinsed with distilled water prior to use. The sample probe and filters are cleaned in TSP solution and rinsed with methyl alcohol followed by a distilled water rinse prior to use. New, factory-sterilized syringe needles, O-rings, septa and sample tubes are used for each sample.

C-2.6 Sample Handling

After labeling, the sample is immediately stored in an iced cooler for transport to Kleinfelder's office sample control or to the analytical laboratory. A Kleinfelder chain-of-custody form accompanies the cooler. The chain-of-custody form includes Kleinfelder's name, address and telephone number, the employee number of the individual who performed the sampling, the sample numbers, the date and time the samples were collected, the number of containers each sample occupies, the sample matrix (soil or water) and the analyses for which the samples are being submitted, if any. The chain-of-custody form is signed by each person who handles the samples, including all Kleinfelder employees and the receiving employee of office sample control or the analytical laboratory when the samples are delivered.

C-2.7 Decontamination of Equipment

To reduce the potential for cross-contamination, augers and associated equipment are steam cleaned prior to drilling each boring. In addition, sampling equipment is cleaned with a trisodium phosphate or non-phosphate detergent wash and rinsed with distilled water prior to collecting each soil sample.

C-2.8 Soil Boring Closure and Cutting Disposal

Soil borings are closed immediately after the collection and logging of soil samples. Closure is accomplished by grouting the boring with a cement slurry or as otherwise required.

Drill cuttings will be placed in 55-gallon drums wrapped in plastic or spread around the boring and left on site for disposal by the site owner. If requested, Kleinfelder can coordinate disposal of soil and water after analytical results are available.

C-3 GROUNDWATER WELL INSTALLATION

C-3.1 Monitoring Well Construction

Construction details for shallow groundwater monitoring wells are as follows:

The well casing are 2- or 4-inch inside diameter, flush threaded joint, schedule 40 PVC pipe.

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The wells are constructed in 8- or 10-inch diameter borings.

Well screen sections are perforated with 0.010- or 0.020-inch factory-cut slots.

The wells are generally screened from 5 feet above to 15 feet below first groundwater. The screen length is reduced if an aquitard with a minimum thickness of 5 feet is encountered. If an apparent aquitard is encountered, the well is usually terminated 1 to 2 feet into the aquitard.

Effort is made not to screen across two aquifers. If confined aquifer conditions or high vadose zone contamination are encountered, the well screen is usually not set above the depth of first encountered groundwater. Wells are usually not set in areas of suspected significant soil contamination.

The PVC pipe and end caps are steam cleaned prior to installation.

The annular space between the screen and the wall of the boring is backfilled with the appropriate clean sand to approximately 2 feet above the top of the perforated sections. Based on soil logs or a sieve test, modifications may be made regarding the size of sand to be used. Installation of the sand may require that the sand be tremmied, using clean water.
A 3- to 5-foot bentonite plug is placed above the sand pack to provide a seal against surface water infiltration and to reduce the potential for cement grout to infiltrate into the water.

The remaining annular space is filled to the surface with cement/bentonite grout.

The wells are secured in an aboveground or underground locking stovepipe. The well heads may be enclosed in a water tight cement utility box set flush to the ground surface when located in a traffic area.

C-3.2 Monitoring Well Development

The wells are developed to reduce the effects of drilling on the formation and to increase the effective hydraulic radius of the wells.

Monitoring wells are generally developed 24 to 48 hours after installation to allow the grout to set. Each well is first sampled with a clear disposable bailer to visually inspect for a hydrocarbon layer or sheen. If no product layer or sheen is observed on the water, the well is developed by surging, pumping or bailing. Surging along the screened interval of the well is performed to draw the sediment from the formation into the filter pack and the well, and to set the sand pack. Development continues until the discharge runs relatively clear of fines. Approximately 5 to 10 well volumes are generally removed from each monitoring well. Discharge water is stored in 55-gallon drums and left on site

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for later discharge or disposal by the client, depending on laboratory results. The drums are labeled with the date, well number, and a contact person and phone number.

C-3.3 Equipment Decontamination

To reduce the potential for cross-contamination between wells, developing equipment is washed in a trisodium phosphate or non-phosphate detergent solution and rinsed in distilled water or steam cleaned prior to use in the next monitoring well.

C-3.4 Well Survey

The locations of soil borings and monitoring wells, and the elevation of the top of the PVC casings are usually surveyed and tied into permanent markers, if readily available. Survey accuracy is 0.1 foot for the "x" and "y" coordinates and .01 foot for the "z" coordinate. The depth to static groundwater is measured from a set location at the top of the PVC casing (usually the north rim). The depth of water is then subtracted from the elevation of the top of the well casing to provide a groundwater elevation for each monitoring well location.

C-4 GROUNDWATER MONITORING

C-4.1 Water Level Measurements

Water level measurements are made in the wells prior to purging and sampling the wells. Measurement protocol is as follows:

1. Prior to obtaining water level measurements, the monitoring wells would be opened and allowed to equilibrate for a period of approximately ½ hour.

2. The water level probe is decontaminated in a trisodium phosphate or non-phosphate detergent wash, followed by a distilled water rinse, prior to use in each well.

3. Water level measurements are made using a conductivity-based water-level meter. Depth-to-water is generally measured from a surveyed mark on the north rim of the PVC well casing.

The water level measurements are converted to elevations using the surveyed casing elevations.

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C-4.2 Groundwater Sampling

Groundwater samples are collected from the monitoring wells at the site. The sampling protocol for each well is as follows:

1. Down-well equipment (pumps, bailers, etc.) is decontaminated by steam cleaning, or by scrubbing in a trisodium-phosphate or non-phosphate detergent wash followed by a distilled water rinse, prior to use in each well. Bailer cord is replaced prior to use in each well.

2. The depth to groundwater is measured using a conductivity-based water-level meter.

3. The volume of water in gallons standing in the well is calculated by subtracting the depth to groundwater measurement from the depth of the well and multiplying by the appropriate conversion factor (0.16 for 2-inch wells, and 0.65 for 4-inch wells).

4. Three to five well volumes of water are purged from each well using a submersible pump, bladder pump, or Teflon bailer.

5. Physical parameters (pH, electrical conductivity, and temperature) are monitored for stability while purging. The physical parameter measurements are recorded on purge-and-sample logs, along with the time and volume of water purged at each measurement.

6. Samples are collected with a disposable bailer or bladder pump into appropriately prepared bottles provided by the analytical laboratory.

7. Samples for metals analysis are usually filtered in the field at the time of collection.

8. Samples are immediately labeled and placed in an iced sample container. At the end of the day, the samples are delivered to the analytical laboratory under chain-of-custody control.

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APPENDIX D

ANALYTICAL CHEMISTS

March 6, 2006

Lab ID : STK631050
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 11 pages divided into three sections:

Case Narrative (3 Pages) : An overview of the work performed at FGL.
Chemical Results (3 Pages) : Results for each sample submitted.
Quality Control (5 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Zone #1	02/06/2006	02/06/2006	STK631050-01	GW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/08/2006:C203 All preparation quality controls are within established criteria, except: The following note applies to Calcium, Magnesium, Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
	02/08/2006:A - I_207 All analysis quality controls are within established criteria.
	02/09/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/13/2006:A204 All preparation quality controls are within established criteria, except: The following note applies to Arsenic: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

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FAX: (805) 525-4172
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Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

March 6, 2006

Lab ID : STK631050
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

200.8	02/13/2006:A - IX202 Continued... 02/13/2006:A - IX202 All analysis quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/07/2006:A208 All preparation quality controls are within established criteria.
	02/07/2006:A - JBD All analysis quality controls are within established criteria.
2130B	02/07/2006:A245 All preparation quality controls are within established criteria.
	02/07/2006:B - TR203 All analysis quality controls are within established criteria.
2150B	02/07/2006:A222 All preparation quality controls are within established criteria.
2320B	02/09/2006:B202 All preparation quality controls are within established criteria.
	02/09/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/08/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/09/2006:A235 All preparation quality controls are within established criteria.
300.0	02/07/2006:A215 All preparation quality controls are within established criteria, except: The following note applies to Chloride: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/07/2006:A - IC204 All analysis quality controls are within established criteria.
4500-H B	02/06/2006:S346 All preparation quality controls are within established criteria.
	02/06/2006:S - PH301 All analysis quality controls are within established criteria.
5540C	02/07/2006:A218 All preparation quality controls are within established criteria.
	02/07/2006:A - LMA All analysis quality controls are within established criteria.

Radio Chemistry QC

908.0	02/20/2006:A218 All preparation quality controls are within established criteria, except: The following note applies to Uranium: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

March 6, 2006

Lab ID : STK631050
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Radio Chemistry QC

908.0	02/22/2006:A - GP216 Continued... 02/22/2006:A - GP216 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Laboratory Director

KAD:cl

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 6, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #1
Project : Mariposa Lakes

Lab ID : STK631050-01
Customer ID: 3-2703

Sampled On : February 6, 2006-14:10
Sampled By : Chris Dekorver
Received : February 6, 2006-14:25 Stockton
Received : February 7, 2006-12:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,5,4								
pH	7.6	--	units		4500-H B	02/06/06:S346	4500-H B	02/06/2006:S00 15:33
General Mineral P:1,5,4								
Total Hardness	48.0	2.5	mg/L		Calculation		Calculation	
Calcium	11	1	mg/L		200.7	02/08/06:C203	200.7	02/08/2006:A00
Magnesium	5	1	mg/L		200.7	02/08/06:C203	200.7	02/08/2006:A00
Potassium	2	1	mg/L		200.7	02/08/06:C203	200.7	02/08/2006:A00
Sodium	25	1	mg/L		200.7	02/08/06:C203	200.7	02/08/2006:A00
Total Cations	2.1	--	meq/L		Calculation		Calculation	
Boron	0.1	0.1	mg/L		200.7	02/08/06:C203	200.7	02/08/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/08/06:C203	200.7	02/08/2006:A00
Iron	70	50	ug/L	300[2]	200.7	02/08/06:C203	200.7	02/09/2006:A00
Manganese	110	10	ug/L	50[2]	200.7	02/08/06:C203	200.7	02/08/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/08/06:C203	200.7	02/08/2006:A00
Total Alkalinity (as CaCO3)	90	10	mg/L		2320B	02/09/06:B202	2320B	02/09/2006:A02
Hydroxide	ND	10	mg/L		2320B	02/09/06:B202	2320B	02/09/2006:A02
Carbonate	ND	10	mg/L		2320B	02/09/06:B202	2320B	02/09/2006:A02
Bicarbonate	110	10	mg/L		2320B	02/09/06:B202	2320B	02/09/2006:A02
Sulfate	4	1	mg/L	500[2]	300.0	02/07/06:A215	300.0	02/07/2006:A00
Chloride	11	1	mg/L	500[2]	300.0	02/07/06:A215	300.0	02/07/2006:A00
Nitrate	ND	0.4	mg/L	45	300.0	02/07/06:A215 13:55	300.0	02/07/2006:A00 16:29
Nitrite as N	ND	0.1	mg/L	1	300.0	02/07/06:A215 13:55	300.0	02/07/2006:A00 16:29
Fluoride	0.1	0.1	mg/L	2	300.0	02/07/06:A215	300.0	02/07/2006:A00
Total Anions	2.2	--	meq/L		Calculation		Calculation	
Specific Conductance	222	1	umhos/cm	1600[2]	2510B	02/08/06:B212	2510B	02/08/2006:A02
Total Dissolved Solids	180	40	mg/L	1000[2]	2540C	02/09/06:A235	2540 C,E	02/10/2006:B00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/07/06:A218 18:02	5540C	02/07/2006:A00 18:58
Aggressiveness Index	11.0	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.8	1.0	mg/L		Calculation		Calculation	

Table continued next page...

Corporate Offices & Laboratory
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CA NELAP Certification No. 01110CA

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March 6, 2006

Kleinfelder Inc.

Lab ID : STK631050-01
Customer ID: 3-2703
Description : Zone #1

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Diss P:1								
Arsenic	0.005	0.002	mg/L		200.8	02/13/06:A204	200.8	02/13/2006:A00
Wet Chemistry P:1								
Color	20	10♦	units	15[2]	2120C	02/07/06:A208 19:21	2120C	02/07/2006:A00 19:36
Odor	ND	1	TON	3[2]	2150B	02/07/06:A222 19:21	2150B	02/07/2006:B00 19:40
Turbidity	12.5	0.2	NTU	5[2]	2130B	02/07/06:A245 19:23	2130B	02/07/2006:B00 19:49

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (5) HNO3 pH < 2, (4) H2SO4 pH < 2

ANALYTICAL CHEMISTS

March 6, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #1
Project : Mariposa Lakes

Lab ID : STK631050-01
Customer ID: 3-2703

Sampled On : February 6, 2006-14:10
Sampled By : Chris Dekorver
Received : February 6, 2006-14:25 Stockton
Received : February 7, 2006-12:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Uranium	0.000 ± 0.867	pCi/L	20	908.0	02/20/06:A218	908.0	02/23/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.

MCL = Maximium Contaminat Level. [2] - Secondary Standard.

Containers: (P) Plastic Preservatives: (1) Cool 4°C, (5) HNO3 pH < 2, (4) H2SO4 pH < 2

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March 06, 2006
Kleinfelder Inc.

Lab ID : STK631050
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Arsenic	200.8	02/13/2006:A204 (SP 601291-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	74.6% 80.2% 0.9%	< ¼ < ¼ ≤20	408 408
	200.8	02/13/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 98.7% 96.4%	<2 <2 90-110 90-110	
Boron	200.7	02/08/2006:C203 (SP 601228-02)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	107% 102% 4.5%	75-125 75-125 ≤20.0	
	200.7	02/08/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0.003 0.02 102% 103%	<N/A <N/A 95-105 90-110	
Calcium	200.7	02/08/2006:C203 (SP 601228-02)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	85.6% 96.8% 1.0%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/08/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 104% 101%	<1 <1 95-105 90-110	
Copper	200.7	02/08/2006:C203 (SP 601228-02)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	107% 102% 4.6%	75-125 75-125 ≤20.0	
	200.7	02/08/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 102% 103%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/08/2006:C203 (SP 601228-02)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	99.2% 94.9% 4.5%	75-125 75-125 ≤20.0	
	200.7	02/09/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.02 -0.007 95.5% 95.1%	<N/A <N/A 95-105 90-110	
Magnesium	200.7	02/08/2006:C203 (SP 601228-02)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	100% 102% 0.3%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/08/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 102%	<1 <1 95-105 90-110	
Manganese	200.7	02/08/2006:C203	MS	ug/L	800.0	105%	75-125	

Report continued on next page...

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March 06, 2006
Kleinfelder Inc.

Lab ID : STK631050
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Manganese	200.7	02/08/2006:C203	MSD	ug/L	800.0	99.6%	75-125	
			MSRPD	ug/L		5.2%	≤20.0	
	200.7	02/08/2006:A	00-ICB	ppm		ND	<0.03	
			00-CCB	ppm		ND	<0.03	
			00-ICV	ppm	1.000	101%	95-105	
			00-CCV	ppm	1.000	101%	90-110	
Potassium	200.7	02/08/2006:C203	MS	mg/L	12.50	100%	75-125	
		(SP 601228-02)	MSD	mg/L	12.50	96.0%	75-125	
			MSRPD	mg/L		3.9%	≤20.0	
	200.7	02/08/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	103%	95-105	
			00-CCV	ppm	25.00	101%	90-110	
Sodium	200.7	02/08/2006:C203	MS	mg/L	12.50	110%	< ¼	408
		(SP 601228-02)	MSD	mg/L	12.50	115%	< ¼	408
			MSRPD	mg/L		0.5%	≤20.0	
	200.7	02/08/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	105%	95-105	
			00-CCV	ppm	25.00	104%	90-110	
Zinc	200.7	02/08/2006:C203	MS	ug/L	2000	113%	75-125	
		(SP 601228-02)	MSD	ug/L	2000	106%	75-125	
			MSRPD	ug/L		5.8%	≤20.0	
	200.7	02/08/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	99.4%	95-105	
			00-CCV	ppm	1.000	105%	90-110	
Wet Chem								
Bicarbonate	2320B	02/09/2006:B202	Dup	mg/L		0.0%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/07/2006:A215	LCS	mg/L	25.00	95.7%	90-110	
			MS	mg/L	500.0	105%	93-110	
		(STK631069-01)	MSD	mg/L	500.0	101%	93-110	
			MSRPD	mg/L		3.1%	≤3.02	435
	300.0	02/07/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	50.00	101%	90-110	
			00-CCV	ppm	25.00	97.6%	90-110	
Color	2120C	02/07/2006:A208	Dup	units		0.00	10	
	2120C	02/07/2006:A	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631050
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Fluoride	300.0	02/07/2006:A215 (STK631069-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	98.0% 104% 101% 3.0%	90-110 90-109 90-109 ≤4.56	
	300.0	02/07/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 2.500	ND ND 100% 99.4%	<0.1 <0.1 90-110 90-110	
Hydroxide	2320B	02/09/2006:B202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/07/2006:A218 (SP 601205-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/07/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/07/2006:A215 (STK631069-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	95.9% 104% 100% 3.3%	90-110 94-111 94-111 ≤2.71	
	300.0	02/07/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 40.00 20.00	ND ND 101% 97.2%	<0.4 <0.4 90-110 90-110	
Nitrite	300.0	02/07/2006:A215 (STK631069-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	15.00 300.0 300.0	96.3% 104% 101% 3.2%	90-110 94-109 94-109 ≤2.61	
	300.0	02/07/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	ND ND 101% 98.3%	<0.3 <0.3 90-110 90-110	
Odor	2150B	02/07/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/06/2006:S346	Dup	units		0.3%	4.80	
	4500-H B	02/06/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/08/2006:A	01-CCV 02-CCV	umhos/cm umhos/cm	1006 1006	99.1% 99.1%	95-105 95-105	
Sulfate	300.0	02/07/2006:A215 (STK631069-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	96.9% 105% 101% 2.9%	90-110 96-113 96-113 ≤2.29	
	300.0	02/07/2006:A	00-ICB	ppm		ND	<1	

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631050
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Sulfate	300.0	02/07/2006:A	00-CCB 00-ICV 00-CCV	ppm ppm ppm	 100.0 50.00	ND 102% 98.8%	<1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/09/2006:B202	Dup	mg/L		0.0%	9.03	
	2320B	02/09/2006:A	01-CCV 02-CCV	mg/L mg/L	234.9 234.9	94.9% 94.9%	90-110 90-110	
Total Dissolved Solids	2540C	02/09/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 101% 0.6%	<40 90-110 10.0	
Turbidity	2130B	02/07/2006:A245	Dup	NTU		0.0%	3.23	
	2130B	02/07/2006:B	00-CCB 00-CCV	NTU NTU	 2.000	ND 100%	<0.2 90-110	

Explanations

408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.

435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631050
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Uranium	908.0	02/20/2006:A218	RgBlk	pCi/L		0.59	1	
			LRS	pCi/L	10.49	83.9%	46-100	
			BS	pCi/L	10.49	120%	75-125	
			BSD	pCi/L	10.49	128%	75-125	426
			BSRPD	pCi/L		6.6%	≤20	
Alpha-α	908.0	02/22/2006:A	00-CCB	cpm		0.080	.0553±.058	
			00-CCV	cpm	24360	48.6%	49.9±5.0	

Explanations

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

CHAIN OF CUSTODY
AND ANALYSIS REQUEST DOCUMENT

Lab Number: STK631050

TEST DESCRIPTION AND ANALYSES REQUESTED

Client: Kleinfelder Inc.
Customer Number: 3002703
Address: 2825 East Myrtle Street, Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: MARIPOSA LAKES
Purchase Order Number:
Quote Number:

Sampler(s): Chris Dekoniker (Kleinfelder)

Sampling Fee: ______ Pickup Fee: ______
Compositor Setup Date: ______ Time: ______

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: (G)Glass (P)Plastic (V)VOA (MT)Metal Tube	Potable (P) Non-Potable (NP) Ag Water (AgW)	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT. (ROUT)Routine (RPT)Repeat (OTH)Other (RPL)Replace	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other	GEN MIN / GEN PHY (PH N'STK) + ARSENIC REPORT AS DIS. ALL METALS URANIUM
1	ZONE #1	2/6/06	1410	G	5	P	P	GW					4/5	4 x 1

Remarks

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	2/6/06	1425	[signature]	2/7/06	1100			
Recieved By:	**Date:**	**Time:**	**Recieved By:**	**Date:**	**Time:**	**Recieved By:**	**Date:**	**Time:**
[signature]	2/6/06	1425	[signature]	2/7/06	1100			

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? (Yes) No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) (Yes) No
5. Were sample custody seals intact? (N/A) Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): Dr

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 5 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? (Yes) No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) (Yes) No
4. Were sample custody seals intact? (N/A) Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? (Yes) No
2. Did bottle labels correspond with the client's ID's? (Yes) No
3. Were all bottles requiring sample preservation properly preserved? (Yes) No N/A FGL
4. Were all analyses within holding times at time of receipt? (Yes) No
5. Have rush or project due dates been checked and accepted? (N/A) Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): dl

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631050
IV-02/07/2006-11:23:18

ANALYTICAL CHEMISTS

March 6, 2006

Lab ID : STK631156
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 11 pages divided into three sections:

Case Narrative (3 Pages) : An overview of the work performed at FGL.
Chemical Results (3 Pages) : Results for each sample submitted.
Quality Control (5 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Zone #2	02/08/2006	02/08/2006	STK631156-01	DW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/16/2006:B203 All preparation quality controls are within established criteria.
	02/16/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/14/2006:A204 All preparation quality controls are within established criteria.
	02/14/2006:A - IX202 All analysis quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/09/2006:A208 All preparation quality controls are within established criteria.
	02/09/2006:A - JBD All analysis quality controls are within established criteria.
2130B	02/09/2006:A245 All preparation quality controls are within established criteria.

Table continued on next page...

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Mobile: (559) 737-2399

March 6, 2006

Lab ID : STK631156
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

2130B	02/09/2006:A - TR203 Continued... 02/09/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/09/2006:A222 All preparation quality controls are within established criteria.
2320B	02/13/2006:B202 All preparation quality controls are within established criteria.
	02/13/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/10/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/13/2006:A235 All preparation quality controls are within established criteria.
300.0	02/09/2006:A215 All preparation quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrite, Sulfate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/09/2006:A - IC204 All analysis quality controls are within established criteria.
4500-H B	02/08/2006:S346 All preparation quality controls are within established criteria.
	02/08/2006:S - PH301 All analysis quality controls are within established criteria.
5540C	02/09/2006:A218 All preparation quality controls are within established criteria.
	02/09/2006:B - LMA All analysis quality controls are within established criteria.

Radio Chemistry QC

908.0	02/27/2006:A218 All preparation quality controls are within established criteria.
	03/02/2006:B - GP214 All analysis quality controls are within established criteria.

Case narrative continued on next page...

March 6, 2006

Lab ID : STK631156
Customer : 3002703

Kleinfelder Inc.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:cea

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 6, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #2
Project : Mariposa Lakes

Lab ID : STK631156-01
Customer ID: 3-2703

Sampled On : February 8, 2006-08:35
Sampled By : CC
Received : February 8, 2006-09:20 Stockton
Received : February 9, 2006-12:00
Matrix : Drinking Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,5,4								
pH	7.7	--	units		4500-H B	02/08/06:S346	4500-H B	02/08/2006:S00 09:52
General Mineral P:1,5,4								
Total Hardness	93.5	2.5	mg/L		Calculation		Calculation	
Calcium	21	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Magnesium	10	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Potassium	5	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A0
Sodium	22	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Cations	3.0	--	meq/L		Calculation		Calculation	
Boron	ND	0.1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Iron	ND	50	ug/L	300[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Manganese	20	10	ug/L	50[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Zinc	30	20	ug/L	5000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Alkalinity (as CaCO3)	110	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Hydroxide	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Carbonate	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Bicarbonate	140	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Sulfate	6	1	mg/L	500[2]	300.0	02/09/06:A215	300.0	02/09/2006:A00
Chloride	14	1	mg/L	500[2]	300.0	02/09/06:A215	300.0	02/09/2006:A00
Nitrate	10.7	0.4	mg/L	45	300.0	02/09/06:A215 12:00	300.0	02/09/2006:A00 20:30
Nitrite as N	ND	0.1	mg/L	1	300.0	02/09/06:A215 12:00	300.0	02/09/2006:A00 20:30
Fluoride	0.2	0.1	mg/L	2	300.0	02/09/06:A215	300.0	02/09/2006:A00
Total Anions	3.0	--	meq/L		Calculation		Calculation	
Specific Conductance	300	1	umhos/cm	1600[2]	2510B	02/10/06:B212	2510B	02/10/2006:A02
Total Dissolved Solids	210	40	mg/L	1000[2]	2540C	02/13/06:A235	2540 C,E	02/14/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/09/06:A218 18:56	5540C	02/09/2006:B01 19:52
Aggressiveness Index	11.5	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.4	1.0	mg/L		Calculation		Calculation	

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March 6, 2006

Kleinfelder Inc.

Lab ID : STK631156-01
Customer ID: 3-2703
Description : Zone #2

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Diss P:1								
Arsenic	3	2	ug/L		200.8	02/14/06:A204	200.8	02/14/2006:A00
Wet Chemistry P:1								
Color	ND	5	units	15[2]	2120C	02/09/06:A208 18:43	2120C	02/09/2006:A00 19:17
Odor	ND	1	TON	3[2]	2150B	02/09/06:A222 18:45	2150B	02/09/2006:B00 18:51
Turbidity	0.5	0.2	NTU	5[2]	2130B	02/09/06:A245 18:46		02/09/2006:A00 19:01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (5) HNO3 pH < 2, (4) H2SO4 pH < 2

ANALYTICAL CHEMISTS

March 6, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #2
Project : Mariposa Lakes

Lab ID : STK631156-01
Customer ID: 3-2703

Sampled On : February 8, 2006-08:35
Sampled By : CC
Received : February 8, 2006-09:20 Stockton
Received : February 9, 2006-12:00
Matrix : Drinking Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Uranium	0.118 ± 0.584	pCi/L	20	908.0	02/27/06:A218	908.0	03/03/2006:B01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.

MCL = Maximium Contaminat Level. [2] - Secondary Standard.

Containers: (P) Plastic Preservatives: (1) Cool 4°C, (5) HNO3 pH < 2, (4) H2SO4 pH < 2

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March 06, 2006
Kleinfelder Inc.

Lab ID : STK631156
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Arsenic	200.8	02/14/2006:A204 (VI 640195-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	101% 98.4% 0.14	75-125 75-125 ≤2.00	
	200.8	02/14/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.0% 95.3%	<2 <2 90-110 90-110	
Boron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	115% 108% 6.7%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.01 -0.02 98.7% 102%	<N/A <N/A 95-105 90-110	
Calcium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.5% 2.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.4% 99.3%	<1 <1 95-105 90-110	
Copper	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	117% 109% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.3% 104%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	111% 103% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0.009 0.01 100% 101%	<N/A <N/A 95-105 90-110	
Magnesium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.3% 3.4%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.0% 98.8%	<1 <1 95-105 90-110	
Manganese	200.7	02/16/2006:B203	MS	ug/L	800.0	111%	75-125	

Report continued on next page...

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March 06, 2006
Kleinfelder Inc.

Lab ID : STK631156
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Manganese	200.7	02/16/2006:B203	MSD	ug/L	800.0	104%	75-125	
			MSRPD	ug/L		6.9%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<0.03	
			00-CCB	ppm		ND	<0.03	
			00-ICV	ppm	1.000	98.8%	95-105	
			00-CCV	ppm	1.000	100%	90-110	
Potassium	200.7	02/16/2006:B203 (SP 601265-01)	MS	mg/L	12.50	113%	75-125	
			MSD	mg/L	12.50	106%	75-125	
			MSRPD	mg/L		6.2%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	98.4%	95-105	
			00-CCV	ppm	25.00	101%	90-110	
Sodium	200.7	02/16/2006:B203 (SP 601265-01)	MS	mg/L	12.50	110%	75-125	
			MSD	mg/L	12.50	101%	75-125	
			MSRPD	mg/L		2.6%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	99.9%	95-105	
			00-CCV	ppm	25.00	105%	90-110	
Zinc	200.7	02/16/2006:B203 (SP 601265-01)	MS	ug/L	2000	112%	75-125	
			MSD	ug/L	2000	106%	75-125	
			MSRPD	ug/L		5.2%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	100%	95-105	
			00-CCV	ppm	1.000	99.6%	90-110	
Wet Chem								
Bicarbonate	2320B	02/13/2006:B202	Dup	mg/L		2.3%	14.3	
Carbonate	2320B		Dup	mg/L		5.5	10	
Chloride	300.0	02/09/2006:A215	LCS	mg/L	25.00	96.0%	90-110	
			MS	mg/L	500.0	114%	93-110	435
		(SP 601343-01)	MSD	mg/L	500.0	104%	93-110	
			MSRPD	mg/L		7.4%	≤3.02	435
	300.0	02/09/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	50.00	102%	90-110	
			00-CCV	ppm	25.00	98.0%	90-110	
Color	2120C	02/09/2006:A208	Dup	units		0.00	5.0	
	2120C	02/09/2006:A	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631156
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Fluoride	300.0	02/09/2006:A215 (SP 601343-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	96.9% 111% 100% 10.7%	90-110 90-109 90-109 ≤4.56	435
	300.0	02/09/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 2.500	ND ND 99.7% 98.5%	<0.1 <0.1 90-110 90-110	
Hydroxide	2320B	02/13/2006:B202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/09/2006:A218 (SP 601339-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/09/2006:B	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/09/2006:A215 (SP 601343-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	96.0% 108% 99.4% 8.4%	90-110 94-111 94-111 ≤2.71	
	300.0	02/09/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 40.00 20.00	ND ND 99.4% 98.7%	<0.4 0.4 90-110 90-110	
Nitrite	300.0	02/09/2006:A215 (SP 601343-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	15.00 300.0 300.0	97.2% 113% 102% 10.7%	90-110 94-109 94-109 ≤2.61	435
	300.0	02/09/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	ND ND 102% 99.2%	<0.3 <0.3 90-110 90-110	
Odor	2150B	02/09/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/08/2006:S346	Dup	units		0.7%	4.80	
	4500-H B	02/08/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/10/2006:A	01-CCV 02-CCV	umhos/cm umhos/cm	1006 1006	99.5% 99.5%	95-105 95-105	
Sulfate	300.0	02/09/2006:A215 (SP 601343-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	97.5% 114% 102% 10.0%	90-110 96-113 96-113 ≤2.29	435
	300.0	02/09/2006:A	00-ICB	ppm		ND	<1	

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631156
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Sulfate	300.0	02/09/2006:A	00-CCB 00-ICV 00-CCV	ppm ppm ppm	 100.0 50.00	ND 103% 99.6%	<1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/13/2006:B202	Dup	mg/L		0.7%	9.03	
	2320B	02/13/2006:A	01-CCV 02-CCV	mg/L mg/L	234.9 234.9	94.9% 95.0%	90-110 90-110	
Total Dissolved Solids	2540C	02/13/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 103% 1.1%	<40 90-110 10.0	
Turbidity	2130B	02/09/2006:A245	Dup	NTU		0.0030	0.2	
		02/09/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.5%	<0.2 90-110	

Explanations
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 06, 2006
Kleinfelder Inc.

Lab ID : STK631156
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Uranium	908.0	02/27/2006:A218	RgBlk	pCi/L		0.18	1	
			LRS	pCi/L	10.49	101%	46-100	
			BS	pCi/L	10.49	90.8%	75-125	
			BSD	pCi/L	10.49	101%	75-125	
			BSRPD	pCi/L		10.2%	≤20	
Alpha-α	908.0	03/02/2006:B	00-CCB	cpm		0.080	.0513±.057	
			00-CCV	cpm	24360	48.0%	50.0±5.0	

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

KLEINFELDER Cust. 3-2703 * Lab# 631156

PROJECT NO.	PROJECT NAME	RECEIVING LAB:
63138.H01	MARIPOSA LAKES	FGL
L.P. NO. (P.O. NO.) / SAMPLERS: (Signature/Number)	6238	INSTRUCTIONS/REMARKS: STD TAT

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: GEN MIN	GEN PHY	+ ARSENIC	URANIUM								
1	2/8/06	0835	ZONE #2	WATER	4/5	Poly	X	X	X	X								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

** REPORT ALL METALS AS DISSOLVED

HNO_3 FIELD FILTERED

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	2/8/06 9:20	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	2/9/06 1000	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks: STD TAT

Send Results To:

KLEINFELDER
2825 EAST MYRTLE STREET
STOCKTON, CA 95205
(209) 948-1345

Attn: JOE ZILLES

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY NO. 2056

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): _____

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 6 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): _____

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631156
IV-02/09/2006-09:50:11

ANALYTICAL CHEMISTS

March 30, 2006

Lab ID : STK631209
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 11 pages divided into three sections:

Case Narrative (3 Pages) : An overview of the work performed at FGL.
Chemical Results (3 Pages) : Results for each sample submitted.
Quality Control (5 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Zone #3	02/09/2006	02/09/2006	STK631209-01	DW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/16/2006:B203 All preparation quality controls are within established criteria.
	02/16/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/14/2006:A204 All preparation quality controls are within established criteria.
	02/14/2006:A - IX202 All analysis quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/10/2006:A208 All preparation quality controls are within established criteria.
	02/10/2006:A - EL All analysis quality controls are within established criteria.
2130B	02/10/2006:A245 All preparation quality controls are within established criteria.

Table continued on next page...

Corporate Offices & Laboratory
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Santa Paula, CA 93061-0272
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FAX: (805) 525-4172
CA NELAP Certification No. 01110CA

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423
CA ELAP Certification No. 1563

Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

2130B	02/10/2006:A - TR203 Continued... 02/10/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/10/2006:A222 All preparation quality controls are within established criteria.
2320B	02/13/2006:B202 All preparation quality controls are within established criteria.
	02/13/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/13/2006:A212 All preparation quality controls are within established criteria.
	02/13/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/14/2006:A235 All preparation quality controls are within established criteria.
300.0	02/10/2006:A215 All preparation quality controls are within established criteria.
	02/10/2006:B - IC204 All analysis quality controls are within established criteria.
4500-H B	02/09/2006:S346 All preparation quality controls are within established criteria.
	02/09/2006:S - PH301 All analysis quality controls are within established criteria.
5540C	02/10/2006:A218 All preparation quality controls are within established criteria.
	02/10/2006:A - LMA All analysis quality controls are within established criteria.

Radio Chemistry QC

908.0	02/27/2006:A218 All preparation quality controls are within established criteria.
	03/02/2006:A - GP216 All analysis quality controls are within established criteria.

Case narrative continued on next page...

March 30, 2006

Lab ID : STK631209
Customer : 3002703

Kleinfelder Inc.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Laboratory Director

KAD:kdm

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #3
Project : Mariposa Lakes

Lab ID : STK631209-01
Customer ID: 3-2703

Sampled On : February 9, 2006-08:40
Sampled By : CC
Received : February 9, 2006-09:05 Stockton
Received : February 10, 2006-10:00
Matrix : Drinking Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4,5								
pH	7.2	--	units		4500-H B	02/09/06:S346	4500-H B	02/09/2006:S00 10:10
General Mineral P:1,4,5								
Total Hardness	247	2.5	mg/L		Calculation		Calculation	
Calcium	56	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Magnesium	26	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Potassium	7	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A
Sodium	39	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Cations	6.8	--	meq/L		Calculation		Calculation	
Boron	ND	0.1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Iron	ND	50	ug/L	300[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Manganese	30	10	ug/L	50[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Zinc	50	20	ug/L	5000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Alkalinity (as CaCO3)	250	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Hydroxide	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Carbonate	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Bicarbonate	310	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Sulfate	23	1	mg/L	500[2]	300.0	02/10/06:A215	300.0	02/10/2006:B01
Chloride	26	1	mg/L	500[2]	300.0	02/10/06:A215	300.0	02/10/2006:B01
Nitrate	50.5	0.4	mg/L	45	300.0	02/10/06:A215 12:00	300.0	02/10/2006:B01 15:19
Nitrite as N	ND	0.1	mg/L	1	300.0	02/10/06:A215 12:00	300.0	02/10/2006:B01 15:19
Fluoride	0.1	0.1	mg/L	2	300.0	02/10/06:A215	300.0	02/10/2006:B01
Total Anions	7.1	--	meq/L		Calculation		Calculation	
Specific Conductance	679	1	umhos/cm	1600[2]	2510B	02/13/06:A212	2510B	02/13/2006:A01
Total Dissolved Solids	480	40	mg/L	1000[2]	2540C	02/14/06:A235	2540 C,E	02/15/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/10/06:A218 17:33	5540C	02/10/2006:A00 18:06
Aggressiveness Index	11.7	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.1	1.0	mg/L		Calculation		Calculation	

Table continued next page...

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Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

March 30, 2006

Kleinfelder Inc.

Lab ID : STK631209-01
Customer ID: 3-2703
Description : Zone #3

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Diss P:1								
Arsenic	0.002	0.002	mg/L		200.8	02/14/06:A204	200.8	02/14/2006:A00
Wet Chemistry P:1								
Color	ND	5	units	15[2]	2120C	02/10/06:A208 17:31	2120C	02/10/2006:A01 17:36
Odor	ND	1	TON	3[2]	2150B	02/10/06:A222 17:34	2150B	02/10/2006:B00 17:37
Turbidity	2.7	0.2	NTU	5[2]	2130B	02/10/06:A245 17:35	2130B	02/10/2006:A00 17:38

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H_2SO_4 pH < 2, (5) HNO_3 pH < 2

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #3
Project : Mariposa Lakes

Lab ID : STK631209-01
Customer ID: 3-2703

Sampled On : February 9, 2006-08:40
Sampled By : CC
Received : February 9, 2006-09:05 Stockton
Received : February 10, 2006-10:00
Matrix : Drinking Water

Sample Results - Radio

Constituents	Result ± Error	MDA	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1								
Uranium	6.24 ± 1.41	0.53	pCi/L	20	908.0	02/27/06:A218	908.0	03/03/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2
CCR Section 64442: Compliance Note: If Gross Alpha (Result + 0.84 x error) exceeds 5 pCi/L but is less than 15 pCi/L run Radium 226. If Gross Alpha (Result + 0.84 x error) exceeds 15 pCi/L run Uranium. Samples that exceed 5 pCi/L are held for 6 months at FGL.

Compliance:
Gross Alpha - Uranium ≤ 15 pCi/L
Uranium ≤ 20 pCi/L
Radium 226 ≤ 3 pCi/L

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Mobile: (559) 737-2399

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Arsenic	200.8	02/14/2006:A204 (VI 640195-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	101% 98.4% 0.14	75-125 75-125 ≤2.00	
	200.8	02/14/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.0% 95.3%	<2 <2 90-110 90-110	
Boron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	115% 108% 6.7%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.01 -0.02 98.7% 102%	<N/A <N/A 95-105 90-110	
Calcium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.5% 2.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.4% 99.3%	<1 <1 95-105 90-110	
Copper	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	117% 109% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.3% 104%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	111% 103% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0.009 0.01 100% 101%	<N/A <N/A 95-105 90-110	
Magnesium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.3% 3.4%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.0% 98.8%	<1 <1 95-105 90-110	
Manganese	200.7	02/16/2006:B203	MS	ug/L	800.0	111%	75-125	

Report continued on next page...

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March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Manganese	200.7	02/16/2006:B203	MSD MSRPD	ug/L ug/L	800.0	104% 6.9%	75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 98.8% 100%	<0.03 <0.03 95-105 90-110	
Potassium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	113% 106% 6.2%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.4% 101%	<1 <1 95-105 90-110	
Sodium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	110% 101% 2.6%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 99.9% 105%	<1 <1 95-105 90-110	
Zinc	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	112% 106% 5.2%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 100% 99.6%	<0.05 <0.05 95-105 90-110	
Wet Chem Bicarbonate	2320B	02/13/2006:B202	Dup	mg/L		2.3%	14.3	
Carbonate	2320B		Dup	mg/L		5.5	10	
Chloride	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	25.00 500.0 500.0	95.5% 98.7% 100% 1.2%	90-110 93-110 93-110 ≤3.02	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 50.00 25.00	ND 101% ND 96.6%	<1 90-110 <1 90-110	
Color	2120C	02/10/2006:A208	Dup	units		0.00	5.0	
	2120C	02/10/2006:A	00-CCB 00-CCV	units units	 10.00	ND 100%	<5 90-110	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Fluoride	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	95.9% 95.7% 97.1% 1.5%	90-110 90-109 90-109 ≤4.56	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 5.000 2.500	ND 98.4% ND 96.3%	<0.1 90-110 <0.1 90-110	
Hydroxide	2320B	02/13/2006:B202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/10/2006:A218 (SP 601389-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/10/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	95.6% 96.5% 96.6% 0.1%	90-110 94-111 94-111 ≤2.71	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 40.00 20.00	ND 98.8% ND 97.4%	<0.4 90-110 <0.4 90-110	
Nitrite	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	15.00 300.0 300.0	96.9% 98.3% 99.5% 1.2%	90-110 94-109 94-109 ≤2.61	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 30.00 15.00	ND 102% ND 97.9%	<0.3 90-110 <0.3 90-110	
Odor	2150B	02/10/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/09/2006:S346	Dup	units		0.4%	4.80	
	4500-H B	02/09/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/13/2006:A212	Blank Dup	umhos/cm umhos/cm		ND 0.1%	<1 0.743	
	2510B	02/13/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 101% 98.9%	<1 95-105 95-105	
Sulfate	300.0	02/10/2006:A215	LCS MS	mg/L mg/L	50.00 1000	97.2% 99.1%	90-110 96-113	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Sulfate	300.0	02/10/2006:A215	MSD MSRPD	mg/L mg/L	1000	100% 1.2%	96-113 ≤2.29	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 100.0 50.00	ND 102% ND 98.0%	<1 90-110 <1 90-110	
Total Alkalinity (as CaCO3)	2320B	02/13/2006:B202	Dup	mg/L		0.7%	9.03	
	2320B	02/13/2006:A	01-CCV 02-CCV	mg/L mg/L	234.9 234.9	94.9% 95.0%	90-110 90-110	
Total Dissolved Solids	2540C	02/14/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 98.5% 0.6%	<40 90-110 10.0	
Turbidity	2130B	02/10/2006:A245	Dup	NTU		0.0%	3.23	
	2130B	02/10/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.0%	<0.2 90-110	

Definitions

Blank : *Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.*
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Uranium	908.0	02/27/2006:A218	RgBlk	pCi/L		0.18	1	
			LRS	pCi/L	10.49	101%	46-100	
			BS	pCi/L	10.49	90.8%	75-125	
			BSD	pCi/L	10.49	101%	75-125	
			BSRPD	pCi/L		10.2%	≤20	
Alpha-α	908.0	03/02/2006:A	00-CCB	cpm		ND	.0553±.058	
			00-CCV	cpm	24360	48.4%	49.9±5.0	

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

KLEINFELDER

PROJECT NO.	PROJECT NAME
63138.H01	MARIPOSA LAKES

L.P. NO. (P.O. NO.) | SAMPLERS: (Signature/Number) 6238

RECEIVING LAB: FGL

INSTRUCTIONS/REMARKS: STD TAT

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: Gen Min / Gen Phys **	+ Arsenic	Uranium								
1	2/9/06	0840	ZONE #3	WATER	6*	POLY	X	X	X								
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

** REPORT ALL METALS AS DISSOLVED.

HNO_3 FIELD FILTERED!

* pH BOTTLE NOT IN ANALYSIS ABOVE (EXTRA BOTTLE).

CUST# 3-2703
Lab# 631209

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	2/9/06 9:05	Dr Rankin
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Dr.	2/9/06 1700	Calover
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	2/10/06 1100	

Instructions/Remarks: STD TAT

Send Results To:
KLEINFELDER
2825 EAST MYRTLE STREET
STOCKTON, CA 95205
(209) 948-1345
Attn: JOE ZUNE

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 0585

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DV

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 6 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): CC

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631209
IV-02/10/2006-09:07:34

March 30, 2006

Lab ID : STK631209
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 11 pages divided into three sections:

Case Narrative (3 Pages) : An overview of the work performed at FGL.
Chemical Results (3 Pages) : Results for each sample submitted.
Quality Control (5 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Zone #3	02/09/2006	02/09/2006	STK631209-01	DW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/16/2006:B203 All preparation quality controls are within established criteria.
	02/16/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/14/2006:A204 All preparation quality controls are within established criteria.
	02/14/2006:A - IX202 All analysis quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/10/2006:A208 All preparation quality controls are within established criteria.
	02/10/2006:A - EL All analysis quality controls are within established criteria.
2130B	02/10/2006:A245 All preparation quality controls are within established criteria.

Table continued on next page...

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
FAX: (805) 525-4172
CA NELAP Certification No. 01110CA
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423
CA ELAP Certification No. 1563

Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

March 30, 2006

Lab ID : STK631209
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

2130B	02/10/2006:A - TR203 Continued... 02/10/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/10/2006:A222 All preparation quality controls are within established criteria.
2320B	02/13/2006:B202 All preparation quality controls are within established criteria.
	02/13/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/13/2006:A212 All preparation quality controls are within established criteria.
	02/13/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/14/2006:A235 All preparation quality controls are within established criteria.
300.0	02/10/2006:A215 All preparation quality controls are within established criteria.
	02/10/2006:B - IC204 All analysis quality controls are within established criteria.
4500-H B	02/09/2006:S346 All preparation quality controls are within established criteria.
	02/09/2006:S - PH301 All analysis quality controls are within established criteria.
5540C	02/10/2006:A218 All preparation quality controls are within established criteria.
	02/10/2006:A - LMA All analysis quality controls are within established criteria.

Radio Chemistry QC

908.0	02/27/2006:A218 All preparation quality controls are within established criteria.
	03/02/2006:A - GP216 All analysis quality controls are within established criteria.

Case narrative continued on next page...

March 30, 2006

Lab ID : STK631209
Customer : 3002703

Kleinfelder Inc.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #3
Project : Mariposa Lakes

Lab ID : STK631209-01
Customer ID : 3-2703

Sampled On : February 9, 2006-08:40
Sampled By : CC
Received : February 9, 2006-09:05 Stockton
Received : February 10, 2006-10:00
Matrix : Drinking Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4,5								
pH	7.2	--	units		4500-H B	02/09/06:S346	4500-H B	02/09/2006:S00 10:10
General Mineral P:1,4,5								
Total Hardness	247	2.5	mg/L		Calculation		Calculation	
Calcium	56	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Magnesium	26	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Potassium	7	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A
Sodium	39	1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Cations	6.8	--	meq/L		Calculation		Calculation	
Boron	ND	0.1	mg/L		200.7	02/16/06:B203	200.7	02/16/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Iron	ND	50	ug/L	300[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Manganese	30	10	ug/L	50[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Zinc	50	20	ug/L	5000[2]	200.7	02/16/06:B203	200.7	02/16/2006:A00
Total Alkalinity (as CaCO3)	250	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Hydroxide	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Carbonate	ND	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Bicarbonate	310	10	mg/L		2320B	02/13/06:B202	2320B	02/13/2006:A02
Sulfate	23	1	mg/L	500[2]	300.0	02/10/06:A215	300.0	02/10/2006:B01
Chloride	26	1	mg/L	500[2]	300.0	02/10/06:A215	300.0	02/10/2006:B01
Nitrate	50.5	0.4	mg/L	45	300.0	02/10/06:A215 12:00	300.0	02/10/2006:B01 15:19
Nitrite as N	ND	0.1	mg/L	1	300.0	02/10/06:A215 12:00	300.0	02/10/2006:B01 15:19
Fluoride	0.1	0.1	mg/L	2	300.0	02/10/06:A215	300.0	02/10/2006:B01
Total Anions	7.1	--	meq/L		Calculation		Calculation	
Specific Conductance	679	1	umhos/cm	1600[2]	2510B	02/13/06:A212	2510B	02/13/2006:A01
Total Dissolved Solids	480	40	mg/L	1000[2]	2540C	02/14/06:A235	2540 C,E	02/15/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/10/06:A218 17:33	5540C	02/10/2006:A00 18:06
Aggressiveness Index	11.7	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.1	1.0	mg/L		Calculation		Calculation	

Table continued next page...

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March 30, 2006

Kleinfelder Inc.

Lab ID : STK631209-01
Customer ID: 3-2703
Description : Zone #3

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Diss P:1								
Arsenic	0.002	0.002	mg/L		200.8	02/14/06:A204	200.8	02/14/2006:A00
Wet Chemistry P:1								
Color	ND	5	units	15[2]	2120C	02/10/06:A208 17:31	2120C	02/10/2006:A01 17:36
Odor	ND	1	TON	3[2]	2150B	02/10/06:A222 17:34	2150B	02/10/2006:B00 17:37
Turbidity	2.7	0.2	NTU	5[2]	2130B	02/10/06:A245 17:35	2130B	02/10/2006:A00 17:38

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Zone #3
Project : Mariposa Lakes

Lab ID : STK631209-01
Customer ID: 3-2703

Sampled On : February 9, 2006-08:40
Sampled By : CC
Received : February 9, 2006-09:05 Stockton
Received : February 10, 2006-10:00
Matrix : Drinking Water

Sample Results - Radio

Constituents	Result ± Error	MDA	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1								
Uranium	6.24 ± 1.41	0.53	pCi/L	20	908.0	02/27/06:A218	908.0	03/03/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.

MCL = Maximium Contaminat Level. [2] - Secondary Standard.

Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2

CCR Section 64442: Compliance Note: If Gross Alpha (Result + 0.84 x error) exceeds 5 pCi/L but is less than 15 pCi/L run Radium 226. If Gross Alpha (Result + 0.84 x error) exceeds 15 pCi/L run Uranium. Samples that exceed 5 pCi/L are held for 6 months at FGL.

Compliance:
Gross Alpha - Uranium ≤ 15 pCi/L
Uranium ≤ 20 pCi/L
Radium 226 ≤ 3 pCi/L

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
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FAX: (559) 734-8435
Mobile: (559) 737-2399

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Arsenic	200.8	02/14/2006:A204 (VI 640195-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	101% 98.4% 0.14	75-125 75-125 ≤2.00	
	200.8	02/14/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.0% 95.3%	<2 <2 90-110 90-110	
Boron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	115% 108% 6.7%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.01 -0.02 98.7% 102%	<N/A <N/A 95-105 90-110	
Calcium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.5% 2.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.4% 99.3%	<1 <1 95-105 90-110	
Copper	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	117% 109% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.3% 104%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	111% 103% 6.8%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0.009 0.01 100% 101%	<N/A <N/A 95-105 90-110	
Magnesium	200.7	02/16/2006:B203 (SP 601265-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	107% 98.3% 3.4%	75-125 75-125 ≤20.0	
	200.7	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 98.0% 98.8%	<1 <1 95-105 90-110	
Manganese	200.7	02/16/2006:B203	MS	ug/L	800.0	111%	75-125	

Report continued on next page...

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FAX: (559) 734-8435
Mobile: (559) 737-2399

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Manganese	200.7	02/16/2006:B203	MSD	ug/L	800.0	104%	75-125	
			MSRPD	ug/L		6.9%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<0.03	
			00-CCB	ppm		ND	<0.03	
			00-ICV	ppm	1.000	98.8%	95-105	
			00-CCV	ppm	1.000	100%	90-110	
Potassium	200.7	02/16/2006:B203 (SP 601265-01)	MS	mg/L	12.50	113%	75-125	
			MSD	mg/L	12.50	106%	75-125	
			MSRPD	mg/L		6.2%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	98.4%	95-105	
			00-CCV	ppm	25.00	101%	90-110	
Sodium	200.7	02/16/2006:B203 (SP 601265-01)	MS	mg/L	12.50	110%	75-125	
			MSD	mg/L	12.50	101%	75-125	
			MSRPD	mg/L		2.6%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	99.9%	95-105	
			00-CCV	ppm	25.00	105%	90-110	
Zinc	200.7	02/16/2006:B203 (SP 601265-01)	MS	ug/L	2000	112%	75-125	
			MSD	ug/L	2000	106%	75-125	
			MSRPD	ug/L		5.2%	≤20.0	
	200.7	02/16/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	100%	95-105	
			00-CCV	ppm	1.000	99.6%	90-110	
Wet Chem								
Bicarbonate	2320B	02/13/2006:B202	Dup	mg/L		2.3%	14.3	
Carbonate	2320B		Dup	mg/L		5.5	10	
Chloride	300.0	02/10/2006:A215	LCS	mg/L	25.00	95.5%	90-110	
			MS	mg/L	500.0	98.7%	93-110	
		(STK631209-01)	MSD	mg/L	500.0	100%	93-110	
			MSRPD	mg/L		1.2%	≤3.02	
	300.0	02/10/2006:B	00-ICB	ppm		ND	<1	
			00-ICV	ppm	50.00	101%	90-110	
			01-CCB	ppm		ND	<1	
			01-CCV	ppm	25.00	96.6%	90-110	
Color	2120C	02/10/2006:A208	Dup	units		0.00	5.0	
	2120C	02/10/2006:A	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Fluoride	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	95.9% 95.7% 97.1% 1.5%	90-110 90-109 90-109 ≤4.56	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 5.000 2.500	ND 98.4% ND 96.3%	<0.1 90-110 <0.1 90-110	
Hydroxide	2320B	02/13/2006:B202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/10/2006:A218 (SP 601389-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/10/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	95.6% 96.5% 96.6% 0.1%	90-110 94-111 94-111 ≤2.71	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 40.00 20.00	ND 98.8% ND 97.4%	<0.4 90-110 <0.4 90-110	
Nitrite	300.0	02/10/2006:A215 (STK631209-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	15.00 300.0 300.0	96.9% 98.3% 99.5% 1.2%	90-110 94-109 94-109 ≤2.61	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 30.00 15.00	ND 102% ND 97.9%	<0.3 90-110 <0.3 90-110	
Odor	2150B	02/10/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/09/2006:S346	Dup	units		0.4%	4.80	
	4500-H B	02/09/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/13/2006:A212	Blank Dup	umhos/cm umhos/cm		ND 0.1%	<1 0.743	
	2510B	02/13/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 101% 98.9%	<1 95-105 95-105	
Sulfate	300.0	02/10/2006:A215	LCS MS	mg/L mg/L	50.00 1000	97.2% 99.1%	90-110 96-113	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Sulfate	300.0	02/10/2006:A215	MSD MSRPD	mg/L mg/L	1000	100% 1.2%	96-113 ≤2.29	
	300.0	02/10/2006:B	00-ICB 00-ICV 01-CCB 01-CCV	ppm ppm ppm ppm	 100.0 50.00	ND 102% ND 98.0%	<1 90-110 <1 90-110	
Total Alkalinity (as CaCO3)	2320B	02/13/2006:B202	Dup	mg/L		0.7%	9.03	
	2320B	02/13/2006:A	01-CCV 02-CCV	mg/L mg/L	234.9 234.9	94.9% 95.0%	90-110 90-110	
Total Dissolved Solids	2540C	02/14/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 98.5% 0.6%	<40 90-110 10.0	
Turbidity	2130B	02/10/2006:A245	Dup	NTU		0.0%	3.23	
	2130B	02/10/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.0%	<0.2 90-110	

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631209
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Uranium	908.0	02/27/2006:A218	RgBlk	pCi/L		0.18	1	
			LRS	pCi/L	10.49	101%	46-100	
			BS	pCi/L	10.49	90.8%	75-125	
			BSD	pCi/L	10.49	101%	75-125	
			BSRPD	pCi/L		10.2%	≤20	
Alpha-α	908.0	03/02/2006:A	00-CCB	cpm		ND	.0553±.058	
			00-CCV	cpm	24360	48.4%	49.9±5.0	

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

KLEINFELDER

PROJECT NO.	PROJECT NAME	RECEIVING LAB:
63138.H01	MARIPOSA LAKES	FGL
L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number) 6238	INSTRUCTIONS/REMARKS: STD TAT

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: Gen Min / Gen Phys **	+ Arsenic	Uranium									
1	2/9/06	0840	ZONE #3	WATER	6*	Poly	X	X	X									
2																		
3																		
4																		
5																		
6																		
7																		
8																		
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11																		
12																		
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14																		
15																		
16																		
17																		
18																		
19																		
20																		

** REPORT ALL METALS AS DISSOLVED.

HNO_3 FIELD FILTERED.

* pH BOTTLE NOT IN ANALYSIS ABOVE (EXTRA BOTTLE).

Cust# 3-2703
Lab# 631209

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	2/9/06 9:05	Dr Rankin
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Dr.	2/9/06 1700	Calover
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	2/10/06 1100	

Instructions/Remarks: STD TAT

Send Results To:
KLEINFELDER
2825 EAST MYRTLE STREET
STOCKTON, CA 95205
(209) 948-1345
Attn: JOE ZUNE

M-60 White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

№ 0585

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DR

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 6 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): CC

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631209
IV-02/10/2006-09:07:34

ANALYTICAL CHEMISTS

March 30, 2006

Lab ID : STK631375
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 40 pages divided into three sections:

Case Narrative (6 Pages) : An overview of the work performed at FGL.
Chemical Results (9 Pages) : Results for each sample submitted.
Quality Control (25 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Travel Blank	02/14/2006	02/14/2006	STK631375-00	LBW
MW-1	02/14/2006	02/14/2006	STK631375-01	GW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times except those as listed in the table below. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
STK631375-01	Mercury	28	38.1 Days

All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/17/2006:B203 All preparation quality controls are within established criteria, except: The following note applies to Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Calcium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the

Table continued on next page...

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Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

200.7	02/17/2006:B203 Continued... LCS or CCV recovery.
	02/17/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/24/2006:A204 All preparation quality controls are within established criteria.
	03/20/2006:A204 All preparation quality controls are within established criteria, except: The following note applies to Aluminum: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/03/2006:A - IX202 All analysis quality controls are within established criteria.
	03/22/2006:A - IX202 All analysis quality controls are within established criteria, except: The following note applies to Antimony: 220 The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL. The following note applies to Lead, Thallium: 355 CCV not within Acceptance Range (AR). Results were reported with client approval. The following note applies to Lead, Thallium: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
245.1	03/29/2006:A - HG202 All analysis quality controls are within established criteria.
7470A	03/24/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Mercury: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Inorganic - Wet Chemistry QC

2120C	02/15/2006:A208 All preparation quality controls are within established criteria.
	02/15/2006:A - CHL All analysis quality controls are within established criteria.
2130B	02/15/2006:A245 All preparation quality controls are within established criteria.
	02/15/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/15/2006:A222 All preparation quality controls are within established criteria.
2320B	02/17/2006:A202 All preparation quality controls are within established criteria.

Table continued on next page...

March 30, 2006

Lab ID : STK631375
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

2320B	02/17/2006:A - TI201 Continued... 02/17/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/16/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/16/2006:A235 All preparation quality controls are within established criteria.
300.0	02/15/2006:A215 All preparation quality controls are within established criteria.
	02/15/2006:A - IC204 All analysis quality controls are within established criteria.
4500-H B	02/14/2006:S346 All preparation quality controls are within established criteria.
	02/14/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	02/27/2006:A210 All preparation quality controls are within established criteria.
	03/01/2006:A - UV203 All analysis quality controls are within established criteria.
5540C	02/15/2006:A218 All preparation quality controls are within established criteria.
	02/15/2006:A - SBL All analysis quality controls are within established criteria.

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria. The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

505	02/17/2006:B - GC216 Continued... 02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.

Table continued on next page...

March 30, 2006

Lab ID : STK631375
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/15/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/15/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.
504.1	All surrogate quality controls are within established criteria, except: STK63137501 for 1,3-Dibromopropane 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP218 All analysis quality controls are within established criteria.

Case narrative continued on next page...

March 30, 2006

Lab ID : STK631375
Customer : 3002703

Kleinfelder Inc.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

Kelly A. Dunnahoo, B.S.
Laboratory Director

KAD:kdm

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Travel Blank
Project : Mariposa Lake

Lab ID : STK631375-00
Customer ID : 3-2703

Sampled On : February 14, 2006-12:11
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Lab. Blank Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	128	70-130	% Rec		504.1	02/18/06:A203	02/18/2006:A01
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A01
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	84.4	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap Preservatives: (1) Cool 4°C

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ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-1
Project : Mariposa Lake

Lab ID : STK631375-01
Customer ID: 3-2703

Sampled On : February 14, 2006-12:11
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.4	--	units		4500-H B	02/14/06:S346	4500-H B	02/14/2006:S00 15:45
General Mineral P:1,4								
Total Hardness	207	2.5	mg/L		Calculation		Calculation	
Calcium	45	1	mg/L		200.7	02/17/06:B203	200.7	02/17/2006:A00
Magnesium	23	1	mg/L		200.7	02/17/06:B203	200.7	02/17/2006:A00
Potassium	4	1	mg/L		200.7	02/17/06:B203	200.7	02/17/2006:A
Sodium	28	1	mg/L		200.7	02/17/06:B203	200.7	02/17/2006:A00
Total Cations	5.5	--	meq/L		Calculation		Calculation	
Boron	ND	0.1	mg/L		200.7	02/17/06:B203	200.7	02/17/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/17/06:B203	200.7	02/17/2006:A00
Iron	60	50	ug/L	300[2]	200.7	02/17/06:B203	200.7	02/17/2006:A00
Manganese	ND	10	ug/L	50[2]	200.7	02/17/06:B203	200.7	02/17/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/17/06:B203	200.7	02/17/2006:A00
Total Alkalinity (as CaCO3)	230	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Carbonate	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Bicarbonate	280	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Sulfate	14	1	mg/L	500[2]	300.0	02/15/06:A215	300.0	02/15/2006:A00
Chloride	12	1	mg/L	500[2]	300.0	02/15/06:A215	300.0	02/15/2006:A00
Nitrate	33.0	0.4	mg/L	45	300.0	02/15/06:A215 14:00	300.0	02/15/2006:A00 21:30
Nitrite as N	ND	0.1	mg/L	1	300.0	02/15/06:A215 14:00	300.0	02/15/2006:A00 21:30
Fluoride	0.2	0.1	mg/L	2	300.0	02/15/06:A215	300.0	02/15/2006:A00
Total Anions	5.8	--	meq/L		Calculation		Calculation	

Table continued next page...

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March 30, 2006

Kleinfelder Inc.

Lab ID : STK631375-01
Customer ID: 3-2703
Description : MW-1

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
Specific Conductance	540	1	umhos/cm	1600[2]	2510B	02/16/06:A212	2510B	02/16/2006:A01
Total Dissolved Solids	370	40	mg/L	1000[2]	2540C	02/16/06:A235	2540 C,E	02/17/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/15/06:A218 18:40	5540C	02/15/2006:A01 19:35
Aggressiveness Index	11.8	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.0	1.0	mg/L		Calculation		Calculation	
Metals, Total P:1,5								
Aluminum	70	10	ug/L	1000[2]	200.8	03/20/06:A204	200.8	03/22/2006:A00
Antimony	ND	1	ug/L	6	200.8	03/20/06:A204	200.8	03/22/2006:A00
Arsenic	3	2	ug/L	10	200.8	03/20/06:A204	200.8	03/22/2006:A00
Barium	124	0.2	ug/L	1000	200.8	03/20/06:A204	200.8	03/22/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	03/20/06:A204	200.8	03/22/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	03/20/06:A204	200.8	03/22/2006:A00
Chromium	36	1	ug/L	50	200.8	02/24/06:A204	200.8	03/03/2006:A00
Lead	ND	0.2	ug/L		200.8	03/20/06:A204	200.8	03/22/2006:A00
Mercury	0.05	0.02	ug/L	2	7470A	03/24/06:A212	245.1	03/29/2006:A00
Nickel	ND	1	ug/L	100	200.8	03/20/06:A204	200.8	03/22/2006:A00
Selenium	ND	2	ug/L	50	200.8	03/20/06:A204	200.8	03/22/2006:A00
Silver	ND	1	ug/L	100[2]	200.8	03/20/06:A204	200.8	03/22/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	03/20/06:A204	200.8	03/22/2006:A00
Vanadium	27	2	ug/L		200.8	03/20/06:A204	200.8	03/22/2006:A00
Wet Chemistry P:1,10								
Color	5	5	units	15[2]	2120C	02/15/06:A208 19:40	2120C	02/15/2006:A00 19:51
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	02/27/06:A210	4500CNCE	03/01/2006:A00
Odor	ND	1	TON	3[2]	2150B	02/15/06:A222 19:54	2150B	02/15/2006:D00 20:02
Turbidity	208	0.2	NTU	5[2]	2130B	02/15/06:A245 19:17	2130B	02/15/2006:A00 19:21

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-1
Project : Mariposa Lake

Lab ID : STK631375-01
Customer ID : 3-2703

Sampled On : February 14, 2006-12:11
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	131	70-130	% Rec	560*	504.1	02/18/06:A203	02/18/2006:A01
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A01
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	85.3	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A02
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A02
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A02
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A02
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A02
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A02
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A02
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A02
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B02
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A02
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A02
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A02
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02

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March 30, 2006

Kleinfelder Inc.

Lab ID : STK631375-01
Customer ID: 3-2703
Description : MW-1

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 505 VOA:1							
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A02
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	85.8	70-130	% Rec		507	02/20/06:A205	02/24/2006:A01
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A01
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A01
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A01
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A01
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A01
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	110	70-130	% Rec		515.3	02/22/06:A241	03/02/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/02/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/02/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/02/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/02/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/02/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02

Table continued next page...

March 30, 2006

Kleinfelder Inc.

Lab ID : STK631375-01
Customer ID: 3-2703
Description : MW-1

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	102	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	99.3	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 30, 2006

Kleinfelder Inc.

Lab ID : STK631375-01
Customer ID: 3-2703
Description : MW-1

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/08/2006:A01
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/08/2006:A01
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/08/2006:A01
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/08/2006:A01
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/08/2006:A01

Table continued next page...

March 30, 2006

Kleinfelder Inc.

Lab ID : STK631375-01
Customer ID: 3-2703
Description : MW-1

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/23/2006:A01
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/15/06:A213	02/28/2006:A01
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/15/06:A214	02/28/2006:A01
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/01/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-1
Project : Mariposa Lake

Lab ID : STK631375-01
Customer ID : 3-2703

Sampled On : February 14, 2006-12:11
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	MDA	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1								
Gross Alpha	3.78 ± 1.14	1.2	pCi/L	15*	900.0	02/21/06:A207	900.0	02/28/2006:A01
Gross Beta	2.68 ± 0.852	0.99	pCi/L	50	900.0	02/21/06:A207	900.0	02/28/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C

* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

CCR Section 64442: Compliance Note: If Gross Alpha (Result + 0.84 x error) exceeds 5 pCi/L but is less than 15 pCi/L run Radium 226. If Gross Alpha (Result + 0.84 x error) exceeds 15 pCi/L run Uranium. Samples that exceed 5 pCi/L are held for 6 months at FGL.

Compliance:
Gross Alpha - Uranium ≤ 15 pCi/L
Uranium ≤ 20 pCi/L
Radium 226 ≤ 3 pCi/L

Corporate Offices & Laboratory
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March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals *Aluminum*	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	129% 114% 0.76	75-125 75-125 ≤10.0	435
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 102%	<10 <10 90-110 90-110	
Antimony	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	109% 107% 1.8%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 99.4%	<1 <1 90-110 90-110	
Arsenic	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	117% 115% 0.10	75-125 75-125 ≤2.00	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.8% 100%	<2 <2 90-110 90-110	
Barium	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	100% 96.2% 0.19	75-125 75-125 ≤2.00	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 101% 106%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	105% 106% 1.0%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 107% 107%	<0.2 <0.2 90-110 90-110	
Boron	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	117% 114% 2.2%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0 0.001 102% 102%	<N/A <N/A 95-105 90-110	
Cadmium	200.8	03/20/2006:A204	MS	ug/L	5.000	117%	75-125	

Report continued on next page...

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March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Cadmium	200.8	03/20/2006:A204	MSD MSRPD	ug/L ug/L	5.000	115% 1.9%	75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 98.8% 102%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	127% 116% 2.2%	75-125 75-125 ≤20.0	435
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 98.8%	<1 <1 95-105 90-110	
Chromium	200.8	02/24/2006:A204 (VI 640275-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	115% 113% 1.7%	75-125 75-125 ≤20	
	200.8	03/03/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.4% 98.1%	<1 <1 90-110 90-110	
Copper	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	116% 114% 1.7%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 102% 104%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	112% 109% 2.7%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.02 -0.02 102% 99.6%	<N/A <N/A 95-105 90-110	
Lead	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	105% 103% 1.0%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 103% 109%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	02/17/2006:B203	MS	mg/L	12.50	117%	75-125	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Magnesium	200.7	02/17/2006:B203	MSD MSRPD	mg/L mg/L	12.50	111% 1.6%	75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 100% 98.0%	<1 <1 95-105 90-110	
Manganese	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	110% 108% 2.0%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 101% 98.4%	<0.03 <0.03 95-105 90-110	
Mercury	7470A	03/24/2006:A212 (STK631375-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 0.2000 0.2000 0.2000	ND 91.5% 68.4% 65.8% 2.7%	<0.02 85-115 75-125 75-125 ≤20	 435 435
	245.1	03/29/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	PPT PPT PPT PPT	 200.0 200.0	ND ND 99.0% 99.5%	<20 <20 90-110 90-110	
Nickel	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	111% 112% 0.9%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 98.7% 98.4%	<1 <1 90-110 90-110	
Potassium	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	115% 112% 1.9%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 99.7%	<1 <1 95-105 90-110	
Selenium	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	125% 122% 0.16	75-125 75-125 ≤2.00	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 101% 102%	<2 <2 90-110 90-110	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Silver	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	106% 104% 1.7%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 93.7% 95.2%	<1 <1 90-110 90-110	
Sodium	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	123% 116% 1.0%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 103% 105%	<1 <1 95-105 90-110	
Thallium	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	106% 106% 0.1%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 103% 109%	<0.2 <0.2 90-110 90-110	
Vanadium	200.8	03/20/2006:A204 (SP 601459-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	113% 114% 0.2%	75-125 75-125 ≤20	
	200.8	03/22/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 101% 101%	<2 <2 90-110 90-110	
Zinc	200.7	02/17/2006:B203 (STK631347-06)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	110% 110% 0.2%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.1% 97.6%	<0.05 <0.05 95-105 90-110	
Wet Chem								
Bicarbonate	2320B	02/17/2006:A202	Dup	mg/L		0.4%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	25.00 500.0 500.0	96.6% 103% 104% 1.3%	90-110 93-110 93-110 ≤3.02	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chloride	300.0	02/15/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	50.00	102%	90-110	
			00-CCV	ppm	25.00	96.9%	90-110	
Color	2120C	02/15/2006:A208	Dup	units		0.00	5.0	
	2120C	02/15/2006:A	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	
Cyanide, Total	4500CNCE	02/27/2006:A210	Blank	mg/L		ND	<0.005	
			LCS	mg/L	0.1000	96.7%	90-110	
			MS	mg/L	0.05000	81.2%	10-155	
		(SP 601491-01)	MSD	mg/L	0.05000	83.0%	10-155	
			MSRPD	mg/L		2.2%	≤48.7	
Cyanide	4500CNCE	03/01/2006:A	00-CCB	mg/L		ND	<0.01	
			00-CCV	mg/L	0.1000	97.2%	90-110	
Fluoride	300.0	02/15/2006:A215	LCS	mg/L	2.500	91.4%	90-110	
			MS	mg/L	50.00	94.5%	90-109	
		(STK631354-01)	MSD	mg/L	50.00	96.5%	90-109	
			MSRPD	mg/L		2.1%	≤4.56	
	300.0	02/15/2006:A	00-ICB	ppm		ND	<0.1	
			00-CCB	ppm		ND	<0.1	
			00-ICV	ppm	5.000	93.9%	90-110	
			00-CCV	ppm	2.500	91.4%	90-110	
Hydroxide	2320B	02/17/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/15/2006:A218	MS	mg/L	0.1000	100%	90-110	
		(SP 601542-01)	MSD	mg/L	0.1000	100%	90-110	
			MSRPD	mg/L		0.00	≤0.100	
	5540C	02/15/2006:A	00-CCB	mg/L		ND	<0.1	
			00-CCV	mg/L	0.1000	100%	99-101	
Nitrate	300.0	02/15/2006:A215	LCS	mg/L	20.00	95.3%	90-110	
			MS	mg/L	400.0	95.8%	94-111	
		(STK631354-01)	MSD	mg/L	400.0	98.7%	94-111	
			MSRPD	mg/L		2.9%	≤2.71	
	300.0	02/15/2006:A	00-ICB	ppm		ND	<0.4	
			00-CCB	ppm		ND	<0.4	
			00-ICV	ppm	40.00	101%	90-110	
			00-CCV	ppm	20.00	97.4%	90-110	
Nitrite	300.0	02/15/2006:A215	LCS	mg/L	15.00	97.5%	90-110	
			MS	mg/L	300.0	102%	94-109	
		(STK631354-01)	MSD	mg/L	300.0	104%	94-109	
			MSRPD	mg/L		1.4%	≤2.61	
	300.0	02/15/2006:A	00-ICB	ppm		ND	<0.3	

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrite	300.0	02/15/2006:A	00-CCB 00-ICV 00-CCV	ppm ppm ppm	 30.00 15.00	ND 101% 98.1%	<0.3 90-110 90-110	
Odor	2150B	02/15/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/14/2006:S346	Dup	units		0.3%	4.80	
	4500-H B	02/14/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/16/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 101% 99.6%	<1 95-105 95-105	
Sulfate	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	97.8% 103% 104% 1.3%	90-110 96-113 96-113 ≤2.29	
	300.0	02/15/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	ND ND 102% 97.5%	<1 <1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/17/2006:A202	Dup	mg/L		0.4%	9.03	
	2320B	02/17/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.8% 94.0%	90-110 90-110	
Total Dissolved Solids	2540C	02/16/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 98.4% 1.2%	<40 90-110 10.0	
Turbidity	2130B	02/15/2006:A245	Dup	NTU		0.0%	3.23	
	2130B	02/15/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.5%	<0.2 90-110	

Explanations

220 The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
355 CCV not within Acceptance Range (AR). Results were reported with client approval.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent

Definitions are continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Inorganic

Definitions

difference is an indication of precision for the preparation and analysis.

ICB	:	Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	:	Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	:	Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	:	Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	:	Non-detect - Result was below the DQO listed for the analyte.
< ¼	:	High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	:	Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	00-CCV	ug/L	5.000	126%	70-130	
			01-CCV	ug/L	5.000	128%	70-130	
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	00-CCV	ug/L	9.975	134%	70-130	565
			01-CCV	ug/L	9.975	137%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	00-CCV	ug/L	5.000	110%	70-130	
			01-CCV	ug/L	5.000	111%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	01-CCV	ug/L	100.0	115%	70-130	
			02-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	01-CCV	ug/L	10.00	115%	70-130	
			02-CCV	ug/L	10.00	118%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	01-CCV	ug/L	10.00	116%	70-130	
			02-CCV	ug/L	10.00	119%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	01-CCV	ug/L	10.00	114%	70-130	
			02-CCV	ug/L	10.00	115%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	01-CCV	ug/L	10.00	102%	70-130	
			02-CCV	ug/L	10.00	144%	70-130	360
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	01-CCV	ug/L	10.00	117%	70-130	
			02-CCV	ug/L	10.00	119%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	01-CCV	ug/L	10.00	110%	70-130	
			02-CCV	ug/L	10.00	112%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	01-CCV	ug/L	10.00	96.5%	70-130	
			02-CCV	ug/L	10.00	82.8%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	01-CCV	ug/L	10.00	120%	70-130	
			02-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	01-CCV 02-CCV	ug/L ug/L	50.00 50.00	106% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
Atrazine	507		Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
Bromacil	507		Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
Butachlor	507		Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310
Diazinon	507		Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 144% 147% 136% 0.27	<2 70-130 52-199 52-199 ≤2.00	310
Dimethoate	507		Blank LCS	ug/L ug/L	 2.500	ND 155%	<2 70-130	310

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Dimethoate	507	02/20/2006:A205	BS	ug/L	2.500	165%	68-206	
			BSD	ug/L	2.500	151%	68-206	
			BSRPD	ug/L		0.36	≤2.00	
Metolachlor	507		Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	153%	70-130	310
			BS	ug/L	2.500	152%	69-215	
			BSD	ug/L	2.500	136%	69-215	
			BSRPD	ug/L		0.40	≤1.00	
Metribuzin	507		Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	149%	70-130	310
			BS	ug/L	2.500	157%	67-232	
			BSD	ug/L	2.500	135%	67-232	
			BSRPD	ug/L		14.2%	≤40.9	
Molinate	507		Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	167%	70-130	310
			BS	ug/L	2.500	167%	62-239	
			BSD	ug/L	2.500	169%	62-239	
			BSRPD	ug/L		0.057	≤2.00	
Prometryn	507		Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	152%	70-130	310
			BS	ug/L	2.500	155%	76-204	
			BSD	ug/L	2.500	146%	76-204	
			BSRPD	ug/L		0.22	≤2.00	
Propachlor	507		Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
Simazine	507		Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
Thiobencarb	507		Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
Triphenylphosphate-Surrogate	507		Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bentazon	515.3	02/22/2006:A241	MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	
			LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	

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Pentachlorophenol	515.3	03/02/2006:A	02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	102%	70-130	
			MSRPD	ug/L		0.22	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	126%	70-130	
			02-CCV	ug/L	40.00	116%	70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	109%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	106%	70-130	
			MSRPD	ug/L		0.10	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	124%	70-130	
			02-CCV	ug/L	40.00	115%	70-130	
Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	98.2%	70-129	
			BSD	ug/L	10.00	96.6%	70-129	
			BSRPD	ug/L		1.6%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	64-140	
			BSD	ug/L	10.00	122%	64-140	
			BSRPD	ug/L		9.0%	≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	120%	63-153	
			BSD	ug/L	10.00	114%	63-153	
			BSRPD	ug/L		5.0%	≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	146%	75-140	426
			BSD	ug/L	10.00	143%	75-140	426
			BSRPD	ug/L		2.3%	≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360

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4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
Bromomethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 93.4% 90.4% 3.2%	<0.5 53-144 53-144 ≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	50.00 50.00	ND 112% 106% 5.7%	<2 42-165 42-165 ≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 135% 123% 9.2%	<0.5 72-117 72-117 ≤17.8	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 129% 115% 11.1%	<0.5 63-118 63-118 ≤18.2	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 132% 120% 9.8%	<0.5 54-129 54-129 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	10.00 10.00	ND 145% 130% 11.1%	<0.5 51-158 51-158 ≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Chlorobenzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	131% 118% 10.4%	30-160 30-160 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 111% 105% 5.4%	<0.5 58-131 58-131 ≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Chloroform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.3%	<0.5 74-137 74-137 ≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 139% 121% 13.5%	<0.5 35-131 35-131 ≤23.3	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 112% 12.0%	<0.5 67-126 67-126 ≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 117% 7.2%	<0.5 68-124 68-124 ≤17.8	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 108% 0.22	<3 52-128 52-128 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 117% 10.8%	<0.5 59-139 59-139 ≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Dibromomethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	114% 114% 0.6%	79-155 79-155 ≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 10.4%	<0.5 59-147 59-147 ≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 119% 11.1%	<0.5 63-137 63-137 ≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 118% 16.0%	<0.5 60-137 60-137 ≤17.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	96.7% 120% 118%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 134% 120% 11.0%	<0.5 27-138 27-138 ≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 115% 116% 0.7%	<0.5 56-121 56-121 ≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 120% 10.3%	<0.5 67-158 67-158 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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1,1-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 125% 1.7%	62-120 62-120 ≤18.1	426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 106% 104% 2.2%	<0.5 66-129 66-129 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 117% 103% 12.7%	<0.5 63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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cis-1,3-Dichloropropene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	110% 114% 3.8%	61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 116% 5.8%	<0.5 55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Naphthalene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	136% 132% 2.7%	22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.7%	<0.5 50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	154% 144% 7.0%	54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 128% 122% 5.2%	<0.5 56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	133% 122% 8.4%	65-126 65-126 ≤17.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 107% 98.0% 8.8%	<0.5 47-124 47-124 ≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 118% 111% 5.9%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	

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Perylene-d12-Surrogate	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	99.0%	80-120	
			MS	ug/L	10.00	103%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.8%	65-135	
			MSRPD	ug/L		1.1	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	99.1%	80-120	
			01-CCV	ug/L	20.00	94.6%	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	00-CCV	ug/L	20.00	98.0%	80-120	
			01-CCV	ug/L	40.00	94.0%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	116%	80-120	
			01-CCV	ug/L	20.00	105%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	96.7%	80-120	
			01-CCV	ug/L	20.00	100%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	106%	80-120	
			01-CCV	ug/L	20.00	95.0%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	

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Methomyl	531.1	03/08/2006:A211	MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	102%	80-120	
			01-CCV	ug/L	20.00	93.2%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	108%	80-120	
			01-CCV	ug/L	20.00	107%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	00-CCV	ug/L	100.0	97.0%	80-120	
			01-CCV	ug/L	200.0	105%	80-120	
Endothall	548.1	02/15/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	100%	10-125	
			MS	ug/L	83.33	52.8%	0- 90	
		(SP 601318-02)	MSD	ug/L	83.33	61.7%	0- 90	
			MSRPD	ug/L		7.4	≤40.0	
	548.1	02/28/2006:A	00-CCV	ug/L	2500	87.1%	70-130	
			01-CCV	ug/L	2500	92.5%	70-130	
Diquat	549.2	02/15/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	64.4%	0-143	
			MS	ug/L	20.00	41.5%	14-130	
		(SP 601318-02)	MSD	ug/L	20.00	50.3%	14-130	
			MSRPD	ug/L		1.8	≤2.00	
	549.2	02/28/2006:A	00-CCV	ug/L	1000	129%	80-120	360
			01-CCV	ug/L	500.0	148%	80-120	360
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations and definitions are continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Organic

Explanations

310	LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360	CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426	Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435	Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560	Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565	Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	: Method Detection Level
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	: Non-detect - Result was below the DQO listed for the analyte.
< ¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 30, 2006
Kleinfelder Inc.

Lab ID : STK631375
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.073±.066	
			00-CCV	cpm	12450	40.5%	41.0±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.283±.15	
			00-CCV	cpm	12450	89.0%	88.9±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631375:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631375-001	MW-1	Source-Other	Jaime Ricci	Kleinfelder, Inc.	02/14/2006 12:11	02/14/2006 16:00 ct	2006-02-18 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-1	---	---	SM 9221B	MPN/100ml	1.1 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-1 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
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Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399
FAX: (559) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 30, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631375

Enclosed are the results of dioxin analysis for your sample received February 14, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180123
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631375-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180123

General Comments

As discussed on February 20, 2006, this sample was received at 0° C but the samples did not appear to be frozen.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180123

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP1V	001	MW-1	02/14/06	12:11

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180123

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631375 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s) Jaime Ricci

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)											
1	MW-1	2/14/06	1211	G	GW			2											

RECEIVED BY LABORATORY
FEB 17 2006
06

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
DR	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Calover	2/16/06	1700	[illegible]	2-17-06	1400			

STL Sacramento (916) 373 - 5600

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FAX: (559) 734-8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37270

LOT# (QUANTIMS ID) G6B180123 QUOTE# 30647 LOCATION V13B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 9-15		OK	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 0 6 0 Average: 0 Corrected Average: 0		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		✓
LABELED BY			2-18-06
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ 2-17-06 COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☑ Clouseau	☑ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A		
☑ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED		☑ PM NOTIFIED

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

G6B180123 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180123

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-1

Trace Level Organic Compounds

Lot-Sample #...: G6B180123-001 **Work Order #...:** HXP1V1AA **Matrix.....:** WATER
Date Sampled...: 02/14/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	77	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180123

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180123 **Work Order #...:** HXT2H1AA **Matrix.....:** WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 **Prep Batch #...:** 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180123 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180123 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631375 **3-2703**

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - ~~Colifirm PA~~ LTB-10 TUBE 120ml(PBa)-Na2S2O3	General Mineral pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/14/06	1211	G	LBW			2	2	1											
1	MW-1	2/14/06	1211	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1

Remarks: **Multiple Chains**

HNO_3 Field Filtered

1 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/14/06	1525	DR	2/14/05	1700	[illegible]		

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
DR	2/14/06	1525	Culover	2/14/05	1700	[illegible]	2/15/06	1000

10.00 Sub Freight

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FGL ENVIRONMENTAL

Special

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)
Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631375 **3-2703**

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/14/06	1211	G	LBW					
1	MW-1	2/14/06	1211	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/14/06	1525	DR	2/14/05	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
DR	2/14/06	1525	CALOVER	2/14/05	1700			

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Stockton, [redacted]215
TEL: (209) [redacted]2-0182

Field Office
Visa[redacted]lifornia
TEL[redacted]734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DY

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 6 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): _____

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631375
SRP-02/15/2006-10:48:51

:re

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Lab ID : STK631376
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 39 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (8 Pages) : Results for each sample submitted.
Quality Control (26 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
MW-2	02/14/2006	02/14/2006	STK631376-01	GW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/27/2006:D203 All preparation quality controls are within established criteria.
	02/28/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/17/2006:B204 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Arsenic, Cadmium, Selenium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/21/2006:A - IX202 All analysis quality controls are within established criteria, except: The following note applies to Barium, Lead, Thallium: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.

Table continued on next page...

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FAX: (559) 734-8435
Mobile: (559) 737-2399

March 14, 2006

Lab ID : STK631376
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

245.1	02/17/2006:A - HG201 All analysis quality controls are within established criteria.
7470/1A	02/16/2006:B212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/15/2006:A208 All preparation quality controls are within established criteria.
	02/15/2006:A - CHL All analysis quality controls are within established criteria.
2130B	02/15/2006:A245 All preparation quality controls are within established criteria.
	02/15/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/15/2006:A222 All preparation quality controls are within established criteria.
2320B	02/17/2006:A202 All preparation quality controls are within established criteria.
	02/17/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/16/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/16/2006:A235 All preparation quality controls are within established criteria.
300.0	02/15/2006:A215 All preparation quality controls are within established criteria.
	02/15/2006:A - IC204 All analysis quality controls are within established criteria.
4500-H B	02/14/2006:S346 All preparation quality controls are within established criteria.
	02/14/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	02/27/2006:A210 All preparation quality controls are within established criteria.
	03/01/2006:A - UV203 All analysis quality controls are within established criteria.
5540C	02/15/2006:A218 All preparation quality controls are within established criteria.
	02/15/2006:A - SBL All analysis quality controls are within established criteria.

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	02/18/2006:A203 Continued... suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria. The following note applies to Bromacil, Prometryn, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Triphenylphosphate: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/15/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/15/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631376
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP219 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-2
Project : Mariposa Lake

Lab ID : STK631376-01
Customer ID: 3-2703

Sampled On : February 14, 2006-14:39
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.7	--	units		4500-H B	02/14/06:S346	4500-H B	02/14/2006:S00 15:46
General Mineral P:1,4								
Total Hardness	322	2.5	mg/L		Calculation		Calculation	
Calcium	68	1	mg/L		200.7	02/27/06:D203	200.7	02/28/2006:A04
Magnesium	37	1	mg/L		200.7	02/27/06:D203	200.7	02/28/2006:A04
Potassium	9	1	mg/L		200.7	02/27/06:D203	200.7	02/28/2006:A0
Sodium	98	1	mg/L		200.7	02/27/06:D203	200.7	02/28/2006:A04
Total Cations	10.9	--	meq/L		Calculation		Calculation	
Boron	0.1	0.1	mg/L		200.7	02/27/06:D203	200.7	02/28/2006:A04
Copper	ND	10	ug/L	1000[2]	200.7	02/27/06:D203	200.7	02/28/2006:A04
Iron	ND	50	ug/L	300[2]	200.7	02/27/06:D203	200.7	02/28/2006:A04
Manganese	ND	10	ug/L	50[2]	200.7	02/27/06:D203	200.7	02/28/2006:A04
Zinc	ND	20	ug/L	5000[2]	200.7	02/27/06:D203	200.7	02/28/2006:A04
Total Alkalinity (as CaCO3)	260	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Carbonate	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Bicarbonate	320	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Sulfate	44	1	mg/L	500[2]	300.0	02/15/06:A215	300.0	02/15/2006:A00
Chloride	140	5♦	mg/L	500[2]	300.0	02/15/06:A215	300.0	02/15/2006:A00
Nitrate	63.4	0.4	mg/L	45	300.0	02/15/06:A215 14:00	300.0	02/15/2006:A00 21:44
Nitrite as N	0.61	0.1	mg/L	1	300.0	02/15/06:A215 14:00	300.0	02/15/2006:A00 21:44
Fluoride	0.3	0.1	mg/L	2	300.0	02/15/06:A215	300.0	02/15/2006:A00
Total Anions	11.2	--	meq/L		Calculation		Calculation	
Specific Conductance	1110	1	umhos/cm	1600[2]	2510B	02/16/06:A212	2510B	02/16/2006:A01
Total Dissolved Solids	710	40	mg/L	1000[2]	2540C	02/16/06:A235	2540 C,E	02/17/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/15/06:A218 18:40	5540C	02/15/2006:A01 19:35
Aggressiveness Index	12.3	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.5	1.0	mg/L		Calculation		Calculation	

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Mobile: (559) 737-2399

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631376-01
Customer ID: 3-2703
Description : MW-2

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total P:1,5								
Aluminum	20	10	ug/L	1000[2]	200.8	02/17/06:B204	200.8	02/21/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/17/06:B204	200.8	02/21/2006:A00
Arsenic	5	2	ug/L	10	200.8	02/17/06:B204	200.8	02/21/2006:A00
Barium	106	0.2	ug/L	1000	200.8	02/17/06:B204	200.8	02/21/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/17/06:B204	200.8	02/21/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/17/06:B204	200.8	02/21/2006:A00
Chromium	5	1	ug/L	50	200.8	02/17/06:B204	200.8	02/21/2006:A00
Lead	ND	0.2	ug/L		200.8	02/17/06:B204	200.8	02/21/2006:A00
Mercury	ND	0.2	ug/L	2	7470/1A	02/16/06:B212	245.1	02/17/2006:A03
Nickel	ND	1	ug/L	100	200.8	02/17/06:B204	200.8	02/21/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/17/06:B204	200.8	02/21/2006:A00
Silver	ND	1	ug/L	100[2]	200.8	02/17/06:B204	200.8	02/21/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/17/06:B204	200.8	02/21/2006:A00
Vanadium	22	2	ug/L		200.8	02/17/06:B204	200.8	02/21/2006:A00
Wet Chemistry P:1,10								
Color	ND	5	units	15[2]	2120C	02/15/06:A208 19:40	2120C	02/15/2006:A00 19:51
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	02/27/06:A210	4500CNCE	03/01/2006:A00
Odor	ND	1	TON	3[2]	2150B	02/15/06:A222 19:54	2150B	02/15/2006:D00 20:03
Turbidity	1270	0.2	NTU	5[2]	2130B	02/15/06:A245 19:17	2130B	02/15/2006:A00 19:22

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximum Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-2
Project : Mariposa Lake

Lab ID : STK631376-01
Customer ID : 3-2703

Sampled On : February 14, 2006-14:39
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	128	70-130	% Rec		504.1	02/18/06:A203	02/18/2006:A01
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A01
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A01
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

Table continued next page...

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631376-01
Customer ID: 3-2703
Description : MW-2

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	100	70-130	% Rec		507	02/20/06:A205	02/24/2006:A01
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Atrazine	1.9	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A01
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A01
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A01
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A01
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A01
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A01
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A01
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	113	70-130	% Rec		515.3	02/22/06:A241	03/02/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/02/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/02/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/02/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/02/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/02/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	100	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	96.0	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631376-01
Customer ID: 3-2703
Description : MW-2

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631376-01
Customer ID: 3-2703
Description : MW-2

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	89.3	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/08/2006:A01
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/08/2006:A01
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/08/2006:A01
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/08/2006:A01
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/08/2006:A01
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/08/2006:A01

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631376-01
Customer ID: 3-2703
Description : MW-2

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/23/2006:A01
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/15/06:A213	02/28/2006:A01
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/15/06:A214	02/28/2006:A01
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/01/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-2
Project : Mariposa Lake

Lab ID : STK631376-01
Customer ID: 3-2703

Sampled On : February 14, 2006-14:39
Sampled By : Jaime Ricci
Received : February 14, 2006-15:25 Stockton
Received : February 15, 2006-11:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	6.73 ± 2.60	pCi/L	15*	900.0	02/21/06:A207	900.0	02/28/2006:A01
Gross Beta	2.66 ± 1.50	pCi/L	50	900.0	02/21/06:A207	900.0	02/28/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	-328% -276% 0.9%	< ¼ < ¼ ≤20	408 408
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 95.4% 100%	<10 <10 90-110 90-110	
Antimony	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	97.0% 95.8% 0.063	75-125 75-125 ≤1.00	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 108% 104%	<1 <1 90-110 90-110	
Arsenic	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	128% 130% 0.092	75-125 75-125 ≤2.00	435 435
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 100% 100%	<2 <2 90-110 90-110	
Barium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	25.0% 21.0% 0.3%	< ¼ < ¼ ≤20	408 408
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.1% 102%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	111% 114% 2.4%	75-125 75-125 ≤20	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 92.8% 99.5%	<0.2 <0.2 90-110 90-110	
Boron	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	106% 105% 0.0%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.01 93.0% -0.006 102%	<N/A 90-110 <N/A 90-110	
Cadmium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435

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Corporate Offices & Laboratory
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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Cadmium	200.8	02/17/2006:B204	MSD MSRPD	ug/L ug/L	5.000	131% 0.2%	75-125 ≤20	435
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 102%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	97.6% 105% 2.0%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 25.00 25.00	ND 93.7% ND 103%	<1 90-110 <1 90-110	
Chromium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	107% 106% 0.7%	75-125 75-125 ≤20	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.3% 98.3%	<1 <1 90-110 90-110	
Copper	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	107% 106% 0.5%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 1.000 1.000	ND 94.6% ND 102%	<0.05 90-110 <0.05 90-110	
Iron	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	107% 107% 0.1%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 5.000 5.000	0.003 95.7% 0.003 102%	<N/A 90-110 <N/A 90-110	
Lead	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	120% 120% 0.1%	75-125 75-125 ≤20	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.8% 99.4%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	02/27/2006:D203	MS	mg/L	12.50	102%	75-125	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Magnesium	200.7	02/27/2006:D203	MSD	mg/L	12.50	106%	75-125	
			MSRPD	mg/L		1.3%	≤20.0	
	200.7	02/28/2006:A	03-CCB	ppm		ND	<1	
			03-CCV	ppm	25.00	95.0%	90-110	
			04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	102%	90-110	
Manganese	200.7	02/27/2006:D203	MS	ug/L	800.0	105%	75-125	
		(STK631646-02)	MSD	ug/L	800.0	104%	75-125	
			MSRPD	ug/L		0.3%	≤20.0	
	200.7	02/28/2006:A	03-CCB	ppm		ND	<0.03	
			03-CCV	ppm	1.000	94.1%	90-110	
			04-CCB	ppm		ND	<0.03	
			04-CCV	ppm	1.000	100%	90-110	
Mercury	7470/1A	02/16/2006:B212	Blank	ug/L		ND	<0.2	
			LCS	ug/L	2.000	103%	85-115	
			MS	ug/L	2.000	102%	75-125	
		(SP 601466-01)	MSD	ug/L	2.000	102%	75-125	
			MSRPD	ug/L		0.5%	≤20	
	245.1	02/17/2006:A	02-CCB	ug/L		ND	<0.2	
			02-CCV	ug/L	5.000	99.4%	90-110	
			03-CCB	ug/L		ND	<0.2	
			03-CCV	ug/L	5.000	97.6%	90-110	
Nickel	200.8	02/17/2006:B204	MS	ug/L	5.000	117%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	119%	75-125	
			MSRPD	ug/L		1.4%	≤20	
	200.8	02/21/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	97.9%	90-110	
			00-CCV	ppb	100.0	96.8%	90-110	
Potassium	200.7	02/27/2006:D203	MS	mg/L	12.50	100%	75-125	
		(STK631646-02)	MSD	mg/L	12.50	101%	75-125	
			MSRPD	mg/L		0.6%	≤20.0	
	200.7	02/28/2006:A	03-CCB	ppm		ND	<1	
			03-CCV	ppm	25.00	91.1%	90-110	
			04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	100%	90-110	
Selenium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435
		(SP 601630-01)	MSD	ug/L	5.000	131%	75-125	435
			MSRPD	ug/L		0.084	≤2.00	
	200.8	02/21/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	101%	90-110	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Silver	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	99.0% 97.3% 0.084	75-125 75-125 ≤1.00	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 100% 98.8%	<1 <1 90-110 90-110	
Sodium	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	99.2% 104% 1.9%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 25.00 25.00	ND 94.6% ND 105%	<1 90-110 <1 90-110	
Thallium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	123% 123% 0.0%	75-125 75-125 ≤20	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 91.2% 97.4%	<0.2 <0.2 90-110 90-110	
Vanadium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	103% 102% 0.5%	75-125 75-125 ≤20	
	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.5% 99.2%	<2 <2 90-110 90-110	
Zinc	200.7	02/27/2006:D203 (STK631646-02)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	110% 111% 0.4%	75-125 75-125 ≤20.0	
	200.7	02/28/2006:A	03-CCB 03-CCV 04-CCB 04-CCV	ppm ppm ppm ppm	 1.000 1.000	ND 99.8% ND 99.4%	<0.05 90-110 <0.05 90-110	
Wet Chem Bicarbonate	2320B	02/17/2006:A202	Dup	mg/L		0.4%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	25.00 500.0 500.0	96.6% 103% 104% 1.3%	90-110 93-110 93-110 ≤3.02	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Chloride	300.0	02/15/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 50.00 25.00	ND ND 102% 96.9%	<1 <1 90-110 90-110	
Color	2120C	02/15/2006:A208	Dup	units		0.00	5.0	
	2120C	02/15/2006:A	00-CCB 00-CCV	units units	 10.00	ND 100%	<5 90-110	
Cyanide, Total	4500CNCE	02/27/2006:A210 (SP 601491-01)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	 0.1000 0.05000 0.05000	ND 96.7% 81.2% 83.0% 2.2%	<0.005 90-110 10-155 10-155 ≤48.7	
Cyanide	4500CNCE	03/01/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 97.2%	<0.01 90-110	
Fluoride	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	91.4% 94.5% 96.5% 2.1%	90-110 90-109 90-109 ≤4.56	
	300.0	02/15/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 2.500	ND ND 93.9% 91.4%	<0.1 <0.1 90-110 90-110	
Hydroxide	2320B	02/17/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/15/2006:A218 (SP 601542-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/15/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	95.3% 95.8% 98.7% 2.9%	90-110 94-111 94-111 ≤2.71	
	300.0	02/15/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 40.00 20.00	ND ND 101% 97.4%	<0.4 0.4 90-110 90-110	
Nitrite	300.0	02/15/2006:A215 (STK631354-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	15.00 300.0 300.0	97.5% 102% 104% 1.4%	90-110 94-109 94-109 ≤2.61	
	300.0	02/15/2006:A	00-ICB	ppm		ND	<0.3	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrite	300.0	02/15/2006:A	00-CCB	ppm		ND	<0.3	
			00-ICV	ppm	30.00	101%	90-110	
			00-CCV	ppm	15.00	98.1%	90-110	
Odor	2150B	02/15/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/14/2006:S346	Dup	units		0.3%	4.80	
	4500-H B	02/14/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/16/2006:A	00-ICB	umhos/cm		ND	<1	
			00-ICV	umhos/cm	10000	101%	95-105	
			01-CCV	umhos/cm	1006	99.6%	95-105	
Sulfate	300.0	02/15/2006:A215	LCS	mg/L	50.00	97.8%	90-110	
			MS	mg/L	1000	103%	96-113	
		(STK631354-01)	MSD	mg/L	1000	104%	96-113	
			MSRPD	mg/L		1.3%	≤2.29	
	300.0	02/15/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	100.0	102%	90-110	
			00-CCV	ppm	50.00	97.5%	90-110	
Total Alkalinity (as CaCO3)	2320B	02/17/2006:A202	Dup	mg/L		0.4%	9.03	
	2320B	02/17/2006:A	00-CCV	mg/L	234.9	93.8%	90-110	
			01-CCV	mg/L	234.9	94.0%	90-110	
Total Dissolved Solids	2540C	02/16/2006:A235	Blank	mg/L		ND	<40	
			LCS	mg/L	1000	98.4%	90-110	
			Dup	mg/L		1.2%	10.0	
Turbidity	2130B	02/15/2006:A245	Dup	NTU		0.0%	3.23	
	2130B	02/15/2006:A	00-CCB	NTU		ND	<0.2	
			00-CCV	NTU	2.000	99.5%	90-110	

Explanations

355 CCV not within Acceptance Range (AR). Results were reported with client approval.
408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Inorganic

Definitions

CCB	:	Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	:	Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	:	Non-detect - Result was below the DQO listed for the analyte.
< ¼	:	High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	:	Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	00-CCV	ug/L	5.000	126%	70-130	
			01-CCV	ug/L	5.000	128%	70-130	
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	00-CCV	ug/L	9.975	134%	70-130	565
			01-CCV	ug/L	9.975	137%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	00-CCV	ug/L	5.000	110%	70-130	
			01-CCV	ug/L	5.000	111%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Kleinfelder Inc.

Lab ID : STK631376
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	89.3% 117%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	100% 118%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	100% 121%	80-120 80-120	360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	105% 118%	80-120 80-120	
Diazinon	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 144% 147% 136% 0.27	<2 70-130 52-199 52-199 ≤2.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	86.5% 107%	80-120 80-120	
Dimethoate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 155% 165% 151% 0.36	<2 70-130 68-206 68-206 ≤2.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	96.6% 114%	80-120 80-120	
Metolachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 152% 136% 0.40	<1 70-130 69-215 69-215 ≤1.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	96.9% 118%	80-120 80-120	
Metribuzin	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 149% 157% 135% 14.2%	<0.5 70-130 67-232 67-232 ≤40.9	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	99.0% 114%	80-120 80-120	
Molinate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 167% 167% 169% 0.057	<2 70-130 62-239 62-239 ≤2.00	310
	507	02/23/2006:A	00-CCV 01-CCV	ug/L ug/L	1000 500.0	98.7% 116%	80-120 80-120	
Prometryn	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 155% 146% 0.22	<2 70-130 76-204 76-204 ≤2.00	310
	507	02/23/2006:A	00-CCV	ug/L	1000	100%	80-120	

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Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Prometryn	507	02/23/2006:A	01-CCV	ug/L	500.0	121%	80-120	360
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	00-CCV	ug/L	1000	100%	80-120	
			01-CCV	ug/L	500.0	117%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	00-CCV	ug/L	1000	98.7%	80-120	
			01-CCV	ug/L	500.0	116%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	00-CCV	ug/L	1000	104%	80-120	
			01-CCV	ug/L	500.0	131%	80-120	360
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	00-CCV	ug/L	7500	96.3%	80-120	
			01-CCV	ug/L	2500	121%	80-120	565
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	93.4%	53-144	
			BSD	ug/L	10.00	90.4%	53-144	
			BSRPD	ug/L		3.2%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	112%	42-165	
			BSD	ug/L	50.00	106%	42-165	
			BSRPD	ug/L		5.7%	≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	72-117	426
			BSD	ug/L	10.00	123%	72-117	426
			BSRPD	ug/L		9.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	129%	63-118	426
			BSD	ug/L	10.00	115%	63-118	
			BSRPD	ug/L		11.1%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	132%	54-129	426
			BSD	ug/L	10.00	120%	54-129	
			BSRPD	ug/L		9.8%	≤18.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	145%	51-158	
			BSD	ug/L	10.00	130%	51-158	
			BSRPD	ug/L		11.1%	≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		10.4%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	111%	58-131	
			BSD	ug/L	10.00	105%	58-131	
			BSRPD	ug/L		5.4%	≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	125%	74-137	
			BSD	ug/L	10.00	119%	74-137	
			BSRPD	ug/L		4.3%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	139%	35-131	426
			BSD	ug/L	10.00	121%	35-131	
			BSRPD	ug/L		13.5%	≤23.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	67-126	
			BSD	ug/L	10.00	112%	67-126	
			BSRPD	ug/L		12.0%	≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	68-124	426
			BSD	ug/L	10.00	117%	68-124	
			BSRPD	ug/L		7.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank	ug/L		ND	<3	
			BS	ug/L	10.00	110%	52-128	
			BSD	ug/L	10.00	108%	52-128	
			BSRPD	ug/L		0.22	≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	59-139	
			BSD	ug/L	10.00	117%	59-139	
			BSRPD	ug/L		10.8%	≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	114%	79-155	
			BSD	ug/L	10.00	114%	79-155	
			BSRPD	ug/L		0.6%	≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	59-147	
			BSD	ug/L	10.00	121%	59-147	
			BSRPD	ug/L		10.4%	≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/24/2006:A209	BS	ug/L	10.00	107%	47-124	
			BSD	ug/L	10.00	98.0%	47-124	
			BSRPD	ug/L		8.8%	≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	20.00	118%	43-151	
			BSD	ug/L	20.00	111%	43-151	
			BSRPD	ug/L		5.9%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank	ug/L		ND	<0.1	
			LCS	ug/L	5.000	111%	70-130	
			BS	ug/L	5.000	104%	70-130	
			BSD	ug/L	5.000	110%	70-130	
			BSRPD	ug/L		5.4%	≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank	ug/L		ND	<1	
			LCS	ug/L	5.000	93.4%	70-130	
			BS	ug/L	5.000	96.6%	70-130	
			BSD	ug/L	5.000	91.7%	70-130	
			BSRPD	ug/L		0.25	≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank	ug/L		ND	<3	
			LCS	ug/L	5.000	94.5%	70-130	
			BS	ug/L	5.000	98.3%	70-130	
			BSD	ug/L	5.000	98.6%	70-130	
			BSRPD	ug/L		0.019	≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank	ug/L	5.000	86.5%	70-130	
			LCS	ug/L	5.000	89.5%	70-130	
			BS	ug/L	5.000	84.0%	70-130	
			BSD	ug/L	5.000	85.7%	70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	99.0%	80-120	
			MS	ug/L	10.00	103%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.8%	65-135	
			MSRPD	ug/L		1.1	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	99.1%	80-120	
			01-CCV	ug/L	20.00	94.6%	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	00-CCV	ug/L	20.00	98.0%	80-120	
			01-CCV	ug/L	40.00	94.0%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	116%	80-120	
			01-CCV	ug/L	20.00	105%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	96.7%	80-120	
			01-CCV	ug/L	20.00	100%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	106%	80-120	
			01-CCV	ug/L	20.00	95.0%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	102%	80-120	
			01-CCV	ug/L	20.00	93.2%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	108%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	00-CCV	ug/L	100.0	97.0%	80-120	
			01-CCV	ug/L	200.0	105%	80-120	
Endothall	548.1	02/15/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	100%	10-125	
			MS	ug/L	83.33	52.8%	0- 90	
		(SP 601318-02)	MSD	ug/L	83.33	61.7%	0- 90	
			MSRPD	ug/L		7.4	≤40.0	
	548.1	02/28/2006:A	00-CCV	ug/L	2500	87.1%	70-130	
			01-CCV	ug/L	2500	92.5%	70-130	
Diquat	549.2	02/15/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	64.4%	0-143	
			MS	ug/L	20.00	41.5%	14-130	
		(SP 601318-02)	MSD	ug/L	20.00	50.3%	14-130	
			MSRPD	ug/L		1.8	≤2.00	
	549.2	02/28/2006:A	00-CCV	ug/L	1000	129%	80-120	360
			01-CCV	ug/L	500.0	148%	80-120	360
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

Quality Control - Organic

Definitions

how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631376
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		0.080	.0772±.058	
			00-CCV	cpm	12450	41.2%	40.6±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.24	.289±.14	
			00-CCV	cpm	12450	88.3%	89.8±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631376:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631376-001	MW-2	Source-Other	Jaime Ricci	Kleinfelder, Inc.	02/14/2006 14:39	02/14/2006 16:02 ct	2006-02-17 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-2	---	---	SM 9221B	MPN/100ml	23.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-2 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

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ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631376

Enclosed are the results of dioxin analysis for your sample received February 14, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
FAX: (805) 525-4172
CA NELAP Certification No. 01110CA
CA ELAP Certification No. 1573

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TEL: (209) 942-0181
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CA ELAP Certification No. 1563

Field Office
Visalia, California
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FAX: (559) 734-8435
Mobile: (559) 737-2399

SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180122
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631376-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180122

General Comments

As discussed on February 20, 2006, this sample was received at 0° C but the samples did not appear to be frozen.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180122

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP1R	001	MW-2	02/14/06	14:39

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180122

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631376 - (3-2703)

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) JAIME RICCI

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-2	2/14/06	1439	G	GW			2

RECEIVED IN GOOD CONDITION FEB 17 2006 INL

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Dr	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Carover	2/16/06	1700	[illegible]	2-17-06	1400			

STL Sacramento (916) 373 - 5600

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FAX: (209)[redacted]23

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Mobile: (5[redacted]7-2399
FAX: (559[redacted]8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37209

LOT# (QUANTIMS ID) G6B180122 QUOTE# 30647 LOCATION W 13B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915		CK	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 0 0 0 Average: 0 Corrected Average: 0		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		2-18-06
LABELED BY			
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☑ Clouseau	☑ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A		
☑ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED		☑ PM NOTIFIED

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

G6B180122 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180122

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-2

Trace Level Organic Compounds

Lot-Sample #...: G6B180122-001 **Work Order #...:** HXP1R1AA **Matrix.....:** WATER
Date Sampled...: 02/14/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180122

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180122 Work Order #...: HXT2H1AA Matrix.....: WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180122 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control paramcters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180122 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

ENVIRONMENTAL

Special

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631376 **3-2703**

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - ~~Colifer PA~~ LTB-10TUBE 120ml(PBa)-Na2S2O3	General Mineral	pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/14/06	1439	G	LBW			2	2	1												
1	MW-2	2/14/06	1439	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1	

Remarks: **Multiple Chains**

HNO_3 Field Filtered

1 of 2 10^{00} SubFreight

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/14/06	1525	Dr	2/14/05	1700	[illegible]		
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Dr	2/14/06	1525	CALOVER	2/14/05	1700	[illegible]	2/15/06	1100a

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Mobile: (559) 737-2399

FGR ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** **3-2703**

Method of Sampling: Composite(C) Grab(G)

Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW)

Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Type of Sample	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/14/06	1439	LBW			
1	MW-2	2/14/06	1439	GW	1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/14/06	1525	DY	2/14/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
DY	2/14/06	1525	CALOVER	2/14/06	1700			

Corporate Offices & Laboratory
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2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0182

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DY

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 6 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): _____

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631376
SRP-02/15/2006-10:50:37

March 14, 2006

Lab ID : STK631430
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 40 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (9 Pages) : Results for each sample submitted.
Quality Control (26 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Travel Blank	02/15/2006	02/15/2006	STK631430-00	LBW
MW-3	02/15/2006	02/15/2006	STK631430-01	GW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	03/01/2006:C203 All preparation quality controls are within established criteria, except: The following note applies to Calcium, Magnesium, Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Potassium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/01/2006:B - I_207 All analysis quality controls are within established criteria.
200.8	02/17/2006:B204 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

Corporate Offices & Laboratory
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Field Office
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FAX: (559) 734-8435
Mobile: (559) 737-2399

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

200.8	02/17/2006:B204 Continued... The following note applies to Arsenic, Cadmium, Selenium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/17/2006:A - IX202 All analysis quality controls are within established criteria.
245.1	02/17/2006:A - HG201 All analysis quality controls are within established criteria.
7470/1A	02/16/2006:B212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/16/2006:A208 All preparation quality controls are within established criteria.
	02/16/2006:D - EL All analysis quality controls are within established criteria.
2130B	02/16/2006:A245 All preparation quality controls are within established criteria.
2150B	02/16/2006:A222 All preparation quality controls are within established criteria.
2320B	02/17/2006:A202 All preparation quality controls are within established criteria.
	02/17/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/17/2006:A212 All preparation quality controls are within established criteria.
	02/17/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/17/2006:A235 All preparation quality controls are within established criteria.
300.0	02/16/2006:A215 All preparation quality controls are within established criteria.
	02/16/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 220 The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
4500-H B	02/15/2006:S346 All preparation quality controls are within established criteria.
	02/15/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	02/28/2006:A210 All preparation quality controls are within established criteria.
	03/01/2006:B - UV203 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631430
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

5540C	02/16/2006:A218 All preparation quality controls are within established criteria.
	02/16/2006:A - JBD All analysis quality controls are within established criteria.

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Prometryn, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Triphenylphosphate: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631430
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP217 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Travel Blank
Project : Mariposa Lake

Lab ID : STK631430-00
Customer ID : 3-2703

Sampled On : February 15, 2006-15:54
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Lab. Blank Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	82.3	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (AGT) Amber Glass TFE-Cap Preservatives: (1) Cool 4°C

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March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-3
Project : Mariposa Lake

Lab ID : STK631430-01
Customer ID : 3-2703

Sampled On : February 15, 2006-15:54
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.7	--	units		4500-H B	02/15/06:S346	4500-H B	02/15/2006:S00 17:10
General Mineral P:1,4								
Total Hardness	113	2.5	mg/L		Calculation		Calculation	
Calcium	24	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Magnesium	13	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Potassium	5	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Sodium	35	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Total Cations	3.9	--	meq/L		Calculation		Calculation	
Boron	ND	0.1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Copper	ND	10	ug/L	1000[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Iron	610	50	ug/L	300[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Manganese	30	10	ug/L	50[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Zinc	ND	20	ug/L	5000[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Total Alkalinity (as CaCO3)	160	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Carbonate	ND	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Bicarbonate	190	10	mg/L		2320B	02/17/06:A202	2320B	02/17/2006:A01
Sulfate	11	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Chloride	18	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Nitrate	5.4	0.4	mg/L	45	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 20:32
Nitrite as N	ND	0.1	mg/L	1	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 20:32
Fluoride	0.3	0.1	mg/L	2	300.0	02/16/06:A215	300.0	02/16/2006:A00
Total Anions	4.0	--	meq/L		Calculation		Calculation	

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631430-01
Customer ID: 3-2703
Description : MW-3

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
Specific Conductance	386	1	umhos/cm	1600[2]	2510B	02/17/06:A212	2510B	02/17/2006:A01
Total Dissolved Solids	260	40	mg/L	1000[2]	2540C	02/17/06:A235	2540 C,E	02/20/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/16/06:A218 15:16	5540C	02/16/2006:A00 16:48
Aggressiveness Index	11.7	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.2	1.0	mg/L		Calculation		Calculation	
Metals, Total P:1,5								
Aluminum	380	10	ug/L	1000[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/17/06:B204	200.8	02/17/2006:A00
Arsenic	7	2	ug/L	10	200.8	02/17/06:B204	200.8	02/17/2006:A00
Barium	48.1	0.2	ug/L	1000	200.8	02/17/06:B204	200.8	02/17/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/17/06:B204	200.8	02/17/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/17/06:B204	200.8	02/17/2006:A00
Chromium	2	1	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A00
Lead	0.3	0.2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Mercury	ND	0.2	ug/L	2	7470/1A	02/16/06:B212	245.1	02/17/2006:A03
Nickel	2	1	ug/L	100	200.8	02/17/06:B204	200.8	02/17/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A0
Silver	ND	1	ug/L	100[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/17/06:B204	200.8	02/17/2006:A00
Vanadium	37	2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Wet Chemistry P:1,10								
Color	20	5	units	15[2]	2120C	02/16/06:A208 17:22	2120C	02/16/2006:D00 17:31
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	02/28/06:A210	4500CNCE	03/01/2006:B00
Odor	ND	1	TON	3[2]	2150B	02/16/06:A222 17:23	2150B	02/16/2006:C00 17:27
Turbidity	2670	0.2	NTU	5[2]	2130B	02/16/06:A245 14:21	2130B	02/16/2006:A00 17:27

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - *Secondary Standard.*
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-3
Project : Mariposa Lake

Lab ID : STK631430-01
Customer ID : 3-2703

Sampled On : February 15, 2006-15:54
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	84.9	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	116	70-130	% Rec		504.1	02/18/06:A203	02/18/2006:A02
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A02
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A02
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631430-01
Customer ID: 3-2703
Description : MW-3

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 505 VOA:1							
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	86.5	70-130	% Rec		507	02/20/06:A205	02/24/2006:A02
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A02
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A02
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A02
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A02
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A02
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	109	70-130	% Rec		515.3	02/22/06:A241	03/02/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/02/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/02/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/02/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/02/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/02/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/02/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/02/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631430-01
Customer ID: 3-2703
Description : MW-3

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	102	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	96.0	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631430-01
Customer ID: 3-2703
Description : MW-3

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A01
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631430-01
Customer ID: 3-2703
Description : MW-3

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/23/2006:A01
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A04
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	03/01/2006:A04
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/01/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-3
Project : Mariposa Lake

Lab ID : STK631430-01
Customer ID : 3-2703

Sampled On : February 15, 2006-15:54
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	0.000 ± 0.672	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	2.31 ± 0.732	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	-328% -276% 0.9%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 95.5% 95.2%	<10 <10 90-110 90-110	
Antimony	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	97.0% 95.8% 0.063	75-125 75-125 ≤1.00	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.0% 91.7%	<1 <1 90-110 90-110	
Arsenic	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	128% 130% 0.092	75-125 75-125 ≤2.00	435 435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 101%	<2 <2 90-110 90-110	
Barium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	25.0% 21.0% 0.3%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.5% 101%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	111% 114% 2.4%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 95.8%	<0.2 <0.2 90-110 90-110	
Boron	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	115% 124% 6.5%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 5.000 5.000	0.01 102% 0.008 103%	<N/A 90-110 <N/A 90-110	
Cadmium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Cadmium	200.8	02/17/2006:B204	MSD MSRPD	ug/L ug/L	5.000	131% 0.2%	75-125 ≤20	435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 106% 104%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	65.6% 187% 6.2%	< ¼ < ¼ ≤20.0	408 408
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 25.00 25.00	ND 101% ND 103%	<1 90-110 <1 90-110	
Chromium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	107% 106% 0.7%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 98.9%	<1 <1 90-110 90-110	
Copper	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	116% 124% 6.4%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 1.000 1.000	ND 101% ND 103%	<0.05 90-110 <0.05 90-110	
Iron	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	113% 121% 6.8%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 5.000 5.000	0.0009 102% 0.006 102%	<N/A 90-110 <N/A 90-110	
Lead	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	120% 120% 0.1%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 97.3%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	03/01/2006:C203	MS	mg/L	12.50	88.0%	< ¼	408

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Magnesium	200.7	03/01/2006:C203	MSD	mg/L	12.50	175%	< ¼	408
			MSRPD	mg/L		6.3%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	101%	90-110	
			05-CCB	ppm		ND	<1	
			05-CCV	ppm	25.00	102%	90-110	
Manganese	200.7	03/01/2006:C203	MS	ug/L	800.0	113%	75-125	
		(SP 601298-01)	MSD	ug/L	800.0	122%	75-125	
			MSRPD	ug/L		6.6%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<0.03	
			04-CCV	ppm	1.000	102%	90-110	
			05-CCB	ppm		ND	<0.03	
			05-CCV	ppm	1.000	103%	90-110	
Mercury	7470/1A	02/16/2006:B212	Blank	ug/L		ND	<0.2	
			LCS	ug/L	2.000	103%	85-115	
			MS	ug/L	2.000	102%	75-125	
		(SP 601466-01)	MSD	ug/L	2.000	102%	75-125	
			MSRPD	ug/L		0.5%	≤20	
	245.1	02/17/2006:A	02-CCB	ug/L		ND	<0.2	
			02-CCV	ug/L	5.000	99.4%	90-110	
			03-CCB	ug/L		ND	<0.2	
			03-CCV	ug/L	5.000	97.6%	90-110	
Nickel	200.8	02/17/2006:B204	MS	ug/L	5.000	117%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	119%	75-125	
			MSRPD	ug/L		1.4%	≤20	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	95.1%	90-110	
Potassium	200.7	03/01/2006:C203	MS	mg/L	12.50	117%	75-125	
		(SP 601298-01)	MSD	mg/L	12.50	135%	75-125	435
			MSRPD	mg/L		6.1%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	105%	90-110	
			05-CCB	ppm		ND	<1	
			05-CCV	ppm	25.00	106%	90-110	
Selenium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435
		(SP 601630-01)	MSD	ug/L	5.000	131%	75-125	435
			MSRPD	ug/L		0.084	≤2.00	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	105%	90-110	
			00-CCV	ppb	100.0	102%	90-110	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Silver	200.8	02/17/2006:B204	MS	ug/L	5.000	99.0%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	97.3%	75-125	
			MSRPD	ug/L		0.084	≤1.00	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	99.4%	90-110	
			00-CCV	ppb	100.0	99.9%	90-110	
Sodium	200.7	03/01/2006:C203	MS	mg/L	12.50	44.0%	< ¼	408
		(SP 601298-01)	MSD	mg/L	12.50	172%	< ¼	408
			MSRPD	mg/L		2.5%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	103%	90-110	
			05-CCB	ppm		ND	<1	
			05-CCV	ppm	25.00	104%	90-110	
Thallium	200.8	02/17/2006:B204	MS	ug/L	5.000	123%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	123%	75-125	
			MSRPD	ug/L		0.0%	≤20	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	99.8%	90-110	
			00-CCV	ppb	100.0	99.2%	90-110	
Vanadium	200.8	02/17/2006:B204	MS	ug/L	5.000	103%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	102%	75-125	
			MSRPD	ug/L		0.5%	≤20	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	104%	90-110	
			00-CCV	ppb	100.0	99.2%	90-110	
Zinc	200.7	03/01/2006:C203	MS	ug/L	2000	118%	75-125	
		(SP 601298-01)	MSD	ug/L	2000	119%	75-125	
			MSRPD	ug/L		1.2%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<0.05	
			04-CCV	ppm	1.000	100%	90-110	
			05-CCB	ppm		ND	<0.05	
			05-CCV	ppm	1.000	101%	90-110	
Wet Chem								
Bicarbonate	2320B	02/17/2006:A202	Dup	mg/L		0.4%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/16/2006:A215	LCS	mg/L	25.00	97.4%	90-110	
			MS	mg/L	500.0	105%	93-110	
		(SP 601568-02)	MSD	mg/L	500.0	103%	93-110	
			MDL	mg/L	0.5000	84.0%	50-150	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chloride	300.0	02/16/2006:A215	MSRPD	mg/L		1.8%	≤3.02	
			QAMDL	mg/L	0.5000	0.078	1	
	300.0	02/16/2006:A	00-ICB	ppm		25.30	<1	
			00-CCB	ppm		25.60	<1	220
			00-ICV	ppm	50.00	102%	90-110	
			00-CCV	ppm	25.00	102%	90-110	
Color	2120C	02/16/2006:A208	Dup	units		0.00	5.0	
	2120C	02/16/2006:D	00-CCB	units		ND	<5	
Cyanide, Total	4500CNCE	02/28/2006:A210	Blank	mg/L		ND	<0.005	
			LCS	mg/L	0.1000	93.0%	90-110	
			MS	mg/L	0.05000	70.0%	10-155	
		(STK631432-01)	MSD	mg/L	0.05000	70.9%	10-155	
			MSRPD	mg/L		1.3%	≤48.7	
Cyanide	4500CNCE	03/01/2006:B	00-CCB	mg/L		ND	<0.01	
			00-CCV	mg/L	0.1000	96.7%	90-110	
Fluoride	300.0	02/16/2006:A215	LCS	mg/L	2.500	92.0%	90-110	
			MS	mg/L	50.00	94.2%	90-109	
		(SP 601568-02)	MSD	mg/L	50.00	92.9%	90-109	
			MDL	mg/L	0.05000	178%	50-150	
			MSRPD	mg/L		1.3%	≤4.56	
			QAMDL	mg/L	0.05000	0.014	0.1	
	300.0	02/16/2006:A	00-ICB	ppm		2.347	<0.1	
			00-CCB	ppm		2.352	<0.1	220
			00-ICV	ppm	5.000	92.9%	90-110	
			00-CCV	ppm	2.500	93.8%	90-110	
Hydroxide	2320B	02/17/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/16/2006:A218	MS	mg/L	0.1000	100%	90-110	
		(STK631392-02)	MSD	mg/L	0.1000	100%	90-110	
			MSRPD	mg/L		0.00	≤0.100	
	5540C	02/16/2006:A	00-CCB	mg/L		ND	<0.1	
			00-CCV	mg/L	0.1000	100%	99-101	
Nitrate	300.0	02/16/2006:A215	LCS	mg/L	20.00	97.6%	90-110	
			MS	mg/L	400.0	102%	94-111	
		(SP 601568-02)	MSD	mg/L	400.0	100%	94-111	
			MDL	mg/L	0.4000	88.4%	50-150	
			MSRPD	mg/L		1.8%	≤2.71	
			QAMDL	mg/L	0.4000	0.039	0.4	
	300.0	02/16/2006:A	00-ICB	ppm		19.98	<0.4	
			00-CCB	ppm		19.97	<0.4	220
			00-ICV	ppm	40.00	95.3%	90-110	
			00-CCV	ppm	20.00	100%	90-110	
Nitrite	300.0	02/16/2006:A215	LCS	mg/L	15.00	98.4%	90-110	

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Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/16/2006:A215 (SP 601568-02)	MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L	300.0 300.0 0.3000 0.3000	104% 102% 87.4% 2.0% 0.038	94-109 94-109 50-150 ≤2.61 0.3	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	15.28 15.44 101% 103%	<0.3 <0.3 90-110 90-110	220
Odor	2150B	02/16/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/15/2006:S346	Dup	units		0.2%	4.80	
	4500-H B	02/15/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/17/2006:A212	Blank Dup	umhos/cm umhos/cm		ND 0.0%	<1 0.743	
	2510B	02/17/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 100% 99.2%	<1 95-105 95-105	
Sulfate	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L mg/L	50.00 1000 1000 1.000 1.000	97.8% 102% 100% 112% 2.0% 0.37	90-110 96-113 96-113 50-150 ≤2.29 1	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	50.48 51.26 100% 102%	<1 <1 90-110 90-110	220
Total Alkalinity (as CaCO3)	2320B	02/17/2006:A202	Dup	mg/L		0.4%	9.03	
	2320B	02/17/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.8% 94.0%	90-110 90-110	
Total Dissolved Solids	2540C	02/17/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000 	ND 96.3% 4.3%	<40 90-110 10.0	
Turbidity	2130B	02/16/2006:A245	Dup	NTU		0.3%	3.23	

Explanations and definitions are continued on next page...

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Quality Control - Inorganic

Explanations

220	The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
408	Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435	Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	: Method Detection Level
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	: Non-detect - Result was below the DQO listed for the analyte.
< ¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	128%	70-130	
			02-CCV	ug/L	10.00	138%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	01-CCV	ug/L	9.975	137%	70-130	565
			02-CCV	ug/L	9.975	148%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	111%	70-130	
			02-CCV	ug/L	10.00	115%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	 310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	117% 110%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	 310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 115%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	 310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	121% 121%	80-120 80-120	360 360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	 310

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 114%	80-120 80-120	
Diazinon	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 144% 147% 136% 0.27	<2 70-130 52-199 52-199 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	107% 106%	80-120 80-120	
Dimethoate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 155% 165% 151% 0.36	<2 70-130 68-206 68-206 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	114% 114%	80-120 80-120	
Metolachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 152% 136% 0.40	<1 70-130 69-215 69-215 ≤1.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 117%	80-120 80-120	
Metribuzin	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 149% 157% 135% 14.2%	<0.5 70-130 67-232 67-232 ≤40.9	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	114% 120%	80-120 80-120	
Molinate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 167% 167% 169% 0.057	<2 70-130 62-239 62-239 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	116% 115%	80-120 80-120	
Prometryn	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 155% 146% 0.22	<2 70-130 76-204 76-204 ≤2.00	310
	507	02/23/2006:A	01-CCV	ug/L	500.0	121%	80-120	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Prometryn	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	117%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	131%	80-120	360
			02-CCV	ug/L	1000	125%	80-120	360
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	01-CCV	ug/L	2500	121%	80-120	565
			02-CCV	ug/L	7500	113%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Lab ID : STK631430
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	93.4%	53-144	
			BSD	ug/L	10.00	90.4%	53-144	
			BSRPD	ug/L		3.2%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	112%	42-165	
			BSD	ug/L	50.00	106%	42-165	
			BSRPD	ug/L		5.7%	≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	72-117	426
			BSD	ug/L	10.00	123%	72-117	426
			BSRPD	ug/L		9.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	129%	63-118	426
			BSD	ug/L	10.00	115%	63-118	
			BSRPD	ug/L		11.1%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	132%	54-129	426
			BSD	ug/L	10.00	120%	54-129	
			BSRPD	ug/L		9.8%	≤18.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	145%	51-158	
			BSD	ug/L	10.00	130%	51-158	
			BSRPD	ug/L		11.1%	≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		10.4%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	111%	58-131	
			BSD	ug/L	10.00	105%	58-131	
			BSRPD	ug/L		5.4%	≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	125%	74-137	
			BSD	ug/L	10.00	119%	74-137	
			BSRPD	ug/L		4.3%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	139%	35-131	426
			BSD	ug/L	10.00	121%	35-131	
			BSRPD	ug/L		13.5%	≤23.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	67-126	
			BSD	ug/L	10.00	112%	67-126	
			BSRPD	ug/L		12.0%	≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	68-124	426
			BSD	ug/L	10.00	117%	68-124	
			BSRPD	ug/L		7.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank	ug/L		ND	<3	
			BS	ug/L	10.00	110%	52-128	
			BSD	ug/L	10.00	108%	52-128	
			BSRPD	ug/L		0.22	≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	59-139	
			BSD	ug/L	10.00	117%	59-139	
			BSRPD	ug/L		10.8%	≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	114%	79-155	
			BSD	ug/L	10.00	114%	79-155	
			BSRPD	ug/L		0.6%	≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	59-147	
			BSD	ug/L	10.00	121%	59-147	
			BSRPD	ug/L		10.4%	≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	107% 98.0% 8.8%	47-124 47-124 ≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 118% 111% 5.9%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 99.0% 103% 91.8% 1.1	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	00-CCV 01-CCV	ug/L ug/L	10.00 20.00	99.1% 94.6%	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank LCS	ug/L ug/L	 20.00	ND 96.0%	<3 80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	00-CCV	ug/L	20.00	98.0%	80-120	
			01-CCV	ug/L	40.00	94.0%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	116%	80-120	
			01-CCV	ug/L	20.00	105%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	96.7%	80-120	
			01-CCV	ug/L	20.00	100%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	106%	80-120	
			01-CCV	ug/L	20.00	95.0%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	102%	80-120	
			01-CCV	ug/L	20.00	93.2%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	108%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	00-CCV	ug/L	100.0	97.0%	80-120	
			01-CCV	ug/L	200.0	105%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	03-CCV	ug/L	1000	94.2%	70-130	
			04-CCV	ug/L	2500	102%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	03-CCV	ug/L	500.0	146%	80-120	360
			04-CCV	ug/L	1000	120%	80-120	
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Organic

Definitions

how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631430
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.0747±.053	
			00-CCV	cpm	12450	40.9%	41.2±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.291±.13	
			00-CCV	cpm	12450	90.0%	88.6±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631430:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631430-001	MW-3	Source-Other	Jaime Ricci	Kleinfelder	02/15/2006 15:54	02/15/2006 16:58 ct	2006-02-18 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-3	---	---	SM 9221B	MPN/100ml	12.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-3 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
FAX: (805) 525-4172

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FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399
FAX: (559) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631430

Enclosed are the results of dioxin analysis for your sample received February 15, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

Corporate Offices & Laboratory
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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180121
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631430-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180121

General Comments

As discussed on February 20, 2006, this sample was received at 0° C but the samples did not appear to be frozen.

There were no other anomalies associated with this project.

SAMPLE SUMMARY

G6B180121

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP03	001	MW-3	02/15/06	15:54

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180121

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: Fruit Growers Laboratory, Inc.

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631430 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s) Jaime Ricci

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW3	2/15/06	1554	G	GW			2

RECEIVED IN GOOD CONDITION
FEB 17 2006
INI. OK

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
DR	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
CAlover	2/16/06	1700	[illegible]	2-17-06	1400			

STL Sacramento (916) 373 - 5600

Corporate Offices & Laboratory
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FAX: (209[redacted]423

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: ([redacted]37-2399
FAX: (55[redacted]-8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37268

LOT# (QUANTIMS ID) G6B180121 QUOTE# 38647 LOCATION W3B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915		as	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 0 0 0 Average: 0 Corrected Average: 0		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		2-18-06
LABELED BY			
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☑ Clouseau ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1	☑ N/A		
☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED	☑ PM NOTIFIED		

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

G6B180121 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180121

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	7																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-3

Trace Level Organic Compounds

Lot-Sample #...: G6B180121-001 **Work Order #...:** HXP031AA **Matrix.....:** WATER
Date Sampled...: 02/15/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	91	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180121

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180121 Work Order #...: HXT2H1AA Matrix.....: WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180121 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180121 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

Special

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631430 **3-2703**

Method of Sampling: Composite(C) Grab(G)
SEE REVERSE SIDE
Type of Sample
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - ~~Colifert P/A~~ LTB-MTF 120ml(PBa)-Na2S2O3	General Mineral pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/15/06	1554	G	LBW			2	2	1											
1	MW-3	2/15/06	1554	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1

Remarks: **Multiple Chains**

HNO_3 Field Filtered

1 of 2 10^{00} Sub Freight

Relinquished	Date:	Time:
Jaime Ricci	2/15/06	1625
Dr	2/15/06	1700
CWM	2/16/06	1000

Received By:	Date:	Time:
Dr	2/15/06	1625
Calover	2/15/06	1700
[illegible]	2/16/06	1000

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FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631430 **3-2703**

Method of Sampling: Composite(C) Grab(G)

SEE REVERSE SIDE Type of Sample

Potable(P) Non-Potable(NP) Ag Water(AgW)

Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable	Bacti	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/15/06	1554	G	LBW					
1	MW-3	2/15/06	1554	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/15/06	1625	Dr	2/15/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Dr	2/15/06	1625	Calvey	2/15/06	1700			

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Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DV

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 2 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? ~~Yes~~ No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) ~~Yes~~ No
4. Were sample custody seals intact? ~~N/A~~ Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ~~Yes~~ No
2. Did bottle labels correspond with the client's ID's? ~~Yes~~ ~~No~~
3. Were all bottles requiring sample preservation properly preserved? ~~Yes~~ No N/A FGL
4. Were all analyses within holding times at time of receipt? ~~Yes~~ No
5. Have rush or project due dates been checked and accepted? ~~N/A~~ Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): UL

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631430
IV-02/16/2006-09:16:19

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Lab ID : STK631431
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 40 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (9 Pages) : Results for each sample submitted.
Quality Control (26 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Travel Blank	02/15/2006	02/15/2006	STK631431-00	LBW
MW-4	02/15/2006	02/15/2006	STK631431-01	GW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/17/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to Calcium, Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
	02/17/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/17/2006:B204 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Arsenic, Cadmium, Selenium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

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FAX: (559) 734-8435
Mobile: (559) 737-2399

March 14, 2006

Lab ID : STK631431
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

200.8	02/17/2006:A - IX202 Continued... 02/17/2006:A - IX202 All analysis quality controls are within established criteria.
245.1	02/17/2006:A - HG201 All analysis quality controls are within established criteria.
7470/1A	02/16/2006:B212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/16/2006:A208 All preparation quality controls are within established criteria.
	02/16/2006:D - EL All analysis quality controls are within established criteria.
2130B	02/16/2006:A245 All preparation quality controls are within established criteria.
2150B	02/16/2006:A222 All preparation quality controls are within established criteria.
2320B	02/22/2006:A202 All preparation quality controls are within established criteria.
	02/22/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/17/2006:A212 All preparation quality controls are within established criteria.
	02/17/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/17/2006:A235 All preparation quality controls are within established criteria.
300.0	02/16/2006:A215 All preparation quality controls are within established criteria.
	02/16/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 220 The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
4500-H B	02/15/2006:S346 All preparation quality controls are within established criteria.
	02/15/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	02/28/2006:A210 All preparation quality controls are within established criteria.
	03/01/2006:B - UV203 All analysis quality controls are within established criteria.
5540C	02/16/2006:A218 All preparation quality controls are within established criteria.
	02/16/2006:A - JBD All analysis quality controls are within established criteria.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Prometryn, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Triphenylphosphate: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	03/02/2006:A - GC216 Continued... 03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	03/07/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

Table continued on next page...

March 14, 2006

Lab ID : STK631431
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP218 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Travel Blank
Project : Mariposa Lake

Lab ID : STK631431-00
Customer ID : 3-2703

Sampled On : February 15, 2006-14:23
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Lab. Blank Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	89.5	70-130	% Rec		525.2	02/19/06:A210	03/07/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	03/07/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	03/07/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	03/07/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximum Contaminat Level. [2] - Secondary Standard.
Containers: (AGT) Amber Glass TFE-Cap Preservatives: (1) Cool 4°C

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ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-4
Project : Mariposa Lake

Lab ID : STK631431-01
Customer ID: 3-2703

Sampled On : February 15, 2006-14:23
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.3	--	units		4500-H B	02/15/06:S346	4500-H B	02/15/2006:S00 17:11
General Mineral P:1,4								
Total Hardness	396	2.5	mg/L		Calculation		Calculation	
Calcium	86	1	mg/L		200.7	02/17/06:A203	200.7	02/17/2006:A00
Magnesium	44	1	mg/L		200.7	02/17/06:A203	200.7	02/17/2006:A00
Potassium	8	1	mg/L		200.7	02/17/06:A203	200.7	02/17/2006:A00
Sodium	74	1	mg/L		200.7	02/17/06:A203	200.7	02/17/2006:A00
Total Cations	11.3	--	meq/L		Calculation		Calculation	
Boron	0.1	0.1	mg/L		200.7	02/17/06:A203	200.7	02/17/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/17/06:A203	200.7	02/17/2006:A00
Iron	450	50	ug/L	300[2]	200.7	02/17/06:A203	200.7	02/17/2006:A00
Manganese	20	10	ug/L	50[2]	200.7	02/17/06:A203	200.7	02/17/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/17/06:A203	200.7	02/17/2006:A00
Total Alkalinity (as CaCO3)	420	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Carbonate	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Bicarbonate	510	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Sulfate	35	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Chloride	68	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Nitrate	51.5	0.4	mg/L	45	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 20:04
Nitrite as N	0.31	0.1	mg/L	1	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 20:04
Fluoride	0.2	0.1	mg/L	2	300.0	02/16/06:A215	300.0	02/16/2006:A00
Total Anions	11.9	--	meq/L		Calculation		Calculation	

Table continued next page...

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631431-01
Customer ID: 3-2703
Description : MW-4

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
Specific Conductance	1080	1	umhos/cm	1600[2]	2510B	02/17/06:A212	2510B	02/17/2006:A01
Total Dissolved Solids	700	40	mg/L	1000[2]	2540C	02/17/06:A235	2540 C,E	02/20/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/16/06:A218 15:16	5540C	02/16/2006:A00 16:49
Aggressiveness Index	12.3	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.4	1.0	mg/L		Calculation		Calculation	
Metals, Total P:1,5								
Aluminum	170	10	ug/L	1000[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/17/06:B204	200.8	02/17/2006:A00
Arsenic	4	2	ug/L	10	200.8	02/17/06:B204	200.8	02/17/2006:A00
Barium	234	0.2	ug/L	1000	200.8	02/17/06:B204	200.8	02/17/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/17/06:B204	200.8	02/17/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/17/06:B204	200.8	02/17/2006:A00
Chromium	5	1	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A00
Lead	0.2	0.2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Mercury	ND	0.2	ug/L	2	7470/1A	02/16/06:B212	245.1	02/17/2006:A03
Nickel	2	1	ug/L	100	200.8	02/17/06:B204	200.8	02/17/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A[illegible]
Silver	ND	1	ug/L	100[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/17/06:B204	200.8	02/17/2006:A00
Vanadium	25	2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Wet Chemistry P:1,10								
Color	20	5	units	15[2]	2120C	02/16/06:A208 17:22	2120C	02/16/2006:D00 17:32
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	02/28/06:A210	4500CNCE	03/01/2006:B00
Odor	ND	1	TON	3[2]	2150B	02/16/06:A222 17:23	2150B	02/16/2006:C00 17:28
Turbidity	8970	0.2	NTU	5[2]	2130B	02/16/06:A245 14:21	2130B	02/16/2006:A00 17:28

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-4
Project : Mariposa Lake

Lab ID : STK631431-01
Customer ID: 3-2703

Sampled On : February 15, 2006-14:23
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	85.7	70-130	% Rec		525.2	02/19/06:A210	03/07/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	03/07/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	03/07/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	03/07/2006:A01
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	124	70-130	% Rec		504.1	02/18/06:A203	02/18/2006:A02
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A02
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A02
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631431-01
Customer ID: 3-2703
Description : MW-4

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 505 VOA:1							
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	76.8	70-130	% Rec		507	02/20/06:A205	02/24/2006:A02
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A02
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A02
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A02
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A02
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A02
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	116	70-130	% Rec		515.3	02/22/06:A241	03/03/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/03/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/03/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/03/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/03/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/03/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631431-01
Customer ID: 3-2703
Description : MW-4

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	100	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	99.5	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631431-01
Customer ID: 3-2703
Description : MW-4

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A01
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631431-01
Customer ID: 3-2703
Description : MW-4

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/24/2006:A01
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A04
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	03/01/2006:A04
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/02/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-4
Project : Mariposa Lake

Lab ID : STK631431-01
Customer ID : 3-2703

Sampled On : February 15, 2006-14:23
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	10.3 ± 2.57	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	4.11 ± 1.69	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01

MCL = Maximum Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

Corporate Offices & Laboratory
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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	-328% -276% 0.9%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 95.5% 95.2%	<10 <10 90-110 90-110	
Antimony	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	97.0% 95.8% 0.063	75-125 75-125 ≤1.00	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.0% 91.7%	<1 <1 90-110 90-110	
Arsenic	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	128% 130% 0.092	75-125 75-125 ≤2.00	435 435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 101%	<2 <2 90-110 90-110	
Barium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	25.0% 21.0% 0.3%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.5% 101%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	111% 114% 2.4%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 95.8%	<0.2 <0.2 90-110 90-110	
Boron	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	106% 114% 6.3%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	0 0.001 102% 102%	<N/A <N/A 95-105 90-110	
Cadmium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435

Report continued on next page...

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Cadmium	200.8	02/17/2006:B204	MSD MSRPD	ug/L ug/L	5.000	131% 0.2%	75-125 ≤20	435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 106% 104%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	71.8% 73.4% 0.2%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 98.8%	<1 <1 95-105 90-110	
Chromium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	107% 106% 0.7%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 98.9%	<1 <1 90-110 90-110	
Copper	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	88.7% 93.2% 4.9%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 102% 104%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	104% 110% 5.7%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.02 -0.02 102% 99.6%	<N/A <N/A 95-105 90-110	
Lead	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	120% 120% 0.1%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 97.3%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	02/17/2006:A203	MS	mg/L	12.50	92.5%	75-125	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Magnesium	200.7	02/17/2006:A203	MSD MSRPD	mg/L mg/L	12.50	94.6% 0.5%	75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 100% 98.0%	<1 <1 95-105 90-110	
Manganese	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	103% 109% 5.7%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 101% 98.4%	<0.03 <0.03 95-105 90-110	
Mercury	7470/1A	02/16/2006:B212 (SP 601466-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 2.000 2.000 2.000	ND 103% 102% 102% 0.5%	<0.2 85-115 75-125 75-125 ≤20	
	245.1	02/17/2006:A	02-CCB 02-CCV 03-CCB 03-CCV	ug/L ug/L ug/L ug/L	 5.000 5.000	ND 99.4% ND 97.6%	<0.2 90-110 <0.2 90-110	
Nickel	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	117% 119% 1.4%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 95.1%	<1 <1 90-110 90-110	
Potassium	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	103% 110% 5.1%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 99.7%	<1 <1 95-105 90-110	
Selenium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	130% 131% 0.084	75-125 75-125 ≤2.00	435 435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 105% 102%	<2 <2 90-110 90-110	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Silver	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	99.0% 97.3% 0.084	75-125 75-125 ≤1.00	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.4% 99.9%	<1 <1 90-110 90-110	
Sodium	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	74.4% 81.4% 1.0%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 103% 105%	<1 <1 95-105 90-110	
Thallium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	123% 123% 0.0%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.8% 99.2%	<0.2 <0.2 90-110 90-110	
Vanadium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	103% 102% 0.5%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 99.2%	<2 <2 90-110 90-110	
Zinc	200.7	02/17/2006:A203 (SP 601560-01)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	108% 116% 6.9%	75-125 75-125 ≤20.0	
	200.7	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.1% 97.6%	<0.05 <0.05 95-105 90-110	
Wet Chem Bicarbonate	2320B	02/22/2006:A202	Dup	mg/L		0.2%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL	mg/L mg/L mg/L mg/L	25.00 500.0 500.0 0.5000	97.4% 105% 103% 84.0%	90-110 93-110 93-110 50-150	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Chloride	300.0	02/16/2006:A215	MSRPD QAMDL	mg/L mg/L	 0.5000	1.8% 0.078	≤3.02 1	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 50.00 25.00	25.30 25.60 102% 102%	<1 <1 90-110 90-110	220
Color	2120C	02/16/2006:A208	Dup	units		0.00	5.0	
	2120C	02/16/2006:D	00-CCB	units		ND	<5	
Cyanide, Total	4500CNCE	02/28/2006:A210 (STK631432-01)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	 0.1000 0.05000 0.05000 	ND 93.0% 70.0% 70.9% 1.3%	<0.005 90-110 10-155 10-155 ≤48.7	
Cyanide	4500CNCE	03/01/2006:B	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 96.7%	<0.01 90-110	
Fluoride	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L mg/L	2.500 50.00 50.00 0.05000 0.05000	92.0% 94.2% 92.9% 178% 1.3% 0.014	90-110 90-109 90-109 50-150 ≤4.56 0.1	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 2.500	2.347 2.352 92.9% 93.8%	<0.1 <0.1 90-110 90-110	220
Hydroxide	2320B	02/22/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/16/2006:A218 (STK631392-02)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000 	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/16/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L mg/L	20.00 400.0 400.0 0.4000 0.4000	97.6% 102% 100% 88.4% 1.8% 0.039	90-110 94-111 94-111 50-150 ≤2.71 0.4	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 40.00 20.00	19.98 19.97 95.3% 100%	<0.4 <0.4 90-110 90-110	220
Nitrite	300.0	02/16/2006:A215	LCS	mg/L	15.00	98.4%	90-110	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/16/2006:A215 (SP 601568-02)	MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L	300.0 300.0 0.3000 0.3000	104% 102% 87.4% 2.0% 0.038	94-109 94-109 50-150 ≤2.61 0.3	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	15.28 15.44 101% 103%	<0.3 <0.3 90-110 90-110	220
Odor	2150B	02/16/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/15/2006:S346	Dup	units		0.2%	4.80	
	4500-H B	02/15/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/17/2006:A212	Blank Dup	umhos/cm umhos/cm		ND 0.0%	<1 0.743	
	2510B	02/17/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 100% 99.2%	<1 95-105 95-105	
Sulfate	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L mg/L	50.00 1000 1000 1.000 1.000	97.8% 102% 100% 112% 2.0% 0.37	90-110 96-113 96-113 50-150 ≤2.29 1	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	50.48 51.26 100% 102%	<1 <1 90-110 90-110	220
Total Alkalinity (as CaCO3)	2320B	02/22/2006:A202	Dup	mg/L		0.2%	9.03	
	2320B	02/22/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.3% 93.3%	90-110 90-110	
Total Dissolved Solids	2540C	02/17/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000 	ND 96.3% 4.3%	<40 90-110 10.0	
Turbidity	2130B	02/16/2006:A245	Dup	NTU		0.3%	3.23	

Explanations and definitions are *continued on next page...*

March 14, 2006
Kleinfelder Inc.

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Quality Control - Inorganic

Explanations

220	The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
408	Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435	Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	: Method Detection Level
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	: Non-detect - Result was below the DQO listed for the analyte.
< ¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	128%	70-130	
			02-CCV	ug/L	10.00	138%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	01-CCV	ug/L	9.975	137%	70-130	565
			02-CCV	ug/L	9.975	148%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	111%	70-130	
			02-CCV	ug/L	10.00	115%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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March 14, 2006
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	117% 110%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 115%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	121% 121%	80-120 80-120	360 360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 114%	80-120 80-120	
Diazinon	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 144% 147% 136% 0.27	<2 70-130 52-199 52-199 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	107% 106%	80-120 80-120	
Dimethoate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 155% 165% 151% 0.36	<2 70-130 68-206 68-206 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	114% 114%	80-120 80-120	
Metolachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 152% 136% 0.40	<1 70-130 69-215 69-215 ≤1.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 117%	80-120 80-120	
Metribuzin	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 149% 157% 135% 14.2%	<0.5 70-130 67-232 67-232 ≤40.9	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	114% 120%	80-120 80-120	
Molinate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 167% 167% 169% 0.057	<2 70-130 62-239 62-239 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	116% 115%	80-120 80-120	
Prometryn	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 155% 146% 0.22	<2 70-130 76-204 76-204 ≤2.00	310
	507	02/23/2006:A	01-CCV	ug/L	500.0	121%	80-120	360

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Prometryn	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	117%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	131%	80-120	360
			02-CCV	ug/L	1000	125%	80-120	360
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	01-CCV	ug/L	2500	121%	80-120	565
			02-CCV	ug/L	7500	113%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	< 10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	< 1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	< 2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	< 0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	< 1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	< 1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 93.4% 90.4% 3.2%	<0.5 53-144 53-144 ≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 50.00 50.00	ND 112% 106% 5.7%	<2 42-165 42-165 ≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 123% 9.2%	<0.5 72-117 72-117 ≤17.8	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 115% 11.1%	<0.5 63-118 63-118 ≤18.2	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 132% 120% 9.8%	<0.5 54-129 54-129 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 130% 11.1%	<0.5 51-158 51-158 ≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 118% 10.4%	<0.5 30-160 30-160 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 111% 105% 5.4%	<0.5 58-131 58-131 ≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	125%	74-137	
			BSD	ug/L	10.00	119%	74-137	
			BSRPD	ug/L		4.3%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	139%	35-131	426
			BSD	ug/L	10.00	121%	35-131	
			BSRPD	ug/L		13.5%	≤23.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	67-126	
			BSD	ug/L	10.00	112%	67-126	
			BSRPD	ug/L		12.0%	≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	68-124	426
			BSD	ug/L	10.00	117%	68-124	
			BSRPD	ug/L		7.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank	ug/L		ND	<3	
			BS	ug/L	10.00	110%	52-128	
			BSD	ug/L	10.00	108%	52-128	
			BSRPD	ug/L		0.22	≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	59-139	
			BSD	ug/L	10.00	117%	59-139	
			BSRPD	ug/L		10.8%	≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	114%	79-155	
			BSD	ug/L	10.00	114%	79-155	
			BSRPD	ug/L		0.6%	≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	59-147	
			BSD	ug/L	10.00	121%	59-147	
			BSRPD	ug/L		10.4%	≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	107% 98.0% 8.8%	47-124 47-124 ≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 118% 111% 5.9%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	03/07/2006:A	00-CCV	mg/L	2.000	93.2%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	03/07/2006:A	00-CCV	mg/L	2.000	94.9%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	03/07/2006:A	00-CCV	mg/L	2.000	79.7%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	
	525.2	03/07/2006:A	00-CCV	mg/L	5.000	90.4%	70-130	
Aldicarb	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 99.0% 103% 91.8% 1.1	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	00-CCV 01-CCV	ug/L ug/L	10.00 20.00	99.1% 94.6%	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank LCS	ug/L ug/L	 20.00	ND 96.0%	<3 80-120	

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Kleinfelder Inc.

Lab ID : STK631431
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	00-CCV	ug/L	20.00	98.0%	80-120	
			01-CCV	ug/L	40.00	94.0%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	116%	80-120	
			01-CCV	ug/L	20.00	105%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	96.7%	80-120	
			01-CCV	ug/L	20.00	100%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	106%	80-120	
			01-CCV	ug/L	20.00	95.0%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	102%	80-120	
			01-CCV	ug/L	20.00	93.2%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	108%	80-120	

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Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	00-CCV	ug/L	100.0	97.0%	80-120	
			01-CCV	ug/L	200.0	105%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	03-CCV	ug/L	1000	94.2%	70-130	
			04-CCV	ug/L	2500	102%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	03-CCV	ug/L	500.0	146%	80-120	360
			04-CCV	ug/L	1000	120%	80-120	
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Organic

Definitions

how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631431
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.073±.066	
			00-CCV	cpm	12450	40.5%	41.0±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.283±.15	
			00-CCV	cpm	12450	89.0%	88.9±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631431:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631431-001	MW-4	Source-Other	Jaime Ricci	Kleinfelder	02/15/2006 14:23	02/15/2006 17:00 ct	2006-02-18 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-4	---	---	SM 9221B	MPN/100ml	>23.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-4 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
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FAX: (559) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631431

Enclosed are the results of dioxin analysis for your sample received February 15, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

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CA ELAP Certification No. 1563

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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180118
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631431-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180118

General Comments

As discussed on February 20, 2006, this sample was received at 0° C but the samples did not appear to be frozen.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180118

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP01	001	MW-4	02/15/06	14:23

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180118

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 63143 1 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s)

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-4	2/15/06	1423	G	GW			2

RECEIVED IN GOOD CONDITION UNDER COC FEB 17 2006

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Carover	2/16/06	1700	[signature]	2-17-06	1400			

STL Sacramento (916) 373 - 5600

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FAX: (559) 734-8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37267

LOT# (QUANTIMS ID) G6B180118 QUOTE# 30647 LOCATION W138

	Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915	AT	2-17-06

DELIVERED BY ☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A

CUSTODY SEAL #(S) _____

SHIPPPING CONTAINER(S) ☐ STL ☑ CLIENT ☐ N/A

TEMPERTURE RECORD (IN °C) IR 1 ☑ 3 ☐ ☐ OTHER _____

COC #(S) NA

TEMPERATURE BLANK Observed: NA Corrected: _____

SAMPLE TEMPERATURE

Observed: 0 0 0 Average: 0 Corrected Average: 0

COLLECTOR'S NAME: ☐ Verified from COC ☑ Not on COC

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A 2-18-06

LABELED BY.....

LABELS CHECKED BY.....

PEER REVIEW _____ ☑ NA

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING

WETCHEM ☑ N/A

VOA-ENCORES ☑ N/A

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A

☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A

☑ Clouseau ☑ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A

☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☑ PM NOTIFIED

Notes: _____

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

G6B180118 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180118

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-4

Trace Level Organic Compounds

Lot-Sample #...: G6B180118-001 **Work Order #...:** HXP011AA **Matrix.....:** WATER
Date Sampled...: 02/15/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	126	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180118

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180118 **Work Order #...:** HXT2H1AA **Matrix.....:** WATER
MB Lot-Sample #: G6B210000-391

Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 **Prep Batch #...:** 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180118 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180118 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Klein Felder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631431 **3-2703**

Method of Sampling: Composite(C) Grab(G)
SEE REVERSE SIDE
Type of Sample
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - ~~Colilert P/A~~ LTB-MTF 120ml(PBa)-Na2S2O3	General Mineral	pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/15/06	1423	G	LBW			2	2	1												
1	MW-4	2/15/06	1423	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1	

Remarks: **Multiple Chains**
HNO_3 Field Filtered
1 of 2 10⁰⁰ Sub Freight

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/15/06	1625	DR	2/15/06	1700	Allen	2/16/06	1000
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
DR	2/15/06	1625	CAlover	2/15/06	1700	[illegible]	2/16/06	1000

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 3-2703

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/15/06	1423	G	LBW					
1	MW-4	2/15/06	1423	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/15/06	1625	Dr	2/15/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
[illegible]	2/15/06	1625	CALovey	2/15/06	1700			

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2500 Sta[redacted]h Road
Stockton, [redacted]215

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TEL[redacted] 734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): _____

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 2 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? ~~Yes~~ No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) ~~Yes~~ No
4. Were sample custody seals intact? ~~N/A~~ Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ~~Yes~~ No
2. Did bottle labels correspond with the client's ID's? ~~Yes~~ No
3. Were all bottles requiring sample preservation properly preserved? ~~Yes~~ No N/A FGL
4. Were all analyses within holding times at time of receipt? ~~Yes~~ No
5. Have rush or project due dates been checked and accepted? ~~N/A~~ Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): _____

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:_____
   Problem:

   Resolution:

Attach label with lab number here

ANALYTICAL CHEMISTS

March 14, 2006

Lab ID : STK631432
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 39 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (8 Pages) : Results for each sample submitted.
Quality Control (26 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
MW-6	02/15/2006	02/15/2006	STK631432-01	GW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	03/01/2006:C203 All preparation quality controls are within established criteria, except: The following note applies to Calcium, Magnesium, Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Potassium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/01/2006:B - I_207 All analysis quality controls are within established criteria.
200.8	02/17/2006:B204 All preparation quality controls are within established criteria, except: The following note applies to Aluminum, Barium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery. The following note applies to Arsenic, Cadmium, Selenium:

Table continued on next page...

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FAX: (559) 734-8435
Mobile: (559) 737-2399

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

200.8	02/17/2006:B204 Continued... 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/17/2006:A - IX202 All analysis quality controls are within established criteria.
245.1	02/17/2006:A - HG201 All analysis quality controls are within established criteria.
7470/1A	02/16/2006:B212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/16/2006:A208 All preparation quality controls are within established criteria.
	02/16/2006:D - EL All analysis quality controls are within established criteria.
2130B	02/16/2006:A245 All preparation quality controls are within established criteria.
2150B	02/16/2006:A222 All preparation quality controls are within established criteria.
2320B	02/22/2006:A202 All preparation quality controls are within established criteria.
	02/22/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/17/2006:A212 All preparation quality controls are within established criteria.
	02/17/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/17/2006:A235 All preparation quality controls are within established criteria.
300.0	02/16/2006:A215 All preparation quality controls are within established criteria.
	02/16/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 220 The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
4500-H B	02/15/2006:S346 All preparation quality controls are within established criteria.
	02/15/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	02/28/2006:A210 All preparation quality controls are within established criteria.
	03/01/2006:B - UV203 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631432
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Wet Chemistry QC

5540C	02/16/2006:A218 All preparation quality controls are within established criteria.
	02/16/2006:A - JBD All analysis quality controls are within established criteria.

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Prometryn, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Triphenylphosphate: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631432
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP219 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-6
Project : Mariposa Lake

Lab ID : STK631432-01
Customer ID : 3-2703

Sampled On : February 15, 2006-12:22
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.5	--	units		4500-H B	02/15/06:S346	4500-H B	02/15/2006:S00 17:12
General Mineral P:1,4								
Total Hardness	269	2.5	mg/L		Calculation		Calculation	
Calcium	60	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Magnesium	29	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Potassium	6	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B0
Sodium	38	1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Total Cations	7.2	--	meq/L		Calculation		Calculation	
Boron	0.1	0.1	mg/L		200.7	03/01/06:C203	200.7	03/01/2006:B05
Copper	ND	10	ug/L	1000[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Iron	120	50	ug/L	300[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Manganese	ND	10	ug/L	50[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Zinc	ND	20	ug/L	5000[2]	200.7	03/01/06:C203	200.7	03/01/2006:B05
Total Alkalinity (as CaCO3)	270	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Carbonate	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Bicarbonate	330	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Sulfate	20	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Chloride	40	1	mg/L	500[2]	300.0	02/16/06:A215	300.0	02/16/2006:A00
Nitrate	11.9	0.4	mg/L	45	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 19:22
Nitrite as N	0.12	0.1	mg/L	1	300.0	02/16/06:A215 12:00	300.0	02/16/2006:A00 19:22
Fluoride	0.2	0.1	mg/L	2	300.0	02/16/06:A215	300.0	02/16/2006:A00
Total Anions	7.2	--	meq/L		Calculation		Calculation	
Specific Conductance	675	1	umhos/cm	1600[2]	2510B	02/17/06:A212	2510B	02/17/2006:A01
Total Dissolved Solids	430	40	mg/L	1000[2]	2540C	02/17/06:A235	2540 C,E	02/20/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/16/06:A218 15:16	5540C	02/16/2006:A00 16:50
Aggressiveness Index	12.1	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.2	1.0	mg/L		Calculation		Calculation	

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631432-01
Customer ID: 3-2703
Description : MW-6

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total P:1,5								
Aluminum	140	10	ug/L	1000[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/17/06:B204	200.8	02/17/2006:A00
Arsenic	4	2	ug/L	10	200.8	02/17/06:B204	200.8	02/17/2006:A00
Barium	86.3	0.2	ug/L	1000	200.8	02/17/06:B204	200.8	02/17/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/17/06:B204	200.8	02/17/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/17/06:B204	200.8	02/17/2006:A00
Chromium	2	1	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A00
Lead	ND	0.2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Mercury	ND	0.2	ug/L	2	7470/1A	02/16/06:B212	245.1	02/17/2006:A03
Nickel	2	1	ug/L	100	200.8	02/17/06:B204	200.8	02/17/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/17/06:B204	200.8	02/17/2006:A00
Silver	ND	1	ug/L	100[2]	200.8	02/17/06:B204	200.8	02/17/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/17/06:B204	200.8	02/17/2006:A00
Vanadium	22	2	ug/L		200.8	02/17/06:B204	200.8	02/17/2006:A00
Wet Chemistry P:1,10								
Color	5	5	units	15[2]	2120C	02/16/06:A208 17:22	2120C	02/16/2006:D00 17:33
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	02/28/06:A210	4500CNCE	03/01/2006:B00
Odor	ND	1	TON	3[2]	2150B	02/16/06:A222 17:23	2150B	02/16/2006:C00 17:29
Turbidity	4170	0.2	NTU	5[2]	2130B	02/16/06:A245 14:21	2130B	02/16/2006:A00 17:29

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximum Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-6
Project : Mariposa Lake

Lab ID : STK631432-01
Customer ID : 3-2703

Sampled On : February 15, 2006-12:22
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	115	70-130	% Rec		504.1	02/18/06:A203	02/18/2006:A02
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/18/2006:A02
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/18/2006:A02
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

Table continued next page...

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631432-01
Customer ID: 3-2703
Description : MW-6

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	82.6	70-130	% Rec		507	02/20/06:A205	02/24/2006:A02
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A02
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A02
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A02
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A02
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A02
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	114	70-130	% Rec		515.3	02/22/06:A241	03/03/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/03/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/03/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/03/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/03/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/03/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	73.5	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	74.4	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631432-01
Customer ID: 3-2703
Description : MW-6

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A[illegible]
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631432-01
Customer ID: 3-2703
Description : MW-6

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	84.8	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A01
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A01
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A01
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A01
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A01

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631432-01
Customer ID: 3-2703
Description : MW-6

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/24/2006:A02
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A04
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	03/01/2006:A04
EPA 632 AGT:1 Diuron	0.2	0.1	ug/L		632	02/17/06:A226	03/02/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-6
Project : Mariposa Lake

Lab ID : STK631432-01
Customer ID : 3-2703

Sampled On : February 15, 2006-12:22
Sampled By : Jaime Ricci
Received : February 15, 2006-16:25 Stockton
Received : February 16, 2006-10:00
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	2.91 ± 1.25	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	3.67 ± 0.900	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

Corporate Offices & Laboratory
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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	-328% -276% 0.9%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 95.5% 95.2%	<10 <10 90-110 90-110	
Antimony	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	97.0% 95.8% 0.063	75-125 75-125 ≤1.00	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.0% 91.7%	<1 <1 90-110 90-110	
Arsenic	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	128% 130% 0.092	75-125 75-125 ≤2.00	435 435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 101%	<2 <2 90-110 90-110	
Barium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	25.0% 21.0% 0.3%	< ¼ < ¼ ≤20	408 408
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.5% 101%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	111% 114% 2.4%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 95.8%	<0.2 <0.2 90-110 90-110	
Boron	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	115% 124% 6.5%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 5.000 5.000	0.01 102% 0.008 103%	<N/A 90-110 <N/A 90-110	
Cadmium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Cadmium	200.8	02/17/2006:B204	MSD MSRPD	ug/L ug/L	5.000	131% 0.2%	75-125 ≤20	435
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 106% 104%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	65.6% 187% 6.2%	< ¼ < ¼ ≤20.0	408 408
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 25.00 25.00	ND 101% ND 103%	<1 90-110 <1 90-110	
Chromium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	107% 106% 0.7%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 98.9%	<1 <1 90-110 90-110	
Copper	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	116% 124% 6.4%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 1.000 1.000	ND 101% ND 103%	<0.05 90-110 <0.05 90-110	
Iron	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	113% 121% 6.8%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 5.000 5.000	0.0009 102% 0.006 102%	<N/A 90-110 <N/A 90-110	
Lead	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	120% 120% 0.1%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 97.3%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	03/01/2006:C203	MS	mg/L	12.50	88.0%	< ¼	408

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Magnesium	200.7	03/01/2006:C203	MSD	mg/L	12.50	175%	< ¼	408
			MSRPD	mg/L		6.3%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	101%	90-110	
			05-CCB	ppm		ND	<1	
			05-CCV	ppm	25.00	102%	90-110	
Manganese	200.7	03/01/2006:C203	MS	ug/L	800.0	113%	75-125	
		(SP 601298-01)	MSD	ug/L	800.0	122%	75-125	
			MSRPD	ug/L		6.6%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<0.03	
			04-CCV	ppm	1.000	102%	90-110	
			05-CCB	ppm		ND	<0.03	
			05-CCV	ppm	1.000	103%	90-110	
Mercury	7470/1A	02/16/2006:B212	Blank	ug/L		ND	<0.2	
			LCS	ug/L	2.000	103%	85-115	
			MS	ug/L	2.000	102%	75-125	
		(SP 601466-01)	MSD	ug/L	2.000	102%	75-125	
			MSRPD	ug/L		0.5%	≤20	
	245.1	02/17/2006:A	02-CCB	ug/L		ND	<0.2	
			02-CCV	ug/L	5.000	99.4%	90-110	
			03-CCB	ug/L		ND	<0.2	
			03-CCV	ug/L	5.000	97.6%	90-110	
Nickel	200.8	02/17/2006:B204	MS	ug/L	5.000	117%	75-125	
		(SP 601630-01)	MSD	ug/L	5.000	119%	75-125	
			MSRPD	ug/L		1.4%	≤20	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	95.1%	90-110	
Potassium	200.7	03/01/2006:C203	MS	mg/L	12.50	117%	75-125	
		(SP 601298-01)	MSD	mg/L	12.50	135%	75-125	435
			MSRPD	mg/L		6.1%	≤20.0	
	200.7	03/01/2006:B	04-CCB	ppm		ND	<1	
			04-CCV	ppm	25.00	105%	90-110	
			05-CCB	ppm		ND	<1	
			05-CCV	ppm	25.00	106%	90-110	
Selenium	200.8	02/17/2006:B204	MS	ug/L	5.000	130%	75-125	435
		(SP 601630-01)	MSD	ug/L	5.000	131%	75-125	435
			MSRPD	ug/L		0.084	≤2.00	
	200.8	02/17/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	105%	90-110	
			00-CCV	ppb	100.0	102%	90-110	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Silver	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	99.0% 97.3% 0.084	75-125 75-125 ≤1.00	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.4% 99.9%	<1 <1 90-110 90-110	
Sodium	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	44.0% 172% 2.5%	< ¼ < ¼ ≤20.0	408 408
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 25.00 25.00	ND 103% ND 104%	<1 90-110 <1 90-110	
Thallium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	123% 123% 0.0%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.8% 99.2%	<0.2 <0.2 90-110 90-110	
Vanadium	200.8	02/17/2006:B204 (SP 601630-01)	MS MSD MSRPD	ug/L ug/L ug/L	5.000 5.000	103% 102% 0.5%	75-125 75-125 ≤20	
	200.8	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 104% 99.2%	<2 <2 90-110 90-110	
Zinc	200.7	03/01/2006:C203 (SP 601298-01)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	118% 119% 1.2%	75-125 75-125 ≤20.0	
	200.7	03/01/2006:B	04-CCB 04-CCV 05-CCB 05-CCV	ppm ppm ppm ppm	 1.000 1.000	ND 100% ND 101%	<0.05 90-110 <0.05 90-110	
Wet Chem								
Bicarbonate	2320B	02/22/2006:A202	Dup	mg/L		0.2%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	
Chloride	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL	mg/L mg/L mg/L mg/L	25.00 500.0 500.0 0.5000	97.4% 105% 103% 84.0%	90-110 93-110 93-110 50-150	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chloride	300.0	02/16/2006:A215	MSRPD	mg/L		1.8%	≤3.02	
			QAMDL	mg/L	0.5000	0.078	1	
	300.0	02/16/2006:A	00-ICB	ppm		25.30	<1	
			00-CCB	ppm		25.60	<1	220
			00-ICV	ppm	50.00	102%	90-110	
			00-CCV	ppm	25.00	102%	90-110	
Color	2120C	02/16/2006:A208	Dup	units		0.00	5.0	
	2120C	02/16/2006:D	00-CCB	units		ND	<5	
Cyanide, Total	4500CNCE	02/28/2006:A210	Blank	mg/L		ND	<0.005	
			LCS	mg/L	0.1000	93.0%	90-110	
			MS	mg/L	0.05000	70.0%	10-155	
		(STK631432-01)	MSD	mg/L	0.05000	70.9%	10-155	
			MSRPD	mg/L		1.3%	≤48.7	
Cyanide	4500CNCE	03/01/2006:B	00-CCB	mg/L		ND	<0.01	
			00-CCV	mg/L	0.1000	96.7%	90-110	
Fluoride	300.0	02/16/2006:A215	LCS	mg/L	2.500	92.0%	90-110	
			MS	mg/L	50.00	94.2%	90-109	
		(SP 601568-02)	MSD	mg/L	50.00	92.9%	90-109	
			MDL	mg/L	0.05000	178%	50-150	
			MSRPD	mg/L		1.3%	≤4.56	
			QAMDL	mg/L	0.05000	0.014	0.1	
	300.0	02/16/2006:A	00-ICB	ppm		2.347	<0.1	
			00-CCB	ppm		2.352	<0.1	220
			00-ICV	ppm	5.000	92.9%	90-110	
			00-CCV	ppm	2.500	93.8%	90-110	
Hydroxide	2320B	02/22/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/16/2006:A218	MS	mg/L	0.1000	100%	90-110	
		(STK631392-02)	MSD	mg/L	0.1000	100%	90-110	
			MSRPD	mg/L		0.00	≤0.100	
	5540C	02/16/2006:A	00-CCB	mg/L		ND	<0.1	
			00-CCV	mg/L	0.1000	100%	99-101	
Nitrate	300.0	02/16/2006:A215	LCS	mg/L	20.00	97.6%	90-110	
			MS	mg/L	400.0	102%	94-111	
		(SP 601568-02)	MSD	mg/L	400.0	100%	94-111	
			MDL	mg/L	0.4000	88.4%	50-150	
			MSRPD	mg/L		1.8%	≤2.71	
			QAMDL	mg/L	0.4000	0.039	0.4	
	300.0	02/16/2006:A	00-ICB	ppm		19.98	<0.4	
			00-CCB	ppm		19.97	<0.4	220
			00-ICV	ppm	40.00	95.3%	90-110	
			00-CCV	ppm	20.00	100%	90-110	
Nitrite	300.0	02/16/2006:A215	LCS	mg/L	15.00	98.4%	90-110	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/16/2006:A215 (SP 601568-02)	MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L	300.0 300.0 0.3000 0.3000	104% 102% 87.4% 2.0% 0.038	94-109 94-109 50-150 ≤2.61 0.3	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	15.28 15.44 101% 103%	<0.3 <0.3 90-110 90-110	220
Odor	2150B	02/16/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/15/2006:S346	Dup	units		0.2%	4.80	
	4500-H B	02/15/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/17/2006:A212	Blank Dup	umhos/cm umhos/cm		ND 0.0%	<1 0.743	
	2510B	02/17/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 100% 99.2%	<1 95-105 95-105	
Sulfate	300.0	02/16/2006:A215 (SP 601568-02)	LCS MS MSD MDL MSRPD QAMDL	mg/L mg/L mg/L mg/L mg/L mg/L	50.00 1000 1000 1.000 1.000	97.8% 102% 100% 112% 2.0% 0.37	90-110 96-113 96-113 50-150 ≤2.29 1	
	300.0	02/16/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	50.48 51.26 100% 102%	<1 <1 90-110 90-110	220
Total Alkalinity (as CaCO3)	2320B	02/22/2006:A202	Dup	mg/L		0.2%	9.03	
	2320B	02/22/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.3% 93.3%	90-110 90-110	
Total Dissolved Solids	2540C	02/17/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000 	ND 96.3% 4.3%	<40 90-110 10.0	
Turbidity	2130B	02/16/2006:A245	Dup	NTU		0.3%	3.23	

Explanations and definitions are continued on next page...

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Quality Control - Inorganic

Explanations

220	The absolute value of the CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.
408	Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435	Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	: Method Detection Level
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	: Non-detect - Result was below the DQO listed for the analyte.
< ¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	128%	70-130	
			02-CCV	ug/L	10.00	138%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	01-CCV	ug/L	9.975	137%	70-130	565
			02-CCV	ug/L	9.975	148%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	111%	70-130	
			02-CCV	ug/L	10.00	115%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	117% 110%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 115%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	121% 121%	80-120 80-120	360 360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	01-CCV	ug/L	500.0	118%	80-120	
			02-CCV	ug/L	1000	114%	80-120	
Diazinon	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	144%	70-130	310
			BS	ug/L	2.500	147%	52-199	
			BSD	ug/L	2.500	136%	52-199	
			BSRPD	ug/L		0.27	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	107%	80-120	
			02-CCV	ug/L	1000	106%	80-120	
Dimethoate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	155%	70-130	310
			BS	ug/L	2.500	165%	68-206	
			BSD	ug/L	2.500	151%	68-206	
			BSRPD	ug/L		0.36	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	114%	80-120	
			02-CCV	ug/L	1000	114%	80-120	
Metolachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	153%	70-130	310
			BS	ug/L	2.500	152%	69-215	
			BSD	ug/L	2.500	136%	69-215	
			BSRPD	ug/L		0.40	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	118%	80-120	
			02-CCV	ug/L	1000	117%	80-120	
Metribuzin	507	02/20/2006:A205	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	149%	70-130	310
			BS	ug/L	2.500	157%	67-232	
			BSD	ug/L	2.500	135%	67-232	
			BSRPD	ug/L		14.2%	≤40.9	
	507	02/23/2006:A	01-CCV	ug/L	500.0	114%	80-120	
			02-CCV	ug/L	1000	120%	80-120	
Molinate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	167%	70-130	310
			BS	ug/L	2.500	167%	62-239	
			BSD	ug/L	2.500	169%	62-239	
			BSRPD	ug/L		0.057	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	115%	80-120	
Prometryn	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	152%	70-130	310
			BS	ug/L	2.500	155%	76-204	
			BSD	ug/L	2.500	146%	76-204	
			BSRPD	ug/L		0.22	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	121%	80-120	360

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Prometryn	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	< 1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	117%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	< 1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	< 1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	131%	80-120	360
			02-CCV	ug/L	1000	125%	80-120	360
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	01-CCV	ug/L	2500	121%	80-120	565
			02-CCV	ug/L	7500	113%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	93.4%	53-144	
			BSD	ug/L	10.00	90.4%	53-144	
			BSRPD	ug/L		3.2%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	112%	42-165	
			BSD	ug/L	50.00	106%	42-165	
			BSRPD	ug/L		5.7%	≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	72-117	426
			BSD	ug/L	10.00	123%	72-117	426
			BSRPD	ug/L		9.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	129%	63-118	426
			BSD	ug/L	10.00	115%	63-118	
			BSRPD	ug/L		11.1%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	132%	54-129	426
			BSD	ug/L	10.00	120%	54-129	
			BSRPD	ug/L		9.8%	≤18.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	145%	51-158	
			BSD	ug/L	10.00	130%	51-158	
			BSRPD	ug/L		11.1%	≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		10.4%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	111%	58-131	
			BSD	ug/L	10.00	105%	58-131	
			BSRPD	ug/L		5.4%	≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	125%	74-137	
			BSD	ug/L	10.00	119%	74-137	
			BSRPD	ug/L		4.3%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	139%	35-131	426
			BSD	ug/L	10.00	121%	35-131	
			BSRPD	ug/L		13.5%	≤23.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	67-126	
			BSD	ug/L	10.00	112%	67-126	
			BSRPD	ug/L		12.0%	≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	126%	68-124	426
			BSD	ug/L	10.00	117%	68-124	
			BSRPD	ug/L		7.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank	ug/L		ND	<3	
			BS	ug/L	10.00	110%	52-128	
			BSD	ug/L	10.00	108%	52-128	
			BSRPD	ug/L		0.22	≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	59-139	
			BSD	ug/L	10.00	117%	59-139	
			BSRPD	ug/L		10.8%	≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	114%	79-155	
			BSD	ug/L	10.00	114%	79-155	
			BSRPD	ug/L		0.6%	≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	59-147	
			BSD	ug/L	10.00	121%	59-147	
			BSRPD	ug/L		10.4%	≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	107% 98.0% 8.8%	47-124 47-124 ≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 118% 111% 5.9%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 99.0% 103% 91.8% 1.1	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	00-CCV 01-CCV	ug/L ug/L	10.00 20.00	99.1% 94.6%	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank LCS	ug/L ug/L	 20.00	ND 96.0%	<3 80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	00-CCV	ug/L	20.00	98.0%	80-120	
			01-CCV	ug/L	40.00	94.0%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	116%	80-120	
			01-CCV	ug/L	20.00	105%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	96.7%	80-120	
			01-CCV	ug/L	20.00	100%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	106%	80-120	
			01-CCV	ug/L	20.00	95.0%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	102%	80-120	
			01-CCV	ug/L	20.00	93.2%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	00-CCV	ug/L	10.00	108%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	01-CCV	ug/L	200.0	105%	80-120	
			02-CCV	ug/L	100.0	106%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	03-CCV	ug/L	1000	94.2%	70-130	
			04-CCV	ug/L	2500	102%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	03-CCV	ug/L	500.0	146%	80-120	360
			04-CCV	ug/L	1000	120%	80-120	
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Organic

Definitions

how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631432
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		0.080	.0772±.058	
			00-CCV	cpm	12450	41.2%	40.6±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.24	.289±.14	
			00-CCV	cpm	12450	88.3%	89.8±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631432:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631432-001	MW-6	Source-Other	Jaime Ricci	Kleinfelder	02/15/2006 12:22	02/15/2006 17:02 ct	2006-02-17 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-6	---	---	SM 9221B	MPN/100ml	>23.0 PRESENT	16.1 PRESENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-6 Total Coliform - Failure, Fecal Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, C[redacted]61-0272
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FAX: (805) 525[redacted]2

Office & Laboratory
2500 Stagecoach Road
Stockton, [redacted]5215
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FAX: (209[redacted]-0423

Field Office
Visalia, California
TEL: [redacted]9) 734-9473
Mo[redacted]59) 737-2399
FA[redacted]) 734-8435

ENVIRONMENTAL

ACCREDITED IN ACCORDANCE WITH nelac

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631432

Enclosed are the results of dioxin analysis for your sample received February 15, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
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CA ELAP Certification No. 1573

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CA ELAP Certification No. 1563

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Mobile: (559) 737-2399

SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180117
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631432-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180117

General Comments

As discussed on February 20, 2006, this sample was received at 0° C but the samples did not appear to be frozen.

There were no other anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180117

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP0Q	001	MW-6	02/15/06	12:22

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180117

ENVIRONMENTAL

Special Subcontract to STL Sacramento

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: Fruit Growers Laboratory, Inc.

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631432 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s)

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

Method of Sampling: Composite(C) Grab(G)

Type of Sample **SEE REVERSE SIDE**

Potable(P) Non-Potable(NP) Ag Water(AgW)

Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable	Bacti	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-6	2/15/06	1222	G	GW			2

RECEIVED IN GOOD CONDITION UNDER COC
FEB 17 2006
INIT.

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Dr.	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Calover	2/16/06	1700	Cly/Hfg	2-17-06	1400			

Corporate Offices & Laboratory
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FAX: (805)[redacted]172

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TEL: (209)[redacted]0182
FAX: (209)[redacted]0423

Field Office
Visalia, California
TEL: (559)734-9473
Mobile: [redacted]37-2399
FAX: (55[redacted]-8435

STL Sacramento (916) 373 - 5600

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT EGL PM KD LOG # 37266

LOT# (QUANTIMS ID) G6B180117 QUOTE# 30647 LOCATION W13B

	Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915	as	2-17-06

DELIVERED BY ☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A

CUSTODY SEAL #(S) _____

SHIPPPING CONTAINER(S) ☐ STL ☑ CLIENT ☐ N/A

TEMPERTURE RECORD (IN °C) IR 1 ☑ 3 ☐ ☐ OTHER _____

COC #(S) N/A

TEMPERATURE BLANK Observed: N/A Corrected: _____

SAMPLE TEMPERATURE

Observed: 0 0 0 Average: 0 Corrected Average: 0

COLLECTOR'S NAME: ☐ Verified from COC ☑ Not on COC

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A

LABELED BY..... 2-18-06

LABELS CHECKED BY.....

PEER REVIEW _____ ☑ NA

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING

WETCHEM ☑ N/A

VOA-ENCORES ☑ N/A

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A

☐ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☑ N/A

☑ Clouseau ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☐ N/A

☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☑ PM NOTIFIED

Notes: _____

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

G6B180117 LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180117

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-6

Trace Level Organic Compounds

Lot-Sample #...: G6B180117-001 Work Order #...: HXP0Q1AA Matrix.....: WATER
Date Sampled...: 02/15/06 Date Received..: 02/17/06
Prep Date.....: 02/21/06 Analysis Date..: 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	85	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180117

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180117 **Work Order #...:** HXT2H1AA **Matrix.....:** WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 **Prep Batch #...:** 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180117 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180117 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631432 **3-2703**

Method of Sampling: Composite(C) Grab(G)

Type of Sample **SEE REVERSE SIDE**

Potable(P) Non-Potable(NP) Ag Water(AgW)

Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - ~~Colifert PA~~ LTB-MTF 120ml(PBa)-Na2S2O3	General Mineral	pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/15/06	1222	G	LBW			2	2	1												
1	MW-6	2/15/06	1222	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1	

Remarks: **Multiple Chains**

HNO_3 Field filtered

1 of 2 10⁰⁰ Sub Freight

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/15/06	1625	Dr	2/15/06	1700	CMM	2/16/06	1000
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Dr	2/15/06	1625	Calover	2/15/06	1700	VMK	2/16/06	1000

Corporate Offi[redacted] & Laboratory
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Santa Paula, C[redacted]61-0272

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FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 3-2703

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/15/06	1222	G	LBW					
1	MW-6	2/15/06	1222	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/15/06	~~1600~~ 1625	Dr	2/15/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Dr	2/15/06	1625	Calover	2/15/06	1700			

Corporate Offices & Laboratory
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TEL: (805) 392-2000

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Stockton, CA 95215
TEL: (209) 942-0182

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: ROI
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): _____

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 2 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): _____

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631432
IV-02/16/2006-09:17:40

March 14, 2006

Lab ID : STK631474
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 39 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (9 Pages) : Results for each sample submitted.
Quality Control (25 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
Travel Blank	02/16/2006	02/16/2006	STK631474-00	LBW
MW-7	02/16/2006	02/16/2006	STK631474-01	GW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/21/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
	02/21/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/20/2006:A - IX202 All analysis quality controls are within established criteria.
	02/21/2006:A - IX202 All analysis quality controls are within established criteria, except: The following note applies to Barium, Lead, Thallium: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.

Table continued on next page...

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
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FAX: (805) 525-4172
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TEL: (209) 942-0181
FAX: (209) 942-0423
CA ELAP Certification No. 1563

Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

March 14, 2006

Lab ID : STK631474
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

245.1	02/20/2006:A - HG202 All analysis quality controls are within established criteria.
7470A	02/20/2006:A212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/17/2006:A208 All preparation quality controls are within established criteria.
	02/17/2006:C - CHL All analysis quality controls are within established criteria.
2130B	02/17/2006:A245 All preparation quality controls are within established criteria.
	02/17/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/17/2006:A222 All preparation quality controls are within established criteria.
2320B	02/22/2006:A202 All preparation quality controls are within established criteria.
	02/22/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/20/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/20/2006:A235 All preparation quality controls are within established criteria.
300.0	02/17/2006:A215 All preparation quality controls are within established criteria.
	02/17/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.
4500-H B	02/16/2006:S346 All preparation quality controls are within established criteria.
	02/16/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	03/02/2006:A210 All preparation quality controls are within established criteria, except: The following note applies to Cyanide, Total: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/06/2006:A - UV203 All analysis quality controls are within established criteria.
5540C	02/17/2006:A218 All preparation quality controls are within established criteria.
	02/17/2006:A - EL All analysis quality controls are within established criteria.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Prometryn, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Triphenylphosphate: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	03/02/2006:A - GC216 Continued... 03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.

Table continued on next page...

March 14, 2006

Lab ID : STK631474
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.
504.1	All surrogate quality controls are within established criteria, except: STK63147401 for 1,3-Dibromopropane 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP218 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : Travel Blank
Project : Mariposa Lake

Lab ID : STK631474-00
Customer ID : 3-2703

Sampled On : February 16, 2006-16:17
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Lab. Blank Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	122	70-130	% Rec		504.1	02/18/06:A203	02/19/2006:A02
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/19/2006:A02
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/19/2006:A02
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	84.1	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap Preservatives: (1) Cool 4°C

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March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-7
Project : Mariposa Lake

Lab ID : STK631474-01
Customer ID: 3-2703

Sampled On : February 16, 2006-16:17
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.4	--	units		4500-H B	02/16/06:S346	4500-H B	02/16/2006:S00 17:00
General Mineral P:1,4								
Total Hardness	190	2.5	mg/L		Calculation		Calculation	
Calcium	40	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Magnesium	22	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Potassium	8	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Sodium	81	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Total Cations	7.5	--	meq/L		Calculation		Calculation	
Boron	0.2	0.1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Iron	320	50	ug/L	300[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Manganese	20	10	ug/L	50[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Total Alkalinity (as CaCO3)	180	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Carbonate	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Bicarbonate	210	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Sulfate	23	1	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Chloride	96	1	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Nitrate	36.8	0.4	mg/L	45	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 21:05
Nitrite as N	0.38	0.1	mg/L	1	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 21:05
Fluoride	0.1	0.1	mg/L	2	300.0	02/17/06:A215	300.0	02/17/2006:A00
Total Anions	7.3	--	meq/L		Calculation		Calculation	

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631474-01
Customer ID: 3-2703
Description : MW-7

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
Specific Conductance	737	1	umhos/cm	1600[2]	2510B	02/20/06:A212	2510B	02/20/2006:A01
Total Dissolved Solids	490	40	mg/L	1000[2]	2540C	02/20/06:A235	2540 C,E	02/21/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/17/06:A218 16:57	5540C	02/17/2006:A00 17:07
Aggressiveness Index	11.7	1.0	mg/L		Calculation		Calculation	
Langlier Index	-0.2	1.0	mg/L		Calculation		Calculation	
Metals, Total P:1,5								
Aluminum	150	10	ug/L	1000[2]	200.8	02/20/06:A204	200.8	02/20/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/20/06:A204	200.8	02/21/2006:A00
Arsenic	5	2	ug/L	10	200.8	02/20/06:A204	200.8	02/20/2006:A00
Barium	76.1	0.2	ug/L	1000	200.8	02/20/06:A204	200.8	02/21/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/20/06:A204	200.8	02/21/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/20/06:A204	200.8	02/21/2006:A00
Chromium	3	1	ug/L	50	200.8	02/20/06:A204	200.8	02/21/2006:A00
Lead	ND	0.2	ug/L		200.8	02/20/06:A204	200.8	02/21/2006:A00
Mercury	0.02	0.02	ug/L	2	7470A	02/20/06:A212	245.1	02/20/2006:A00
Nickel	1	1	ug/L	100	200.8	02/20/06:A204	200.8	02/21/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/20/06:A204	200.8	02/21/2006:A
Silver	ND	1	ug/L	100[2]	200.8	02/20/06:A204	200.8	02/21/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/20/06:A204	200.8	02/21/2006:A00
Vanadium	23	2	ug/L		200.8	02/20/06:A204	200.8	02/20/2006:A00
Wet Chemistry P:1,10								
Color	ND	5	units	15[2]	2120C	02/17/06:A208 17:19	2120C	02/17/2006:C00 17:53
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	03/02/06:A210	4500CNCE	03/06/2006:A00
Odor	ND	1	TON	3[2]	2150B	02/17/06:A222 17:20	2150B	02/17/2006:D00 18:01
Turbidity	33.0	0.2	NTU	5[2]	2130B	02/17/06:A245 17:18	2130B	02/17/2006:A00 17:36

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximum Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-7
Project : Mariposa Lake

Lab ID : STK631474-01
Customer ID: 3-2703

Sampled On : February 16, 2006-16:17
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	143	70-130	% Rec	560*	504.1	02/18/06:A203	02/19/2006:A02
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/19/2006:A02
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/19/2006:A02
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	83.8	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631474-01
Customer ID: 3-2703
Description : MW-7

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 505 VOA:1							
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	81.5	70-130	% Rec		507	02/20/06:A205	02/24/2006:A02
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A02
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A02
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A02
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A02
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A02
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A[illegible]
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A02
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A02
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	126	70-130	% Rec		515.3	02/22/06:A241	03/03/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/03/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/03/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/03/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/03/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/03/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631474-01
Customer ID: 3-2703
Description : MW-7

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	74.5	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	77.8	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631474-01
Customer ID: 3-2703
Description : MW-7

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A02
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631474-01
Customer ID: 3-2703
Description : MW-7

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/24/2006:A02
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A03
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	02/28/2006:A03
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/02/2006:A01

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-7
Project : Mariposa Lake

Lab ID : STK631474-01
Customer ID: 3-2703

Sampled On : February 16, 2006-16:17
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	2.84 ± 1.40	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	5.24 ± 0.999	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 94.7% 98.2%	<10 <10 90-110 90-110	
Antimony	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 108% 104%	<1 <1 90-110 90-110	
Arsenic	200.8	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.7% 100%	<2 <2 90-110 90-110	
Barium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.1% 102%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8		00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 92.8% 99.5%	<0.2 <0.2 90-110 90-110	
Boron	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	102% 118% 14.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.004 0.009 100% 105%	<N/A <N/A 95-105 90-110	
Cadmium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 102%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	101% 114% 12.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 101% 105%	<1 <1 95-105 90-110	
Chromium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.3% 98.3%	<1 <1 90-110 90-110	
Copper	200.7	02/21/2006:A203	MS	ug/L	800.0	104%	75-125	

Report continued on next page...

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Copper	200.7	02/21/2006:A203	MSD MSRPD	ug/L ug/L	800.0	120% 13.1%	75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 100% 105%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	102% 117% 13.4%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.006 0.02 101% 105%	<N/A <N/A 95-105 90-110	
Lead	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.8% 99.4%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	98.6% 113% 13.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 99.9% 104%	<1 <1 95-105 90-110	
Manganese	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	101% 117% 14.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 100% 104%	<0.03 <0.03 95-105 90-110	
Mercury	7470A	02/20/2006:A212 (SP 601622-01)	Blank LCS MS MSD MDL MSRPD QAMDL	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	 0.2000 0.2000 0.2000 5.000 5.000	ND 98.5% 89.4% 82.0% -0.3% 6.5% 0.0089	<0.02 85-115 75-125 75-125 50-150 ≤20 0.02	
	245.1	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	PPT PPT PPT PPT	 200.0 200.0	ND ND 106% 104%	<20 <20 90-110 90-110	
Nickel	200.8	02/21/2006:A	00-ICB	ppb		ND	<1	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Nickel	200.8	02/21/2006:A	00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	97.9%	90-110	
			00-CCV	ppb	100.0	96.8%	90-110	
Potassium	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	12.50	101%	75-125	
			MSD	mg/L	12.50	116%	75-125	
			MSRPD	mg/L		11.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	100%	95-105	
			00-CCV	ppm	25.00	104%	90-110	
Selenium	200.8	02/21/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	101%	90-110	
Silver	200.8		00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	100%	90-110	
			00-CCV	ppb	100.0	98.8%	90-110	
Sodium	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	12.50	-12.0%	< ¼	408
			MSD	mg/L	12.50	15.2%	< ¼	408
			MSRPD	mg/L		1.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	102%	95-105	
			00-CCV	ppm	25.00	107%	90-110	
Thallium	200.8	02/21/2006:A	00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	91.2%	90-110	
			00-CCV	ppb	100.0	97.4%	90-110	
Vanadium	200.8	02/20/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	97.8%	90-110	
			00-CCV	ppb	100.0	99.6%	90-110	
Zinc	200.7	02/21/2006:A203 (SP 601666-01)	MS	ug/L	2000	103%	75-125	
			MSD	ug/L	2000	122%	75-125	
			MSRPD	ug/L		16.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	99.8%	95-105	
			00-CCV	ppm	1.000	102%	90-110	
Wet Chem								
Bicarbonate	2320B	02/22/2006:A202	Dup	mg/L		0.2%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chloride	300.0	02/17/2006:A215	LCS	mg/L	25.00	97.7%	90-110	
			MS	mg/L	500.0	104%	93-110	
		(STK631476-01)	MSD	mg/L	500.0	104%	93-110	
			MSRPD	mg/L		0.0%	≤3.02	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	50.00	103%	90-110	
			00-CCV	ppm	25.00	100%	90-110	
Color	2120C	02/17/2006:A208	Dup	units		0.00	5.0	
	2120C	02/17/2006:C	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	
Cyanide, Total	4500CNCE	03/02/2006:A210	Blank	mg/L		ND	<0.005	
			LCS	mg/L	0.1000	92.0%	90-110	
			MS	mg/L	0.05000	-0.9%	10-155	435
		(SP 601676-01)	MSD	mg/L	0.05000	0.0%	10-155	435
			MSRPD	mg/L		0.00047	≤0.00500	
Cyanide	4500CNCE	03/06/2006:A	00-CCB	mg/L		ND	<0.01	
			00-CCV	mg/L	0.1000	98.5%	90-110	
Fluoride	300.0	02/17/2006:A215	LCS	mg/L	2.500	90.0%	90-110	
			MS	mg/L	50.00	94.4%	90-109	
		(STK631476-01)	MSD	mg/L	50.00	94.3%	90-109	
			MSRPD	mg/L		0.1%	≤4.56	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<0.1	
			00-CCB	ppm		ND	<0.1	
			00-ICV	ppm	5.000	93.8%	90-110	
			00-CCV	ppm	2.500	90.7%	90-110	
Hydroxide	2320B	02/22/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/17/2006:A218	MS	mg/L	0.1000	100%	90-110	
		(SP 601666-01)	MSD	mg/L	0.1000	100%	90-110	
			MSRPD	mg/L		0.00	≤0.100	
	5540C	02/17/2006:A	00-CCB	mg/L		ND	<0.1	
			00-CCV	mg/L	0.1000	100%	99-101	
Nitrate	300.0	02/17/2006:A215	LCS	mg/L	20.00	98.1%	90-110	
			MS	mg/L	400.0	105%	94-111	
		(STK631476-01)	MSD	mg/L	400.0	105%	94-111	
			MSRPD	mg/L		0.2%	≤2.71	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<0.4	
			00-CCB	ppm		ND	<0.4	
			00-ICV	ppm	40.00	104%	90-110	
			00-CCV	ppm	20.00	100%	90-110	
Nitrite	300.0	02/17/2006:A215	LCS	mg/L	15.00	98.2%	90-110	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/17/2006:A215 (STK631476-01)	MS MSD MSRPD	mg/L mg/L mg/L	300.0 300.0	103% 103% 0.2%	94-109 94-109 ≤2.61	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	ND ND 103% 100%	<0.3 <0.3 90-110 90-110	
Odor	2150B	02/17/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/16/2006:S346	Dup	units		0.4%	4.80	
	4500-H B	02/16/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/20/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 102% 99.9%	<1 95-105 95-105	
Sulfate	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	98.6% 105% 105% 0.2%	90-110 96-113 96-113 ≤2.29	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	ND ND 104% 101%	<1 <1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/22/2006:A202	Dup	mg/L		0.2%	9.03	
	2320B	02/22/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.3% 93.3%	90-110 90-110	
Total Dissolved Solids	2540C	02/20/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 99.2% 0.4%	<40 90-110 10.0	
Turbidity	2130B	02/17/2006:A245	Dup	NTU		0.00	0.20	
	2130B	02/17/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.5%	<0.2 90-110	

Explanations

355 CCV not within Acceptance Range (AR). Results were reported with client approval.

408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.

435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Inorganic

Definitions

how that sample matrix affects analyte recovery.

Dup	:	Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	:	Method Detection Level
ICB	:	Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	:	Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	:	Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	:	Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	:	Non-detect - Result was below the DQO listed for the analyte.
< ¼	:	High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	:	Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	128%	70-130	
			02-CCV	ug/L	10.00	138%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	01-CCV	ug/L	9.975	137%	70-130	565
			02-CCV	ug/L	9.975	148%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	01-CCV	ug/L	5.000	111%	70-130	
			02-CCV	ug/L	10.00	115%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	117% 110%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	118% 115%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	01-CCV 02-CCV	ug/L ug/L	500.0 1000	121% 121%	80-120 80-120	360 360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	01-CCV	ug/L	500.0	118%	80-120	
			02-CCV	ug/L	1000	114%	80-120	
Diazinon	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	144%	70-130	310
			BS	ug/L	2.500	147%	52-199	
			BSD	ug/L	2.500	136%	52-199	
			BSRPD	ug/L		0.27	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	107%	80-120	
			02-CCV	ug/L	1000	106%	80-120	
Dimethoate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	155%	70-130	310
			BS	ug/L	2.500	165%	68-206	
			BSD	ug/L	2.500	151%	68-206	
			BSRPD	ug/L		0.36	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	114%	80-120	
			02-CCV	ug/L	1000	114%	80-120	
Metolachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	153%	70-130	310
			BS	ug/L	2.500	152%	69-215	
			BSD	ug/L	2.500	136%	69-215	
			BSRPD	ug/L		0.40	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	118%	80-120	
			02-CCV	ug/L	1000	117%	80-120	
Metribuzin	507	02/20/2006:A205	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	149%	70-130	310
			BS	ug/L	2.500	157%	67-232	
			BSD	ug/L	2.500	135%	67-232	
			BSRPD	ug/L		14.2%	≤40.9	
	507	02/23/2006:A	01-CCV	ug/L	500.0	114%	80-120	
			02-CCV	ug/L	1000	120%	80-120	
Molinate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	167%	70-130	310
			BS	ug/L	2.500	167%	62-239	
			BSD	ug/L	2.500	169%	62-239	
			BSRPD	ug/L		0.057	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	115%	80-120	
Prometryn	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	152%	70-130	310
			BS	ug/L	2.500	155%	76-204	
			BSD	ug/L	2.500	146%	76-204	
			BSRPD	ug/L		0.22	≤2.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	121%	80-120	360

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Kleinfelder Inc.

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Prometryn	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	117%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	116%	80-120	
			02-CCV	ug/L	1000	113%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	01-CCV	ug/L	500.0	131%	80-120	360
			02-CCV	ug/L	1000	125%	80-120	360
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	01-CCV	ug/L	2500	121%	80-120	565
			02-CCV	ug/L	7500	113%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Lab ID : STK631474
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	93.4%	53-144	
			BSD	ug/L	10.00	90.4%	53-144	
			BSRPD	ug/L		3.2%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	112%	42-165	
			BSD	ug/L	50.00	106%	42-165	
			BSRPD	ug/L		5.7%	≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	72-117	426
			BSD	ug/L	10.00	123%	72-117	426
			BSRPD	ug/L		9.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	129%	63-118	426
			BSD	ug/L	10.00	115%	63-118	
			BSRPD	ug/L		11.1%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	132%	54-129	426
			BSD	ug/L	10.00	120%	54-129	
			BSRPD	ug/L		9.8%	≤18.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	145%	51-158	
			BSD	ug/L	10.00	130%	51-158	
			BSRPD	ug/L		11.1%	≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		10.4%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	111%	58-131	
			BSD	ug/L	10.00	105%	58-131	
			BSRPD	ug/L		5.4%	≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.3%	<0.5 74-137 74-137 ≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 139% 121% 13.5%	<0.5 35-131 35-131 ≤23.3	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 112% 12.0%	<0.5 67-126 67-126 ≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 117% 7.2%	<0.5 68-124 68-124 ≤17.8	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 108% 0.22	<3 52-128 52-128 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 117% 10.8%	<0.5 59-139 59-139 ≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 114% 0.6%	<0.5 79-155 79-155 ≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 10.4%	<0.5 59-147 59-147 ≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Vinyl Chloride	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	107% 98.0% 8.8%	47-124 47-124 ≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 118% 111% 5.9%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 99.0% 103% 91.8% 1.1	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	94.6% 86.5%	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank LCS	ug/L ug/L	 20.00	ND 96.0%	<3 80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	01-CCV	ug/L	40.00	94.0%	80-120	
			02-CCV	ug/L	20.00	92.3%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	105%	80-120	
			02-CCV	ug/L	10.00	102%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	100%	80-120	
			02-CCV	ug/L	10.00	93.2%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	95.0%	80-120	
			02-CCV	ug/L	10.00	88.3%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	93.2%	80-120	
			02-CCV	ug/L	10.00	87.7%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	02-CCV	ug/L	10.00	98.6%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	01-CCV	ug/L	200.0	105%	80-120	
			02-CCV	ug/L	100.0	106%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	02-CCV	ug/L	1000	104%	70-130	
			03-CCV	ug/L	1000	94.2%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	02-CCV	ug/L	1000	124%	80-120	360
			03-CCV	ug/L	500.0	146%	80-120	360
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	00-CCV	ug/L	1000	93.9%	90-110	
			01-CCV	ug/L	500.0	96.7%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Organic

Definitions

	how that sample matrix affects analyte recovery.
BS/BSD	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	: Method Detection Level
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	: Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	: Non-detect - Result was below the DQO listed for the analyte.
< ¼	: High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631474
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.073±.066	
			00-CCV	cpm	12450	40.5%	41.0±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.283±.15	
			00-CCV	cpm	12450	89.0%	88.9±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631474:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631474-001	MW-7	Source-Other	Jaime Ricci	Kleinfelder	02/16/2006 16:17	02/16/2006 16:54 ct	2006-02-19 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-7	---	---	SM 9221B	MPN/100ml	23.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-7 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, C[redacted]61-0272
TEL: (805) 39[redacted]
FAX: (805) 525[redacted]2

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2500 Stagecoach Road
Stockton, [redacted]5215
TEL: (20[redacted]0181
FAX: (209[redacted]-0423

Field Office
Visalia, California
TEL[redacted]9) 734-9473
Mo[redacted]59) 737-2399
FA[redacted]9) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631474

Enclosed are the results of dioxin analysis for your sample received February 16, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180125
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631474-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180125

There were no anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona*	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas*	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180125

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP19	001	MW-7	02/16/06	16:17

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180125

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631474 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s) J Primerlicci

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-7	2/16/06	1617	G	GW			2

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
[signature]	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Calowey	2/16/06	1700	[signature]	2-17-06	1330			

STL Sacramento (916) 373 - 5600

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
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Visalia, California
TEL: (559) 734-9473
Mobile: ([redacted]37-2399
FAX: (55[redacted]-8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37271

LOT# (QUANTIMS ID) G6B180125 QUOTE# 050647 LOCATION W13B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915		OV	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 2 2 2 Average: 2 Corrected Average: 2		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			2-18-06
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☐ Clouseau	☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A		
☐ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☐ PM NOTIFIED		

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180125

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-7

Trace Level Organic Compounds

Lot-Sample #...: G6B180125-001 **Work Order #...:** HXP191AA **Matrix.....:** WATER
Date Sampled...: 02/16/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	125	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180125

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180125 **Work Order #...:** HXT2H1AA **Matrix.....:** WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 **Prep Batch #...:** 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180125 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180125 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

Special

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631474 **3-2703**

Method of Sampling: Composite(C) Grab(G)
SEE REVERSE SIDE
Type of Sample
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - Colilert P/A 120ml(PBa)-Na2S2O3	General Mineral	pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/16/06	1617	G	LBW			2	2	1												
1	MW-7	2/16/06	1617	G	GW			2	2	1	1	1,1,1		1	1,1	2	1	1	1	1	1	1

Remarks: **Multiple Chains**
HNO3 Field Filtered
1 of 2 10.00 Subfreight

Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645
Dr	2/16/06	1700
CLM	2/17/06	1030

Received By:	Date:	Time:
Dr	2/16/06	1645
Calovez	2/16/06	1700
CLM	2/17/06	1030

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FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631474 **3-2703**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/16/06	1617	G	LBW					
1	MW-7	2/16/06	1617	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

1 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645	DR	2/16/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
DR	2/16/06	1645	CALDER	2/16/06	1700			

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Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: RRT
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DY

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? Yes No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
4. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. Were all analyses within holding times at time of receipt? Yes No
5. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): ll

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631474
IV-02/17/2006-08:42:06

March 14, 2006

Lab ID : STK631475
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 38 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (8 Pages) : Results for each sample submitted.
Quality Control (25 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
MW-8	02/16/2006	02/16/2006	STK631475-01	GW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/21/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
	02/21/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/20/2006:A - IX202 All analysis quality controls are within established criteria.
	02/21/2006:A - IX202 All analysis quality controls are within established criteria, except: The following note applies to Barium, Lead, Thallium: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.
245.1	02/20/2006:A - HG202 All analysis quality controls are within established criteria.

Table continued on next page...

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FAX: (559) 734-8435
Mobile: (559) 737-2399

March 14, 2006

Lab ID : STK631475
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

7470A	02/20/2006:A212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/17/2006:A208 All preparation quality controls are within established criteria.
	02/17/2006:C - CHL All analysis quality controls are within established criteria.
2130B	02/17/2006:A245 All preparation quality controls are within established criteria.
	02/17/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/17/2006:A222 All preparation quality controls are within established criteria.
2320B	02/22/2006:A202 All preparation quality controls are within established criteria.
	02/22/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/20/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/20/2006:A235 All preparation quality controls are within established criteria.
300.0	02/17/2006:A215 All preparation quality controls are within established criteria.
	02/17/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.
4500-H B	02/16/2006:S346 All preparation quality controls are within established criteria.
	02/16/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	03/02/2006:A210 All preparation quality controls are within established criteria, except: The following note applies to Cyanide, Total: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/06/2006:A - UV203 All analysis quality controls are within established criteria.
5540C	02/17/2006:A218 All preparation quality controls are within established criteria.
	02/17/2006:A - EL All analysis quality controls are within established criteria.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon:

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	03/02/2006:A - GC216 Continued... 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/24/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to 1,1-Dichloroethylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1,4-Dichlorobenzene, 4-Chlorotoluene, Bromoform, Bromodichloromethane, Chloromethane, Ethyl tert-Butyl Ether (ETBE),n-Butylbenzene,tert-Butylbenzene, sec-Butylbenzene, p-Isopropyltoluene, n-Propylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/24/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to 2,2-Dichloropropane, Bromodichloromethane, Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631475
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

632	03/01/2006:A - LC204 Continued... 03/01/2006:A - LC204 All analysis quality controls are within established criteria.
504.1	All surrogate quality controls are within established criteria, except: STK63147501 for 1,3-Dibromopropane 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP217 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-8
Project : Mariposa Lake

Lab ID : STK631475-01
Customer ID : 3-2703

Sampled On : February 16, 2006-14:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.6	--	units		4500-H B	02/16/06:S346	4500-H B	02/16/2006:S00 17:02
General Mineral P:1,4								
Total Hardness	207	2.5	mg/L		Calculation		Calculation	
Calcium	40	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Magnesium	26	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Potassium	8	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A0
Sodium	71	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A0
Total Cations	7.4	--	meq/L		Calculation		Calculation	
Boron	0.2	0.1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Iron	190	50	ug/L	300[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Manganese	10	10	ug/L	50[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Total Alkalinity (as CaCO3)	190	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Carbonate	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Bicarbonate	230	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Sulfate	14	1	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Chloride	94	1	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Nitrate	13.5	0.4	mg/L	45	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 20:09
Nitrite as N	0.39	0.1	mg/L	1	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 20:09
Fluoride	0.1	0.1	mg/L	2	300.0	02/17/06:A215	300.0	02/17/2006:A00
Total Anions	7.0	--	meq/L		Calculation		Calculation	
Specific Conductance	692	1	umhos/cm	1600[2]	2510B	02/20/06:A212	2510B	02/20/2006:A01
Total Dissolved Solids	420	40	mg/L	1000[2]	2540C	02/20/06:A235	2540 C,E	02/21/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/17/06:A218 16:57	5540C	02/17/2006:A00 17:08
Aggressiveness Index	11.9	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.0	1.0	mg/L		Calculation		Calculation	

Table continued next page...

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631475-01
Customer ID: 3-2703
Description : MW-8

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total P:1,5								
Aluminum	110	10	ug/L	1000[2]	200.8	02/20/06:A204	200.8	02/20/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/20/06:A204	200.8	02/21/2006:A00
Arsenic	4	2	ug/L	10	200.8	02/20/06:A204	200.8	02/21/2006:A00
Barium	78.7	0.2	ug/L	1000	200.8	02/20/06:A204	200.8	02/21/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/20/06:A204	200.8	02/21/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/20/06:A204	200.8	02/21/2006:A00
Chromium	5	1	ug/L	50	200.8	02/20/06:A204	200.8	02/21/2006:A00
Lead	ND	0.2	ug/L		200.8	02/20/06:A204	200.8	02/21/2006:A00
Mercury	0.02	0.02	ug/L	2	7470A	02/20/06:A212	245.1	02/20/2006:A00
Nickel	2	1	ug/L	100	200.8	02/20/06:A204	200.8	02/21/2006:A00
Selenium	ND	2	ug/L	50	200.8	02/20/06:A204	200.8	02/21/2006:A00
Silver	ND	1	ug/L	100[2]	200.8	02/20/06:A204	200.8	02/21/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/20/06:A204	200.8	02/21/2006:A00
Vanadium	17	2	ug/L		200.8	02/20/06:A204	200.8	02/20/2006:A00
Wet Chemistry P:1,10								
Color	ND	5	units	15[2]	2120C	02/17/06:A208 17:19	2120C	02/17/2006:C00 17:51
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	03/02/06:A210	4500CNCE	03/06/2006:A00
Odor	ND	1	TON	3[2]	2150B	02/17/06:A222 17:20	2150B	02/17/2006:D00 17:59
Turbidity	26.3	0.2	NTU	5[2]	2130B	02/17/06:A245 17:18	2130B	02/17/2006:A00 17:32

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-8
Project : Mariposa Lake

Lab ID : STK631475-01
Customer ID: 3-2703

Sampled On : February 16, 2006-14:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	154	70-130	% Rec	560*	504.1	02/18/06:A203	02/19/2006:A03
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/19/2006:A03
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/19/2006:A03
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631475-01
Customer ID: 3-2703
Description : MW-8

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	80.4	70-130	% Rec		507	02/20/06:A205	02/24/2006:A03
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A03
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A03
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A03
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A03
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A03
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	120	70-130	% Rec		515.3	02/22/06:A241	03/03/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/03/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/03/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/03/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/03/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/03/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	71.4	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	76.0	70-130	% Rec		524.2	02/24/06:A209	02/24/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631475-01
Customer ID: 3-2703
Description : MW-8

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
n-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/24/06:A209	02/24/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/24/06:A209	02/24/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/24/06:A209	02/24/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/24/06:A209	02/24/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631475-01
Customer ID: 3-2703
Description : MW-8

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/24/06:A209	02/24/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/24/06:A209	02/24/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/24/06:A209	02/24/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/24/06:A209	02/24/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/24/06:A209	02/24/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/24/06:A209	02/24/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/24/06:A209	02/24/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/24/06:A209	02/24/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	85.9	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A02
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631475-01
Customer ID: 3-2703
Description : MW-8

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/24/2006:A02
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A03
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	02/28/2006:A03
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/02/2006:A02

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-8
Project : Mariposa Lake

Lab ID : STK631475-01
Customer ID : 3-2703

Sampled On : February 16, 2006-14:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	3.31 ± 1.31	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	5.77 ± 1.02	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Aluminum	200.8	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 94.7% 98.2%	<10 <10 90-110 90-110	
Antimony	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 108% 104%	<1 <1 90-110 90-110	
Arsenic	200.8		00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 100% 100%	<2 <2 90-110 90-110	
Barium	200.8		00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 96.1% 102%	<0.2 <0.2 90-110 90-110	
Beryllium	200.8		00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 92.8% 99.5%	<0.2 <0.2 90-110 90-110	
Boron	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	4.000 4.000	102% 118% 14.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.004 0.009 100% 105%	<N/A <N/A 95-105 90-110	
Cadmium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 102%	<0.2 <0.2 90-110 90-110	
Calcium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	101% 114% 12.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 101% 105%	<1 <1 95-105 90-110	
Chromium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 99.3% 98.3%	<1 <1 90-110 90-110	
Copper	200.7	02/21/2006:A203	MS	ug/L	800.0	104%	75-125	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Copper	200.7	02/21/2006:A203	MSD MSRPD	ug/L ug/L	800.0	120% 13.1%	75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 100% 105%	<0.05 <0.05 95-105 90-110	
Iron	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	ug/L ug/L ug/L	4000 4000	102% 117% 13.4%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 5.000	-0.006 0.02 101% 105%	<N/A <N/A 95-105 90-110	
Lead	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.8% 99.4%	<0.2 <0.2 90-110 90-110	
Magnesium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	98.6% 113% 13.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 99.9% 104%	<1 <1 95-105 90-110	
Manganese	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	ug/L ug/L ug/L	800.0 800.0	101% 117% 14.7%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 100% 104%	<0.03 <0.03 95-105 90-110	
Mercury	7470A	02/20/2006:A212 (SP 601622-01)	Blank LCS MS MSD MDL MSRPD QAMDL	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	 0.2000 0.2000 0.2000 5.000 5.000	ND 98.5% 89.4% 82.0% -0.3% 6.5% 0.0089	<0.02 85-115 75-125 75-125 50-150 ≤20 0.02	
	245.1	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	PPT PPT PPT PPT	 200.0 200.0	ND ND 106% 104%	<20 <20 90-110 90-110	
Nickel	200.8	02/21/2006:A	00-ICB	ppb		ND	<1	

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Lab ID : STK631475
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Nickel	200.8	02/21/2006:A	00-CCB 00-ICV 00-CCV	ppb ppb ppb	 120.0 100.0	ND 97.9% 96.8%	<1 90-110 90-110	
Potassium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	101% 116% 11.9%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 100% 104%	<1 <1 95-105 90-110	
Selenium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 102% 101%	<2 <2 90-110 90-110	
Silver	200.8		00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 100% 98.8%	<1 <1 90-110 90-110	
Sodium	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	12.50 12.50	-12.0% 15.2% 1.9%	< ¼ < ¼ ≤20.0	408 408
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 25.00 25.00	ND ND 102% 107%	<1 <1 95-105 90-110	
Thallium	200.8	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 91.2% 97.4%	<0.2 <0.2 90-110 90-110	
Vanadium	200.8	02/20/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppb ppb ppb ppb	 120.0 100.0	ND ND 97.8% 99.6%	<2 <2 90-110 90-110	
Zinc	200.7	02/21/2006:A203 (SP 601666-01)	MS MSD MSRPD	ug/L ug/L ug/L	2000 2000	103% 122% 16.9%	75-125 75-125 ≤20.0	
	200.7	02/21/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 1.000 1.000	ND ND 99.8% 102%	<0.05 <0.05 95-105 90-110	
Wet Chem Bicarbonate	2320B	02/22/2006:A202	Dup	mg/L		0.2%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Chloride	300.0	02/17/2006:A215	LCS	mg/L	25.00	97.7%	90-110	
			MS	mg/L	500.0	104%	93-110	
		(STK631476-01)	MSD	mg/L	500.0	104%	93-110	
			MSRPD	mg/L		0.0%	≤3.02	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	50.00	103%	90-110	
			00-CCV	ppm	25.00	100%	90-110	
Color	2120C	02/17/2006:A208	Dup	units		0.00	5.0	
	2120C	02/17/2006:C	00-CCB	units		ND	<5	
			00-CCV	units	10.00	100%	90-110	
Cyanide, Total	4500CNCE	03/02/2006:A210	Blank	mg/L		ND	<0.005	
			LCS	mg/L	0.1000	92.0%	90-110	
			MS	mg/L	0.05000	-0.9%	10-155	435
		(SP 601676-01)	MSD	mg/L	0.05000	0.0%	10-155	435
			MSRPD	mg/L		0.00047	≤0.00500	
Cyanide	4500CNCE	03/06/2006:A	00-CCB	mg/L		ND	<0.01	
			00-CCV	mg/L	0.1000	98.5%	90-110	
Fluoride	300.0	02/17/2006:A215	LCS	mg/L	2.500	90.0%	90-110	
			MS	mg/L	50.00	94.4%	90-109	
		(STK631476-01)	MSD	mg/L	50.00	94.3%	90-109	
			MSRPD	mg/L		0.1%	≤4.56	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<0.1	
			00-CCB	ppm		ND	<0.1	
			00-ICV	ppm	5.000	93.8%	90-110	
			00-CCV	ppm	2.500	90.7%	90-110	
Hydroxide	2320B	02/22/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/17/2006:A218	MS	mg/L	0.1000	100%	90-110	
		(SP 601666-01)	MSD	mg/L	0.1000	100%	90-110	
			MSRPD	mg/L		0.00	≤0.100	
	5540C	02/17/2006:A	00-CCB	mg/L		ND	<0.1	
			00-CCV	mg/L	0.1000	100%	99-101	
Nitrate	300.0	02/17/2006:A215	LCS	mg/L	20.00	98.1%	90-110	
			MS	mg/L	400.0	105%	94-111	
		(STK631476-01)	MSD	mg/L	400.0	105%	94-111	
			MSRPD	mg/L		0.2%	≤2.71	
	300.0	02/17/2006:A	00-ICB	ppm		ND	<0.4	
			00-CCB	ppm		ND	<0.4	
			00-ICV	ppm	40.00	104%	90-110	
			00-CCV	ppm	20.00	100%	90-110	
Nitrite	300.0	02/17/2006:A215	LCS	mg/L	15.00	98.2%	90-110	

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Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/17/2006:A215 (STK631476-01)	MS MSD MSRPD	mg/L mg/L mg/L	300.0 300.0	103% 103% 0.2%	94-109 94-109 ≤2.61	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	ND ND 103% 100%	<0.3 <0.3 90-110 90-110	
Odor	2150B	02/17/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/16/2006:S346	Dup	units		0.4%	4.80	
	4500-H B	02/16/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/20/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 102% 99.9%	<1 95-105 95-105	
Sulfate	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	98.6% 105% 105% 0.2%	90-110 96-113 96-113 ≤2.29	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	ND ND 104% 101%	<1 <1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/22/2006:A202	Dup	mg/L		0.2%	9.03	
	2320B	02/22/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.3% 93.3%	90-110 90-110	
Total Dissolved Solids	2540C	02/20/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000	ND 99.2% 0.4%	<40 90-110 10.0	
Turbidity	2130B	02/17/2006:A245	Dup	NTU		0.00	0.20	
	2130B	02/17/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.5%	<0.2 90-110	

Explanations

355 CCV not within Acceptance Range (AR). Results were reported with client approval.
408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Inorganic

Definitions

how that sample matrix affects analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	02-CCV	ug/L	10.00	138%	70-130	360
			03-CCV	ug/L	10.00	139%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	02-CCV	ug/L	9.975	148%	70-130	565
			03-CCV	ug/L	9.975	149%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Kleinfelder Inc.

Lab ID : STK631475
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	110% 111%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	115% 112%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	121% 110%	80-120 80-120	360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	02-CCV	ug/L	1000	114%	80-120	
			03-CCV	ug/L	500.0	113%	80-120	
Diazinon	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	144%	70-130	310
			BS	ug/L	2.500	147%	52-199	
			BSD	ug/L	2.500	136%	52-199	
			BSRPD	ug/L		0.27	≤2.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	106%	80-120	
			03-CCV	ug/L	500.0	102%	80-120	
Dimethoate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	155%	70-130	310
			BS	ug/L	2.500	165%	68-206	
			BSD	ug/L	2.500	151%	68-206	
			BSRPD	ug/L		0.36	≤2.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	114%	80-120	
			03-CCV	ug/L	500.0	105%	80-120	
Metolachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	153%	70-130	310
			BS	ug/L	2.500	152%	69-215	
			BSD	ug/L	2.500	136%	69-215	
			BSRPD	ug/L		0.40	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	117%	80-120	
			03-CCV	ug/L	500.0	113%	80-120	
Metribuzin	507	02/20/2006:A205	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	149%	70-130	310
			BS	ug/L	2.500	157%	67-232	
			BSD	ug/L	2.500	135%	67-232	
			BSRPD	ug/L		14.2%	≤40.9	
	507	02/23/2006:A	02-CCV	ug/L	1000	120%	80-120	
			03-CCV	ug/L	500.0	113%	80-120	
Molinate	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	167%	70-130	310
			BS	ug/L	2.500	167%	62-239	
			BSD	ug/L	2.500	169%	62-239	
			BSRPD	ug/L		0.057	≤2.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	115%	80-120	
			03-CCV	ug/L	500.0	107%	80-120	
Prometryn	507	02/20/2006:A205	Blank	ug/L		ND	<2	
			LCS	ug/L	2.500	152%	70-130	310
			BS	ug/L	2.500	155%	76-204	
			BSD	ug/L	2.500	146%	76-204	
			BSRPD	ug/L		0.22	≤2.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	

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Prometryn	507	02/23/2006:A	03-CCV	ug/L	500.0	115%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	113%	80-120	
			03-CCV	ug/L	500.0	114%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	113%	80-120	
			03-CCV	ug/L	500.0	109%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	125%	80-120	360
			03-CCV	ug/L	500.0	119%	80-120	
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	02-CCV	ug/L	7500	113%	80-120	
			03-CCV	ug/L	2500	97.3%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.2% 96.6% 1.6%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.8%	70-130	
Bromobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 9.0%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Bromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 114% 5.0%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Bromodichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 146% 143% 2.3%	<0.5 75-140 75-140 ≤15.6	 426 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	140%	70-130	360
4-Bromofluorobenzene-Surrogate	524.2	02/24/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	97.4% 117% 110%	70-130 70-130 70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	96.0%	70-130	
Bromoform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 144% 123% 15.5%	<0.5 69-140 69-140 ≤18.7	 426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	

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Bromomethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	93.4%	53-144	
			BSD	ug/L	10.00	90.4%	53-144	
			BSRPD	ug/L		3.2%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	74.8%	70-130	
tert-Butanol	524.2	02/24/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	112%	42-165	
			BSD	ug/L	50.00	106%	42-165	
			BSRPD	ug/L		5.7%	≤38.8	
	524.2	02/24/2006:A	00-CCV	ug/L	50.00	79.9%	70-130	
n-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	135%	72-117	426
			BSD	ug/L	10.00	123%	72-117	426
			BSRPD	ug/L		9.2%	≤17.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	142%	70-130	360
sec-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	129%	63-118	426
			BSD	ug/L	10.00	115%	63-118	
			BSRPD	ug/L		11.1%	≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	132%	54-129	426
			BSD	ug/L	10.00	120%	54-129	
			BSRPD	ug/L		9.8%	≤18.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Carbon Tetrachloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	145%	51-158	
			BSD	ug/L	10.00	130%	51-158	
			BSRPD	ug/L		11.1%	≤15.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	126%	70-130	
Chlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	131%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		10.4%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
Chloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	111%	58-131	
			BSD	ug/L	10.00	105%	58-131	
			BSRPD	ug/L		5.4%	≤18.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.3%	<0.5 74-137 74-137 ≤18.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
Chloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 139% 121% 13.5%	<0.5 35-131 35-131 ≤23.3	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	128%	70-130	
2-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 112% 12.0%	<0.5 67-126 67-126 ≤16.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
4-Chlorotoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 117% 7.2%	<0.5 68-124 68-124 ≤17.8	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 108% 0.22	<3 52-128 52-128 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Dibromochloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 117% 10.8%	<0.5 59-139 59-139 ≤22.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Dibromomethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 114% 0.6%	<0.5 79-155 79-155 ≤17.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 10.4%	<0.5 59-147 59-147 ≤17.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	104%	70-130	

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1,3-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	63-137	
			BSD	ug/L	10.00	119%	63-137	
			BSRPD	ug/L		11.1%	≤16.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,4-Dichlorobenzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	138%	60-137	426
			BSD	ug/L	10.00	118%	60-137	
			BSRPD	ug/L		16.0%	≤17.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/24/2006:A209	Blank	ug/L	10.00	96.7%	70-130	
			BS	ug/L	10.00	120%	70-130	
			BSD	ug/L	10.00	118%	70-130	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	93.2%	70-130	
Dichlorodifluoromethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	134%	27-138	
			BSD	ug/L	10.00	120%	27-138	
			BSRPD	ug/L		11.0%	≤43.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,1-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	115%	56-121	
			BSD	ug/L	10.00	116%	56-121	
			BSRPD	ug/L		0.7%	≤15.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2-Dichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	133%	67-158	
			BSD	ug/L	10.00	120%	67-158	
			BSRPD	ug/L		10.3%	≤14.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
1,1-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	128%	62-120	426
			BSD	ug/L	10.00	125%	62-120	426
			BSRPD	ug/L		1.7%	≤18.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
cis-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	106%	66-129	
			BSD	ug/L	10.00	104%	66-129	
			BSRPD	ug/L		2.2%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.7%	70-130	
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	117% 103% 12.7%	63-130 63-130 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Dichloromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 97.6% 9.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.9%	70-130	
1,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 104% 4.3%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
1,3-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 119% 4.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
2,2-Dichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 136% 1.4%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	136%	70-130	360
1,1-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 110% 5.2%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
cis-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 114% 3.8%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	94.6%	70-130	
trans-1,3-Dichloropropene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 105% 12.5%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
Ethyl Benzene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	122% 116% 5.8%	55-136 55-136 ≤15.7	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 120% 116% 0.48	<3 58-119 58-119 ≤3.00	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.8%	70-130	
Hexachlorobutadiene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 156% 140% 10.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	133%	70-130	360
Isopropylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 127% 118% 7.3%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	113%	70-130	
p-Isopropyltoluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.3%	<0.5 57-128 57-128 ≤19.4	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	114%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 109% 11.2%	<1 66-133 66-133 ≤20.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Naphthalene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 136% 132% 2.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	86.3%	70-130	
n-Propylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 122% 113% 7.9%	<0.5 69-116 69-116 ≤16.9	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Styrene	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	127% 118% 7.7%	50-143 50-143 ≤15.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 106% 1.0	<3 49-141 49-141 ≤3.00	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	97.9%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 129% 116% 10.6%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 110% 8.1%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	98.5%	70-130	
Tetrachloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 126% 5.5%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
Toluene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 125% 124% 0.8%	<0.5 63-134 63-134 ≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	116%	70-130	
1,2,3-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 154% 144% 7.0%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	100%	70-130	
1,2,4-Trichlorobenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 145% 132% 9.9%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,1,1-Trichloroethane	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/24/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	128% 122% 5.2%	56-171 56-171 ≤16.4	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1,2-Trichloroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 131% 121% 7.7%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	101%	70-130	
Trichloroethylene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 109% 10.9%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	103%	70-130	
Trichlorofluoromethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 127% 9.8%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	119%	70-130	
1,2,3-Trichloropropane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 110% 11.7%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	99.2%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 121% 11.2%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 133% 122% 8.4%	<0.5 65-126 65-126 ≤17.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	109%	70-130	
1,3,5-Trimethylbenzene	524.2	02/24/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 126% 115% 8.6%	<0.5 64-125 64-125 ≤16.6	426
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Vinyl Chloride	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/24/2006:A209	BS	ug/L	10.00	107%	47-124	
			BSD	ug/L	10.00	98.0%	47-124	
			BSRPD	ug/L		8.8%	≤18.6	
	524.2	02/24/2006:A	00-CCV	ug/L	10.00	95.7%	70-130	
Xylenes m,p	524.2	02/24/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	20.00	118%	43-151	
			BSD	ug/L	20.00	111%	43-151	
			BSRPD	ug/L		5.9%	≤16.1	
	524.2	02/24/2006:A	00-CCV	ug/L	20.00	104%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank	ug/L		ND	<0.1	
			LCS	ug/L	5.000	111%	70-130	
			BS	ug/L	5.000	104%	70-130	
			BSD	ug/L	5.000	110%	70-130	
			BSRPD	ug/L		5.4%	≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank	ug/L		ND	<1	
			LCS	ug/L	5.000	93.4%	70-130	
			BS	ug/L	5.000	96.6%	70-130	
			BSD	ug/L	5.000	91.7%	70-130	
			BSRPD	ug/L		0.25	≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank	ug/L		ND	<3	
			LCS	ug/L	5.000	94.5%	70-130	
			BS	ug/L	5.000	98.3%	70-130	
			BSD	ug/L	5.000	98.6%	70-130	
			BSRPD	ug/L		0.019	≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank	ug/L	5.000	86.5%	70-130	
			LCS	ug/L	5.000	89.5%	70-130	
			BS	ug/L	5.000	84.0%	70-130	
			BSD	ug/L	5.000	85.7%	70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	99.0%	80-120	
			MS	ug/L	10.00	103%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.8%	65-135	
			MSRPD	ug/L		1.1	≤3.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	94.6%	80-120	
			02-CCV	ug/L	10.00	86.5%	80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211 (VI 640223-01)	MS MSD MSRPD	ug/L ug/L ug/L	20.00 20.00	94.6% 91.2% 3.7%	65-135 65-135 ≤28.3	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 20.00	94.0% 92.3%	80-120 80-120	
	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 20.00 20.00 20.00	ND 96.0% 94.6% 91.2% 3.7%	<3 80-120 65-135 65-135 ≤28.3	
Carbaryl	531.1	(VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 113% 107% 106% 0.14	<5 80-120 65-135 65-135 ≤5.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	105% 102%	80-120 80-120	
Carbofuran	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 104% 90.4% 91.5% 0.11	<5 80-120 65-135 65-135 ≤5.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	100% 93.2%	80-120 80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 92.7% 87.4% 86.3% 0.11	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	95.0% 88.3%	80-120 80-120	
Methomyl	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 96.3% 86.7% 79.9% 0.68	<2 80-120 65-135 65-135 ≤2.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	93.2% 87.7%	80-120 80-120	
Oxamyl	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 105% 105% 97.9% 0.67	<5 80-120 65-135 65-135 ≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	02-CCV	ug/L	10.00	98.6%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	01-CCV	ug/L	200.0	105%	80-120	
			02-CCV	ug/L	100.0	106%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	02-CCV	ug/L	1000	104%	70-130	
			03-CCV	ug/L	1000	94.2%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	02-CCV	ug/L	1000	124%	80-120	360
			03-CCV	ug/L	500.0	146%	80-120	360
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	01-CCV	ug/L	500.0	96.7%	90-110	
			02-CCV	ug/L	1000	97.3%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

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Kleinfelder Inc. Customer : 3-2703

Quality Control - Organic

Definitions

how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631475
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.0747±.053	
			00-CCV	cpm	12450	40.9%	41.2±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.291±.13	
			00-CCV	cpm	12450	90.0%	88.6±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631475:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631475-001	MW-8	Source-Other	Jaime Ricci	Kleinfelder	02/16/2006 14:30	02/16/2006 16:56 ct	2006-02-19 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-8	---	---	SM 9221B	MPN/100ml	>23.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-8 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

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Visalia, California
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FAX: (559) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631475

Enclosed are the results of dioxin analysis for your sample received February 16, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180126
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631475-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180126

There were no anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180126

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP2K	001	MW-8	02/16/06	14:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180126

ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

Client: **Fruit Growers Laboratory, Inc.**

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631475 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s) Jarmercer

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

Method of Sampling: Composite(C) Grab(G)

Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-8	2/16/06	1430	G	GW			2

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Dr	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Calover	2/16/06	1700	Cliff Hd	2-17-06	1330			

STL Sacramento (916) 373 - 5600

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SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37272

LOT# (QUANTIMS ID) G6B180126 QUOTE# 30647 LOCATION W13B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915		AN	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 2 2 2 Average: 2 Corrected Average: 2		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			2-18-06
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☐ Clouseau	☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A		
☐ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☐ PM NOTIFIED		

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

LEAVE NO SPACES BLANK. USE "N/A" IF NOT APPLICABLE. INITIAL AND DATE ALL "N/A" ENTRIES.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180126

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-8

Trace Level Organic Compounds

Lot-Sample #...: G6B180126-001 Work Order #...: HXP2K1AA Matrix.....: WATER
Date Sampled...: 02/16/06 Date Received..: 02/17/06
Prep Date.....: 02/21/06 Analysis Date..: 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	74	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180126

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180126 Work Order #...: HXT2H1AA Matrix.....: WATER
MB Lot-Sample #: G6B210000-391
Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180126 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180126 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631475 **3-2703**

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Bacti	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - Colilert P/A 120ml(PBa)-Na2S2O3	General Mineral pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/16/06	1430	G	LBW			2	2	1											
1	MW-8	2/16/06	1430	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1

Remarks: **Multiple Chains**
HNO_3 Field Filtered
1 of 2 10° Subfreight

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645	Dr	2/16/06	1700	Allen	2/17/06	1030.
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
Dr	2/16/06	1645	Calover	2/16/06	1700	Angel	2/17/06	1030

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631475 **3-2703**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/16/06	1430	G	LBW					
1	MW-8	2/16/06	1430	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645	Dr	2/16/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Dr	2/16/06	1645	Calloway	2/16/06	1700			

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Stockton, [redacted]215
TEL: (209)[redacted]-0182

Field Office
Visa[redacted]lifornia
TEL[redacted]734-9473
Mobile: (559) 737-2399

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: RRT
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DV

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? ~~Yes~~ No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) ~~Yes~~ No
4. Were sample custody seals intact? ~~N/A~~ Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ~~Yes~~ No
2. Did bottle labels correspond with the client's ID's? ~~Yes~~ No
3. Were all bottles requiring sample preservation properly preserved? Yes No ~~N/A~~ FGL
4. Were all analyses within holding times at time of receipt? ~~Yes~~ No
5. Have rush or project due dates been checked and accepted? ~~N/A~~ Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): LL

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:_____
   Initiated By:_____ Date:
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631475
IV-02/17/2006-08:43:13

March 14, 2006

Lab ID : STK631476
Customer : 3002703

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Laboratory Report

Introduction: This report package contains total of 38 pages divided into three sections:

Case Narrative (5 Pages) : An overview of the work performed at FGL.
Chemical Results (8 Pages) : Results for each sample submitted.
Quality Control (25 Pages) : Supporting Quality Control (QC) results.

This report package pertains to the following sample:

Sample Description	Date Sampled	Date Received	FGL Lab Sample ID #	Matrix
MW-9	02/16/2006	02/16/2006	STK631476-01	GW

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding times. The holding time for pH is listed as immediate. Logistically this is very difficult to obtain. FGL policy is to analyze all samples requiring pH on the same day of receipt at the laboratory. If this presents any problem please call. All samples were received on ice. All samples were checked for pH if acid or base preservation required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Forms.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	02/21/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to Sodium: 408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
	02/21/2006:A - I_207 All analysis quality controls are within established criteria.
200.8	02/20/2006:A - IX202 All analysis quality controls are within established criteria.
	02/21/2006:A - IX202 All analysis quality controls are within established criteria, except: The following note applies to Barium, Lead, Thallium: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.
245.1	02/20/2006:A - HG202 All analysis quality controls are within established criteria.

Table continued on next page...

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CA ELAP Certification No. 1573

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FAX: (209) 942-0423
CA ELAP Certification No. 1563

Field Office
Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399

March 14, 2006

Lab ID : STK631476
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Inorganic - Metals QC

7470A	02/20/2006:A212 All preparation quality controls are within established criteria.

Inorganic - Wet Chemistry QC

2120C	02/17/2006:A208 All preparation quality controls are within established criteria.
	02/17/2006:C - CHL All analysis quality controls are within established criteria.
2130B	02/17/2006:A245 All preparation quality controls are within established criteria.
	02/17/2006:A - TR203 All analysis quality controls are within established criteria.
2150B	02/17/2006:A222 All preparation quality controls are within established criteria.
2320B	02/22/2006:A202 All preparation quality controls are within established criteria.
	02/22/2006:A - TI201 All analysis quality controls are within established criteria.
2510B	02/20/2006:A - EC201 All analysis quality controls are within established criteria.
2540C	02/20/2006:A235 All preparation quality controls are within established criteria.
300.0	02/17/2006:A215 All preparation quality controls are within established criteria.
	02/17/2006:A - IC204 All analysis quality controls are within established criteria, except: The following note applies to Chloride, Fluoride, Nitrate, Nitrite, Sulfate: 355 CCV not within Acceptance Range (AR). Results were reported with client approval.
4500-H B	02/16/2006:S346 All preparation quality controls are within established criteria.
	02/16/2006:S - PH301 All analysis quality controls are within established criteria.
4500CNCE	03/02/2006:A210 All preparation quality controls are within established criteria, except: The following note applies to Cyanide, Total: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/06/2006:A - UV203 All analysis quality controls are within established criteria.
5540C	02/17/2006:A218 All preparation quality controls are within established criteria.
	02/17/2006:A - EL All analysis quality controls are within established criteria.

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	02/18/2006:A203 All preparation quality controls are within established criteria, except: The following note applies to 1,3-Dibromopropane: 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
	02/18/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to DBCP: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to 1,3-Dibromopropane: 565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.
505	02/17/2006:A204 All preparation quality controls are within established criteria.
	02/17/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to Heptachlor: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/17/2006:B - GC216 All analysis quality controls are within established criteria.
507	02/20/2006:A205 All preparation quality controls are within established criteria, except: The following note applies to Alachlor, Atrazine, Bromacil, Butachlor, Diazinon, Dimethoate, Metolachlor, Metribuzin, Molinate, Prometryn, Propachlor, Simazine, Thiobencarb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
	02/23/2006:A - GC218 All analysis quality controls are within established criteria, except: The following note applies to Bromacil, Thiobencarb: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
515.3	02/22/2006:A241 All preparation quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon, Dinoseb: 310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted. The following note applies to Dinoseb: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	03/02/2006:A - GC216 All analysis quality controls are within established criteria, except: The following note applies to 2,4-D, Bentazon:

Table continued on next page...

Kleinfelder Inc.

Quality Control:

Organic QC

515.3	03/02/2006:A - GC216 Continued... 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
524.2	02/28/2006:A209 All preparation quality controls are within established criteria, except: The following note applies to Toluene: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to n-Butylbenzene: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GM205 All analysis quality controls are within established criteria, except: The following note applies to Hexachlorobutadiene, n-Butylbenzene: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
525.2	02/19/2006:A210 All preparation quality controls are within established criteria.
	02/28/2006:A - GM201 All analysis quality controls are within established criteria.
531.1	03/08/2006:A211 All preparation quality controls are within established criteria.
	03/08/2006:A - LC204 All analysis quality controls are within established criteria.
547	02/23/2006:A212 All preparation quality controls are within established criteria, except: The following note applies to Glyphosate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	02/23/2006:A - LC204 All analysis quality controls are within established criteria.
548.1	02/22/2006:A213 All preparation quality controls are within established criteria.
	02/28/2006:A - GC207 All analysis quality controls are within established criteria.
549.2	02/22/2006:A214 All preparation quality controls are within established criteria.
	02/28/2006:A - LC204 All analysis quality controls are within established criteria, except: The following note applies to Diquat: 360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
632	02/17/2006:A226 All preparation quality controls are within established criteria.
	03/01/2006:A - LC204 All analysis quality controls are within established criteria.

Table continued on next page...

March 14, 2006

Lab ID : STK631476
Customer : 3002703

Kleinfelder Inc.

Quality Control:

Organic QC

504.1	All surrogate quality controls are within established criteria, except: STK63147601 for 1,3-Dibromopropane 560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

Radio Chemistry QC

900.0	02/21/2006:A207 All preparation quality controls are within established criteria, except: The following note applies to Gross Alpha: 410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery. The following note applies to Gross Alpha: 426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
	02/28/2006:A - GP218 All analysis quality controls are within established criteria.
908.0	03/06/2006:A218 All preparation quality controls are within established criteria.
	03/08/2006:A - GP214 All analysis quality controls are within established criteria.

Certification: I certify that this data package is in compliance with NELAC Standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following signature.

FGL ENVIRONMENTAL

KAD:kdm

Kelly A. Dunnahoo, B.S.
Laboratory Director

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-9
Project : Mariposa Lake

Lab ID : STK631476-01
Customer ID : 3-2703

Sampled On : February 16, 2006-12:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
General Mineral P:1,4								
pH	7.5	--	units		4500-H B	02/16/06:S346	4500-H B	02/16/2006:S00 17:03
General Mineral P:1,4								
Total Hardness	290	2.5	mg/L		Calculation		Calculation	
Calcium	60	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Magnesium	34	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Potassium	10	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A[illegible]
Sodium	91	1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A0[illegible]
Total Cations	10.0	--	meq/L		Calculation		Calculation	
Boron	0.2	0.1	mg/L		200.7	02/21/06:A203	200.7	02/21/2006:A00
Copper	ND	10	ug/L	1000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Iron	560	50	ug/L	300[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Manganese	50	10	ug/L	50[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Zinc	ND	20	ug/L	5000[2]	200.7	02/21/06:A203	200.7	02/21/2006:A00
Total Alkalinity (as CaCO3)	150	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Hydroxide	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Carbonate	ND	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Bicarbonate	180	10	mg/L		2320B	02/22/06:A202	2320B	02/22/2006:A01
Sulfate	50	1	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Chloride	180	2♦	mg/L	500[2]	300.0	02/17/06:A215	300.0	02/17/2006:A00
Nitrate	16.5	0.4	mg/L	45	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 19:27
Nitrite as N	ND	0.1	mg/L	1	300.0	02/17/06:A215 15:55	300.0	02/17/2006:A00 19:27
Fluoride	ND	0.1	mg/L	2	300.0	02/17/06:A215	300.0	02/17/2006:A00
Total Anions	9.3	--	meq/L		Calculation		Calculation	
Specific Conductance	956	1	umhos/cm	1600[2]	2510B	02/20/06:A212	2510B	02/20/2006:A01
Total Dissolved Solids	560	40	mg/L	1000[2]	2540C	02/20/06:A235	2540 C,E	02/21/2006:A00
MBAS (foaming agents)	ND	0.1	mg/L	0.5[2]	5540C	02/17/06:A218 16:57	5540C	02/17/2006:A00 17:09
Aggressiveness Index	11.9	1.0	mg/L		Calculation		Calculation	
Langlier Index	0.0	1.0	mg/L		Calculation		Calculation	

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476-01
Customer ID: 3-2703
Description : MW-9

Sample Results - Inorganic

Constituent	Results	PQL	Units	MCL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Metals, Total P:1,5								
Aluminum	280	10	ug/L	1000[2]	200.8	02/20/06:B204	200.8	02/20/2006:A00
Antimony	ND	1	ug/L	6	200.8	02/20/06:B204	200.8	02/21/2006:A00
Arsenic	4	2	ug/L	10	200.8	02/20/06:B204	200.8	02/21/2006:A00
Barium	85.1	0.2	ug/L	1000	200.8	02/20/06:B204	200.8	02/21/2006:A00
Beryllium	ND	0.2	ug/L	4	200.8	02/20/06:B204	200.8	02/21/2006:A00
Cadmium	ND	0.2	ug/L	5	200.8	02/20/06:B204	200.8	02/21/2006:A00
Chromium	5	1	ug/L	50	200.8	02/20/06:B204	200.8	02/20/2006:A00
Lead	0.4	0.2	ug/L		200.8	02/20/06:B204	200.8	02/21/2006:A00
Mercury	ND	0.02	ug/L	2	7470A	02/20/06:A212	245.1	02/20/2006:A00
Nickel	2	1	ug/L	100	200.8	02/20/06:B204	200.8	02/20/2006:A00
Selenium	2	2	ug/L	50	200.8	02/20/06:B204	200.8	02/21/2006:A00
Silver	ND	1	ug/L	100[2]	200.8	02/20/06:B204	200.8	02/21/2006:A00
Thallium	ND	0.2	ug/L	2	200.8	02/20/06:B204	200.8	02/21/2006:A00
Vanadium	17	2	ug/L		200.8	02/20/06:B204	200.8	02/20/2006:A00
Wet Chemistry P:1,10								
Color	5	5	units	15[2]	2120C	02/17/06:A208 17:19	2120C	02/17/2006:C00 17:54
Cyanide, Total	ND	0.005	mg/L	0.15	4500CNCE	03/02/06:A210	4500CNCE	03/06/2006:A00
Odor	ND	1	TON	3[2]	2150B	02/17/06:A222 17:20	2150B	02/17/2006:D00 18:02
Turbidity	426	0.2	NTU	5[2]	2130B	02/17/06:A245 17:18	2130B	02/17/2006:A00 17:38

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (P) Plastic Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2, (5) HNO3 pH < 2, (10) NaOH

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-9
Project : Mariposa Lake

Lab ID : STK631476-01
Customer ID: 3-2703

Sampled On : February 16, 2006-12:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 504.1 VOA:1							
1,3-Dibromopropane-Surrogate	161	70-130	% Rec	560*	504.1	02/18/06:A203	02/19/2006:A03
DBCP	ND	0.01	ug/L	0.2	504.1	02/18/06:A203	02/19/2006:A03
EDB	ND	0.02	ug/L	0.05	504.1	02/18/06:A203	02/19/2006:A03
EPA 505 VOA:1							
Alachlor	ND	0.2	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Aldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Chlordane	ND	0.1	ug/L	0.1	505	02/17/06:A204	02/20/2006:A03
Dieldrin	ND	0.01	ug/L		505	02/17/06:A204	02/20/2006:A03
Endrin	ND	0.01	ug/L	2	505	02/17/06:A204	02/20/2006:A03
Heptachlor	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Heptachlor Epoxide	ND	0.01	ug/L	0.01	505	02/17/06:A204	02/20/2006:A03
Hexachlorobenzene	ND	0.01	ug/L	1	505	02/17/06:A204	02/20/2006:A03
Hexachlorocyclopentadiene	ND	0.1	ug/L	50	505	02/17/06:A204	02/20/2006:B03
Lindane	ND	0.05	ug/L	0.2	505	02/17/06:A204	02/20/2006:A03
Methoxychlor	ND	0.1	ug/L	30	505	02/17/06:A204	02/20/2006:A03
Toxaphene	ND	0.5	ug/L	3	505	02/17/06:A204	02/20/2006:A03
PCB 1016	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1221	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1232	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1242	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1248	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1254	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03
PCB 1260	ND	0.5	ug/L		505	02/17/06:A204	02/20/2006:A03

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476-01
Customer ID: 3-2703
Description : MW-9

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 507 AGT:1							
Triphenylphosphate-Surrogate	77.1	70-130	% Rec		507	02/20/06:A205	02/24/2006:A03
Alachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Atrazine	ND	0.5	ug/L	1	507	02/20/06:A205	02/24/2006:A03
Bromacil	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Butachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Diazinon	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Dimethoate	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Metolachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Metribuzin	ND	0.5	ug/L		507	02/20/06:A205	02/24/2006:A03
Molinate	ND	2	ug/L	20	507	02/20/06:A205	02/24/2006:A03
Prometryn	ND	2	ug/L		507	02/20/06:A205	02/24/2006:A03
Propachlor	ND	1	ug/L		507	02/20/06:A205	02/24/2006:A03
Simazine	ND	1	ug/L	4	507	02/20/06:A205	02/24/2006:A03
Thiobencarb	ND	1	ug/L	70[2]	507	02/20/06:A205	02/24/2006:A03
EPA 515.3 AGT:1							
2,4-DCAA-Surrogate	108	70-130	% Rec		515.3	02/22/06:A241	03/03/2006:A02
Bentazon	ND	2	ug/L	18	515.3	02/22/06:A241	03/03/2006:A02
2,4-D	ND	2	ug/L	70	515.3	02/22/06:A241	03/03/2006:A02
Dalapon	ND	10	ug/L	200	515.3	02/22/06:A241	03/03/2006:A02
Dicamba	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
Dinoseb	ND	2	ug/L	7	515.3	02/22/06:A241	03/03/2006:A02
Pentachlorophenol	ND	0.2	ug/L	1	515.3	02/22/06:A241	03/03/2006:A02
Picloram	ND	1	ug/L	500	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-TP (Silvex)	ND	1	ug/L	50	515.3	02/22/06:A241	03/03/2006:A02
2,4,5-T	ND	1	ug/L		515.3	02/22/06:A241	03/03/2006:A02
EPA 524.2 VOA:1,3							
4-Bromofluorobenzene-Surrogate	101	70-130	% Rec		524.2	02/28/06:A209	02/28/2006:A01
1,2-Dichlorobenzene-d4-Surrogate	104	70-130	% Rec		524.2	02/28/06:A209	02/28/2006:A01
Benzene	ND	0.5	ug/L	1	524.2	02/28/06:A209	02/28/2006:A01
Bromobenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Bromochloromethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Bromodichloromethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Bromoform	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Bromomethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476-01
Customer ID: 3-2703
Description : MW-9

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
n-Butylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
sec-Butylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
tert-Butylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Carbon Tetrachloride	ND	0.5	ug/L	0.5	524.2	02/28/06:A209	02/28/2006:A01
tert-Butanol	ND	2	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Chlorobenzene	ND	0.5	ug/L	70	524.2	02/28/06:A209	02/28/2006:A01
Chloroethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Chloroform	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Chloromethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
2-Chlorotoluene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
4-Chlorotoluene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Dibromochloromethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Dibromomethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,2-Dichlorobenzene	ND	0.5	ug/L	600	524.2	02/28/06:A209	02/28/2006:A01
1,3-Dichlorobenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,4-Dichlorobenzene	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
Dichlorodifluoromethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,1-Dichloroethane	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
1,2-Dichloroethane	ND	0.5	ug/L	0.5	524.2	02/28/06:A209	02/28/2006:A01
1,1-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/28/06:A209	02/28/2006:A01
cis-1,2-Dichloroethylene	ND	0.5	ug/L	6	524.2	02/28/06:A209	02/28/2006:A01
trans-1,2-Dichloroethylene	ND	0.5	ug/L	10	524.2	02/28/06:A209	02/28/2006:A01
1,2-Dichloropropane	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
1,3-Dichloropropane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Dichloromethane	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
2,2-Dichloropropane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,1-Dichloropropene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
cis-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
trans-1,3-Dichloropropene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Di-isopropyl ether (DIPE)	ND	3	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Ethyl Benzene	ND	0.5	ug/L	300	524.2	02/28/06:A209	02/28/2006:A01
Ethyl tert-Butyl Ether (ETBE)	ND	3	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Hexachlorobutadiene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Isopropylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
p-Isopropyltoluene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Methyl tert-Butyl Ether (MTBE)	ND	3	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
Naphthalene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
n-Propylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Styrene	ND	0.5	ug/L	100	524.2	02/28/06:A209	02/28/2006:A01

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476-01
Customer ID: 3-2703
Description : MW-9

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 524.2 VOA:1,3							
Tert-amyl-methyl Ether (TAME)	ND	3	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	1	524.2	02/28/06:A209	02/28/2006:A01
Tetrachloroethylene	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
Toluene	ND	0.5	ug/L	150	524.2	02/28/06:A209	02/28/2006:A01
1,2,3-Trichlorobenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,2,4-Trichlorobenzene	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
1,1,1-Trichloroethane	ND	0.5	ug/L	200	524.2	02/28/06:A209	02/28/2006:A01
1,1,2-Trichloroethane	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
Trichloroethylene	ND	0.5	ug/L	5	524.2	02/28/06:A209	02/28/2006:A01
Trichlorofluoromethane	ND	0.5	ug/L	150	524.2	02/28/06:A209	02/28/2006:A01
1,2,3-Trichloropropane	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,1,2-Trichlorotrifluoroethane	ND	0.5	ug/L	1200	524.2	02/28/06:A209	02/28/2006:A01
1,2,4-Trimethylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
1,3,5-Trimethylbenzene	ND	0.5	ug/L		524.2	02/28/06:A209	02/28/2006:A01
Vinyl Chloride	ND	0.5	ug/L	0.5	524.2	02/28/06:A209	02/28/2006:A01
Xylenes (Total)	ND	0.5	ug/L	1750	524.2	02/28/06:A209	02/28/2006:A01
Total Trihalomethanes	ND	0.5	ug/L	100	524.2	02/28/06:A209	02/28/2006:A01
EPA 525.2 AGT:1							
Perylene-d12-Surrogate	85.0	70-130	% Rec		525.2	02/19/06:A210	02/28/2006:A01
Benzo(a)pyrene	ND	0.1	ug/L	0.2	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)adipate	ND	1	ug/L	400	525.2	02/19/06:A210	02/28/2006:A01
bis(2-Ethylhexyl)phthalate	ND	3	ug/L	4	525.2	02/19/06:A210	02/28/2006:A01
EPA 531.1 AGT:1,8							
Aldicarb	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfone	ND	4	ug/L	4	531.1	03/08/06:A211	03/09/2006:A02
Aldicarb Sulfoxide	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Carbaryl	ND	5	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Carbofuran	ND	5	ug/L	18	531.1	03/08/06:A211	03/09/2006:A02
3-Hydroxycarbofuran	ND	3	ug/L	3	531.1	03/08/06:A211	03/09/2006:A02
Methomyl	ND	2	ug/L		531.1	03/08/06:A211	03/09/2006:A02
Oxamyl	ND	5	ug/L	50	531.1	03/08/06:A211	03/09/2006:A02

Table continued next page...

March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476-01
Customer ID: 3-2703
Description : MW-9

Sample Results - Organic

Constituents	Results	PQL	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Date/ID
EPA 547 AGT:1 Glyphosate	ND	20	ug/L	700	547	02/23/06:A212	02/24/2006:A02
EPA 548.1 AGT:1 Endothall	ND	40	ug/L	100	548.1	02/22/06:A213	03/01/2006:A03
EPA 549.2 AST:1 Diquat	ND	2	ug/L	20	549.2	02/22/06:A214	02/28/2006:A03
EPA 632 AGT:1 Diuron	ND	0.1	ug/L		632	02/17/06:A226	03/02/2006:A02

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.
MCL = Maximium Contaminat Level. [2] - Secondary Standard.
Containers: (VOA) VOA, (AGT) Amber Glass TFE-Cap, (AST) Amber Silanized-TFE Preservatives: (1) Cool 4°C, (3) HCl pH < 2, (8) Monochloracetic Buffer
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 14, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Description : MW-9
Project : Mariposa Lake

Lab ID : STK631476-01
Customer ID: 3-2703

Sampled On : February 16, 2006-12:30
Sampled By : Jaime Ricci
Received : February 16, 2006-16:45 Stockton
Received : February 17, 2006-10:30
Matrix : Ground Water

Sample Results - Radio

Constituents	Result ± Error	Units	MCL	Preparation Method	Preparation Date/ID	Analysis Method	Analysis Date/ID
Radio Chemistry P:1							
Gross Alpha	3.81 ± 1.65	pCi/L	15*	900.0	02/21/06:A207	900.0	03/01/2006:A01
Gross Beta	4.85 ± 1.19	pCi/L	50	900.0	02/21/06:A207	900.0	03/01/2006:A01
Uranium	7.56 ± 1.66	pCi/L	20	908.0	03/06/06:A218	908.0	03/08/2006:A01

MCL = Maximium Contaminat Level. Containers: (P) Plastic Preservatives: (1) Cool 4°C
* Including Radium but excluding Uranium. (Ref. Title 22 sec. 64441.)

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March 14, 2006

Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Aluminum	200.8	02/20/2006:A	00-ICB	ppb		ND	<10	
			00-CCB	ppb		ND	<10	
			00-ICV	ppb	120.0	94.7%	90-110	
			00-CCV	ppb	100.0	98.2%	90-110	
Antimony	200.8	02/21/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	108%	90-110	
			00-CCV	ppb	100.0	104%	90-110	
Arsenic	200.8		00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	100%	90-110	
			00-CCV	ppb	100.0	100%	90-110	
Barium	200.8		00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	96.1%	90-110	
			00-CCV	ppb	100.0	102%	90-110	
Beryllium	200.8		00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	92.8%	90-110	
			00-CCV	ppb	100.0	99.5%	90-110	
Boron	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	4.000	102%	75-125	
			MSD	mg/L	4.000	118%	75-125	
			MSRPD	mg/L		14.7%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		-0.004	<N/A	
			00-CCB	ppm		0.009	<N/A	
			00-ICV	ppm	5.000	100%	95-105	
			00-CCV	ppm	5.000	105%	90-110	
Cadmium	200.8	02/21/2006:A	00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	102%	90-110	
Calcium	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	12.50	101%	75-125	
			MSD	mg/L	12.50	114%	75-125	
			MSRPD	mg/L		12.7%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	101%	95-105	
			00-CCV	ppm	25.00	105%	90-110	
Chromium	200.8	02/20/2006:A	00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	97.9%	90-110	
			00-CCV	ppb	100.0	99.0%	90-110	
Copper	200.7	02/21/2006:A203	MS	ug/L	800.0	104%	75-125	

Report continued on next page...

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March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Copper	200.7	02/21/2006:A203	MSD	ug/L	800.0	120%	75-125	
			MSRPD	ug/L		13.1%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	100%	95-105	
			00-CCV	ppm	1.000	105%	90-110	
Iron	200.7	02/21/2006:A203	MS	ug/L	4000	102%	75-125	
		(SP 601666-01)	MSD	ug/L	4000	117%	75-125	
			MSRPD	ug/L		13.4%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		-0.006	<N/A	
			00-CCB	ppm		0.02	<N/A	
			00-ICV	ppm	5.000	101%	95-105	
			00-CCV	ppm	5.000	105%	90-110	
Lead	200.8	02/21/2006:A	00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	97.8%	90-110	
			00-CCV	ppb	100.0	99.4%	90-110	
Magnesium	200.7	02/21/2006:A203	MS	mg/L	12.50	98.6%	75-125	
		(SP 601666-01)	MSD	mg/L	12.50	113%	75-125	
			MSRPD	mg/L		13.7%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	99.9%	95-105	
			00-CCV	ppm	25.00	104%	90-110	
Manganese	200.7	02/21/2006:A203	MS	ug/L	800.0	101%	75-125	
		(SP 601666-01)	MSD	ug/L	800.0	117%	75-125	
			MSRPD	ug/L		14.7%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<0.03	
			00-CCB	ppm		ND	<0.03	
			00-ICV	ppm	1.000	100%	95-105	
			00-CCV	ppm	1.000	104%	90-110	
Mercury	7470A	02/20/2006:A212	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	98.5%	85-115	
			MS	ug/L	0.2000	89.4%	75-125	
		(SP 601622-01)	MSD	ug/L	0.2000	82.0%	75-125	
			MDL	ug/L	5.000	-0.3%	50-150	
			MSRPD	ug/L		6.5%	≤20	
			QAMDL	ug/L	5.000	0.0089	0.02	
	245.1	02/20/2006:A	00-ICB	PPT		ND	<20	
			00-CCB	PPT		ND	<20	
			00-ICV	PPT	200.0	106%	90-110	
			00-CCV	PPT	200.0	104%	90-110	
Nickel	200.8	02/20/2006:A	00-ICB	ppb		ND	<1	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Nickel	200.8	02/20/2006:A	00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	97.0%	90-110	
			00-CCV	ppb	100.0	98.1%	90-110	
Potassium	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	12.50	101%	75-125	
			MSD	mg/L	12.50	116%	75-125	
			MSRPD	mg/L		11.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	100%	95-105	
			00-CCV	ppm	25.00	104%	90-110	
Selenium	200.8	02/21/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	102%	90-110	
			00-CCV	ppb	100.0	101%	90-110	
Silver	200.8		00-ICB	ppb		ND	<1	
			00-CCB	ppb		ND	<1	
			00-ICV	ppb	120.0	100%	90-110	
			00-CCV	ppb	100.0	98.8%	90-110	
Sodium	200.7	02/21/2006:A203 (SP 601666-01)	MS	mg/L	12.50	-12.0%	< ¼	408
			MSD	mg/L	12.50	15.2%	< ¼	408
			MSRPD	mg/L		1.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<1	
			00-CCB	ppm		ND	<1	
			00-ICV	ppm	25.00	102%	95-105	
			00-CCV	ppm	25.00	107%	90-110	
Thallium	200.8	02/21/2006:A	00-ICB	ppb		ND	<0.2	
			00-CCB	ppb		ND	<0.2	
			00-ICV	ppb	120.0	91.2%	90-110	
			00-CCV	ppb	100.0	97.4%	90-110	
Vanadium	200.8	02/20/2006:A	00-ICB	ppb		ND	<2	
			00-CCB	ppb		ND	<2	
			00-ICV	ppb	120.0	97.8%	90-110	
			00-CCV	ppb	100.0	99.6%	90-110	
Zinc	200.7	02/21/2006:A203 (SP 601666-01)	MS	ug/L	2000	103%	75-125	
			MSD	ug/L	2000	122%	75-125	
			MSRPD	ug/L		16.9%	≤20.0	
	200.7	02/21/2006:A	00-ICB	ppm		ND	<0.05	
			00-CCB	ppm		ND	<0.05	
			00-ICV	ppm	1.000	99.8%	95-105	
			00-CCV	ppm	1.000	102%	90-110	
Wet Chem								
Bicarbonate	2320B	02/22/2006:A202	Dup	mg/L		0.2%	14.3	
Carbonate	2320B		Dup	mg/L		0.00	10	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Chloride	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	25.00 500.0 500.0	97.7% 104% 104% 0.0%	90-110 93-110 93-110 ≤3.02	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 50.00 25.00	ND ND 103% 100%	<1 <1 90-110 90-110	
Color	2120C	02/17/2006:A208	Dup	units		0.00	5.0	
	2120C	02/17/2006:C	00-CCB 00-CCV	units units	 10.00	ND 100%	<5 90-110	
Cyanide, Total	4500CNCE	03/02/2006:A210 (SP 601676-01)	Blank LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L mg/L	 0.1000 0.05000 0.05000	ND 92.0% -0.9% 0.0% 0.00047	<0.005 90-110 10-155 10-155 ≤0.00500	 435 435
Cyanide	4500CNCE	03/06/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 98.5%	<0.01 90-110	
Fluoride	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	2.500 50.00 50.00	90.0% 94.4% 94.3% 0.1%	90-110 90-109 90-109 ≤4.56	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 5.000 2.500	ND ND 93.8% 90.7%	<0.1 <0.1 90-110 90-110	
Hydroxide	2320B	02/22/2006:A202	Dup	mg/L		0.00	10	
MBAS (foaming agents)	5540C	02/17/2006:A218 (SP 601666-01)	MS MSD MSRPD	mg/L mg/L mg/L	0.1000 0.1000	100% 100% 0.00	90-110 90-110 ≤0.100	
	5540C	02/17/2006:A	00-CCB 00-CCV	mg/L mg/L	 0.1000	ND 100%	<0.1 99-101	
Nitrate	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	20.00 400.0 400.0	98.1% 105% 105% 0.2%	90-110 94-111 94-111 ≤2.71	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 40.00 20.00	ND ND 104% 100%	<0.4 <0.4 90-110 90-110	
Nitrite	300.0	02/17/2006:A215	LCS	mg/L	15.00	98.2%	90-110	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Nitrite	300.0	02/17/2006:A215 (STK631476-01)	MS MSD MSRPD	mg/L mg/L mg/L	300.0 300.0	103% 103% 0.2%	94-109 94-109 ≤2.61	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 30.00 15.00	ND ND 103% 100%	<0.3 <0.3 90-110 90-110	
Odor	2150B	02/17/2006:A222	Dup	TON		0.00	1.0	
pH	4500-H B	02/16/2006:S346	Dup	units		0.4%	4.80	
	4500-H B	02/16/2006:S	00-CCV	units	8.000	100%	95-105	
Specific Conductance	2510B	02/20/2006:A	00-ICB 00-ICV 01-CCV	umhos/cm umhos/cm umhos/cm	 10000 1006	ND 102% 99.9%	<1 95-105 95-105	
Sulfate	300.0	02/17/2006:A215 (STK631476-01)	LCS MS MSD MSRPD	mg/L mg/L mg/L mg/L	50.00 1000 1000	98.6% 105% 105% 0.2%	90-110 96-113 96-113 ≤2.29	
	300.0	02/17/2006:A	00-ICB 00-CCB 00-ICV 00-CCV	ppm ppm ppm ppm	 100.0 50.00	ND ND 104% 101%	<1 <1 90-110 90-110	
Total Alkalinity (as CaCO3)	2320B	02/22/2006:A202	Dup	mg/L		0.2%	9.03	
	2320B	02/22/2006:A	00-CCV 01-CCV	mg/L mg/L	234.9 234.9	93.3% 93.3%	90-110 90-110	
Total Dissolved Solids	2540C	02/20/2006:A235	Blank LCS Dup	mg/L mg/L mg/L	 1000 	ND 99.2% 0.4%	<40 90-110 10.0	
Turbidity	2130B	02/17/2006:A245	Dup	NTU		0.00	0.20	
	2130B	02/17/2006:A	00-CCB 00-CCV	NTU NTU	 2.000	ND 99.5%	<0.2 90-110	

Explanations

355 CCV not within Acceptance Range (AR). Results were reported with client approval.
408 Matrix Spike(MS) or Post Digestion Spike(PDS) has no Acceptance Range (DQO) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Inorganic

Definitions

how that sample matrix affects analyte recovery.

Dup	:	Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL	:	Method Detection Level
ICB	:	Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV	:	Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	:	Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	:	Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND	:	Non-detect - Result was below the DQO listed for the analyte.
< ¼	:	High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO	:	Data Quality Objective - This is the criteria against which the quality control data is compared.

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
DBCP	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.2949	126%	70-130	
			BS	ug/L	0.2949	126%	70-130	
			BSD	ug/L	0.2949	126%	70-130	
			BSRPD	ug/L		0.6%	≤30	
	504.1	02/18/2006:A	02-CCV	ug/L	10.00	138%	70-130	360
			03-CCV	ug/L	10.00	139%	70-130	360
1,3-Dibromopropane-Surrogate	504.1	02/18/2006:A203	Blank	ug/L	0.5868	136%	70-130	565
			LCS	ug/L	0.5868	135%	70-130	565
			BS	ug/L	0.5868	137%	70-130	560
			BSD	ug/L	0.5868	134%	70-130	560
	504.1	02/18/2006:A	02-CCV	ug/L	9.975	148%	70-130	565
			03-CCV	ug/L	9.975	149%	70-130	565
EDB	504.1	02/18/2006:A203	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2949	109%	70-130	
			BS	ug/L	0.2949	111%	70-130	
			BSD	ug/L	0.2949	110%	70-130	
			BSRPD	ug/L		0.7%	≤30	
	504.1	02/18/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Alachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.2	
			LCS	ug/L	5.882	117%	40-148	
			BS	ug/L	5.882	119%	43-145	
			BSD	ug/L	5.882	120%	43-145	
			BSRPD	ug/L		1.0%	≤52.4	
	505	02/17/2006:A	02-CCV	ug/L	100.0	124%	70-130	
			03-CCV	ug/L	100.0	124%	70-130	
Aldrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	109%	48-164	
			BS	ug/L	0.5882	112%	49-155	
			BSD	ug/L	0.5882	113%	49-155	
			BSRPD	ug/L		0.5%	≤33.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	118%	70-130	
			03-CCV	ug/L	10.00	121%	70-130	
Chlordane	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
Dieldrin	505		Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	41-146	
			BS	ug/L	0.5882	105%	47-138	
			BSD	ug/L	0.5882	105%	47-138	
			BSRPD	ug/L		0.5%	≤39.6	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	118%	70-130	
Endrin	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin	505	02/17/2006:A204	LCS	ug/L	0.5882	109%	53-147	
			BS	ug/L	0.5882	110%	53-146	
			BSD	ug/L	0.5882	114%	53-146	
			BSRPD	ug/L		3.5%	≤46.7	
	505	02/17/2006:A	02-CCV	ug/L	10.00	115%	70-130	
			03-CCV	ug/L	10.00	116%	70-130	
Heptachlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	105%	50-157	
			BS	ug/L	0.5882	107%	51-150	
			BSD	ug/L	0.5882	107%	51-150	
			BSRPD	ug/L		0.0%	≤42.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	144%	70-130	360
			03-CCV	ug/L	10.00	108%	70-130	
Heptachlor Epoxide	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	103%	57-145	
			BS	ug/L	0.5882	105%	53-148	
			BSD	ug/L	0.5882	105%	53-148	
			BSRPD	ug/L		0.2%	≤43.3	
	505	02/17/2006:A	02-CCV	ug/L	10.00	119%	70-130	
			03-CCV	ug/L	10.00	120%	70-130	
Hexachlorobenzene	505	02/17/2006:A204	Blank	ug/L		ND	<0.01	
			LCS	ug/L	0.5882	107%	49-156	
			BS	ug/L	0.5882	110%	49-152	
			BSD	ug/L	0.5882	111%	49-152	
			BSRPD	ug/L		1.2%	≤35.0	
	505	02/17/2006:A	02-CCV	ug/L	10.00	112%	70-130	
			03-CCV	ug/L	10.00	113%	70-130	
Hexachlorocyclopentadiene	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5882	81.2%	57-151	
			BS	ug/L	0.5882	77.3%	0-343	
			BSD	ug/L	0.5882	79.4%	0-343	
			BSRPD	ug/L		0.012	≤0.100	
	505	02/17/2006:B	02-CCV	ug/L	10.00	82.8%	70-130	
			03-CCV	ug/L	10.00	81.6%	70-130	
Lindane	505	02/17/2006:A204	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5882	106%	34-161	
			BS	ug/L	0.5882	108%	35-165	
			BSD	ug/L	0.5882	109%	35-165	
			BSRPD	ug/L		0.2%	≤62.1	
	505	02/17/2006:A	02-CCV	ug/L	10.00	122%	70-130	
			03-CCV	ug/L	10.00	122%	70-130	
Methoxychlor	505	02/17/2006:A204	Blank	ug/L		ND	<0.1	
			LCS	ug/L	2.941	110%	48-157	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Methoxychlor	505	02/17/2006:A204	BS BSD BSRPD	ug/L ug/L ug/L	2.941 2.941	111% 115% 3.3%	55-149 55-149 ≤44.5	
	505	02/17/2006:A	02-CCV 03-CCV	ug/L ug/L	50.00 50.00	108% 108%	70-130 70-130	
PCB 1016	505	02/17/2006:A204	Blank	ug/L		ND	<0.5	
PCB 1221	505		Blank	ug/L		ND	<0.5	
PCB 1232	505		Blank	ug/L		ND	<0.5	
PCB 1242	505		Blank	ug/L		ND	<0.5	
PCB 1248	505		Blank	ug/L		ND	<0.5	
PCB 1254	505		Blank	ug/L		ND	<0.5	
PCB 1260	505		Blank	ug/L		ND	<0.5	
Toxaphene	505		Blank	ug/L		ND	<0.5	
Alachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 142% 134% 0.20	<1 70-130 74-218 74-218 ≤1.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	110% 111%	80-120 80-120	
Atrazine	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 157% 165% 152% 8.5%	<0.5 70-130 82-210 82-210 ≤25.5	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	115% 112%	80-120 80-120	
Bromacil	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 167% 150% 0.44	<2 70-130 77-216 77-216 ≤2.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	121% 110%	80-120 80-120	360
Butachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 139% 151% 137% 0.35	<1 70-130 58-222 58-222 ≤1.00	310

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Butachlor	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	114% 113%	80-120 80-120	
Diazinon	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 144% 147% 136% 0.27	<2 70-130 52-199 52-199 ≤2.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	106% 102%	80-120 80-120	
Dimethoate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 155% 165% 151% 0.36	<2 70-130 68-206 68-206 ≤2.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	114% 105%	80-120 80-120	
Metolachlor	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 153% 152% 136% 0.40	<1 70-130 69-215 69-215 ≤1.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	117% 113%	80-120 80-120	
Metribuzin	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 149% 157% 135% 14.2%	<0.5 70-130 67-232 67-232 ≤40.9	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	120% 113%	80-120 80-120	
Molinate	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 167% 167% 169% 0.057	<2 70-130 62-239 62-239 ≤2.00	310
	507	02/23/2006:A	02-CCV 03-CCV	ug/L ug/L	1000 500.0	115% 107%	80-120 80-120	
Prometryn	507	02/20/2006:A205	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 2.500 2.500 2.500	ND 152% 155% 146% 0.22	<2 70-130 76-204 76-204 ≤2.00	310
	507	02/23/2006:A	02-CCV	ug/L	1000	116%	80-120	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Prometryn	507	02/23/2006:A	03-CCV	ug/L	500.0	115%	80-120	
Propachlor	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	160%	70-130	310
			BS	ug/L	2.500	169%	75-219	
			BSD	ug/L	2.500	162%	75-219	
			BSRPD	ug/L		0.17	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	113%	80-120	
			03-CCV	ug/L	500.0	114%	80-120	
Simazine	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	166%	83-211	
			BSD	ug/L	2.500	152%	83-211	
			BSRPD	ug/L		0.37	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	113%	80-120	
			03-CCV	ug/L	500.0	109%	80-120	
Thiobencarb	507	02/20/2006:A205	Blank	ug/L		ND	<1	
			LCS	ug/L	2.500	157%	70-130	310
			BS	ug/L	2.500	159%	78-211	
			BSD	ug/L	2.500	147%	78-211	
			BSRPD	ug/L		0.31	≤1.00	
	507	02/23/2006:A	02-CCV	ug/L	1000	125%	80-120	360
			03-CCV	ug/L	500.0	119%	80-120	
Triphenylphosphate-Surrogate	507	02/20/2006:A205	Blank	ug/L	12.50	76.3%	70-130	
			LCS	ug/L	12.50	84.6%	70-130	
			BS	ug/L	12.50	88.4%	70-130	
			BSD	ug/L	12.50	85.5%	70-130	
	507	02/23/2006:A	02-CCV	ug/L	7500	113%	80-120	
			03-CCV	ug/L	2500	97.3%	80-120	
Bentazon	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	151%	70-130	310
			MS	ug/L	8.000	128%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	125%	70-130	
			MSRPD	ug/L		2.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	157%	70-130	360
			02-CCV	ug/L	80.00	144%	70-130	360
2,4-D	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	144%	70-130	310
			MS	ug/L	8.000	129%	70-130	
		(SP 601318-02)	MSD	ug/L	8.000	122%	70-130	
			MSRPD	ug/L		0.54	≤2.00	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	162%	70-130	360
			02-CCV	ug/L	80.00	148%	70-130	360
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	Blank	ug/L	20.00	104%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4-DCAA-Surrogate	515.3	02/22/2006:A241	LCS	ug/L	20.00	119%	70-130	
			MS	ug/L	20.00	104%	70-130	
		(SP 601318-02)	MSD	ug/L	20.00	101%	70-130	
	515.3	03/02/2006:A	01-CCV	ug/L	200.0	124%	70-130	
			02-CCV	ug/L	200.0	115%	70-130	
Dalapon	515.3	02/22/2006:A241	Blank	ug/L		ND	<10	
			LCS	ug/L	52.00	123%	70-130	
			MS	ug/L	52.00	113%	70-130	
		(SP 601318-02)	MSD	ug/L	52.00	118%	70-130	
			MSRPD	ug/L		4.2%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	520.0	114%	70-130	
			02-CCV	ug/L	520.0	116%	70-130	
Dicamba	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	111%	70-130	
			MS	ug/L	4.000	111%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	109%	70-130	
			MSRPD	ug/L		0.075	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	121%	70-130	
			02-CCV	ug/L	40.00	114%	70-130	
Dinoseb	515.3	02/22/2006:A241	Blank	ug/L		ND	<2	
			LCS	ug/L	8.000	176%	70-130	310
			MS	ug/L	8.000	196%	70-130	435
		(SP 601318-02)	MSD	ug/L	8.000	192%	70-130	435
			MSRPD	ug/L		1.8%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	80.00	125%	70-130	
			02-CCV	ug/L	80.00	117%	70-130	
Pentachlorophenol	515.3	02/22/2006:A241	Blank	ug/L		ND	<0.2	
			LCS	ug/L	4.000	115%	70-130	
			MS	ug/L	4.000	106%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	104%	70-130	
			MSRPD	ug/L		2.5%	≤30.0	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	122%	70-130	
			02-CCV	ug/L	40.00	113%	70-130	
Picloram	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	113%	70-130	
			MS	ug/L	4.000	91.8%	70-130	
		(SP 601318-02)	MSD	ug/L	4.000	80.4%	70-130	
			MSRPD	ug/L		0.46	≤1.00	
	515.3	03/02/2006:A	01-CCV	ug/L	40.00	114%	70-130	
			02-CCV	ug/L	40.00	107%	70-130	
2,4,5-T	515.3	02/22/2006:A241	Blank	ug/L		ND	<1	
			LCS	ug/L	4.000	116%	70-130	
			MS	ug/L	4.000	107%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2,4,5-T	515.3	02/22/2006:A241	MSD MSRPD	ug/L ug/L	4.000	102% 0.22	70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	126% 116%	70-130 70-130	
2,4,5-TP (Silvex)	515.3	02/22/2006:A241 (SP 601318-02)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 4.000 4.000 4.000	ND 116% 109% 106% 0.10	<1 70-130 70-130 70-130 ≤1.00	
	515.3	03/02/2006:A	01-CCV 02-CCV	ug/L ug/L	40.00 40.00	124% 115%	70-130 70-130	
Benzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 80.4% 78.9% 1.8%	<0.5 70-129 70-129 ≤14.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	74.4%	70-130	
Bromobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 115% 113% 1.4%	<0.5 64-140 64-140 ≤17.1	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Bromochloromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 96.6% 97.4% 0.8%	<0.5 63-153 63-153 ≤19.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	88.2%	70-130	
Bromodichloromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 135% 126% 6.8%	<0.5 75-140 75-140 ≤15.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	95.0%	70-130	
4-Bromofluorobenzene-Surrogate	524.2	02/28/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	91.9% 110% 110%	70-130 70-130 70-130	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	110%	70-130	
Bromoform	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 113% 0.7%	<0.5 69-140 69-140 ≤18.7	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	101%	70-130	

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Lab ID : STK631476
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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromomethane	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	74.1%	53-144	
			BSD	ug/L	10.00	84.4%	53-144	
			BSRPD	ug/L		13.1%	≤17.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	71.4%	70-130	
tert-Butanol	524.2	02/28/2006:A209	Blank	ug/L		ND	<2	
			BS	ug/L	50.00	94.6%	42-165	
			BSD	ug/L	50.00	93.0%	42-165	
			BSRPD	ug/L		1.7%	≤38.8	
	524.2	02/28/2006:A	00-CCV	ug/L	40.00	78.1%	70-130	
n-Butylbenzene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	121%	72-117	426
			BSD	ug/L	10.00	125%	72-117	426
			BSRPD	ug/L		3.3%	≤17.8	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	143%	70-130	360
sec-Butylbenzene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	113%	63-118	
			BSD	ug/L	10.00	118%	63-118	
			BSRPD	ug/L		4.2%	≤18.2	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	112%	70-130	
tert-Butylbenzene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	116%	54-129	
			BSD	ug/L	10.00	116%	54-129	
			BSRPD	ug/L		0.2%	≤18.7	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	111%	70-130	
Carbon Tetrachloride	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	136%	51-158	
			BSD	ug/L	10.00	129%	51-158	
			BSRPD	ug/L		4.9%	≤15.0	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	118%	70-130	
Chlorobenzene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	112%	30-160	
			BSD	ug/L	10.00	118%	30-160	
			BSRPD	ug/L		5.6%	≤16.1	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	107%	70-130	
Chloroethane	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	
			BS	ug/L	10.00	80.1%	58-131	
			BSD	ug/L	10.00	86.7%	58-131	
			BSRPD	ug/L		7.9%	≤18.0	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	78.9%	70-130	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chloroform	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 105% 106% 0.2%	<0.5 74-137 74-137 ≤18.2	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	102%	70-130	
Chloromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 124% 121% 2.1%	<0.5 35-131 35-131 ≤23.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	114%	70-130	
2-Chlorotoluene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 112% 115% 3.0%	<0.5 67-126 67-126 ≤16.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	113%	70-130	
4-Chlorotoluene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 113% 3.1%	<0.5 68-124 68-124 ≤17.8	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	104%	70-130	
Di-isopropyl ether (DIPE)	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 87.2% 83.4% 0.38	<3 52-128 52-128 ≤3.00	
	524.2	02/28/2006:A	00-CCV	ug/L	8.000	88.1%	70-130	
Dibromochloromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 103% 103% 0.1%	<0.5 59-139 59-139 ≤22.0	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	90.0%	70-130	
Dibromomethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 111% 110% 1.2%	<0.5 79-155 79-155 ≤17.2	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	93.0%	70-130	
1,2-Dichlorobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 119% 119% 0.5%	<0.5 59-147 59-147 ≤17.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	106%	70-130	

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Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,3-Dichlorobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 115% 119% 3.1%	<0.5 63-137 63-137 ≤16.0	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	108%	70-130	
1,4-Dichlorobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 112% 114% 2.4%	<0.5 60-137 60-137 ≤17.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	106%	70-130	
1,2-Dichlorobenzene-d4-Surrogate	524.2	02/28/2006:A209	Blank BS BSD	ug/L ug/L ug/L	10.00 10.00 10.00	90.3% 123% 117%	70-130 70-130 70-130	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	118%	70-130	
Dichlorodifluoromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 121% 120% 0.6%	<0.5 27-138 27-138 ≤43.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,1-Dichloroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 95.2% 88.8% 6.9%	<0.5 56-121 56-121 ≤15.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	83.7%	70-130	
1,2-Dichloroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 113% 103% 9.3%	<0.5 67-158 67-158 ≤14.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	99.0%	70-130	
1,1-Dichloroethylene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 111% 2.8%	<0.5 62-120 62-120 ≤18.1	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	107%	70-130	
cis-1,2-Dichloroethylene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 91.2% 92.6% 1.5%	<0.5 66-129 66-129 ≤16.1	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	87.4%	70-130	
trans-1,2-Dichloroethylene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
trans-1,2-Dichloroethylene	524.2	02/28/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	101% 102% 1.3%	63-130 63-130 ≤16.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	89.2%	70-130	
Dichloromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 98.4% 92.7% 5.9%	<0.5 74-123 74-123 ≤13.8	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	85.5%	70-130	
1,2-Dichloropropane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 85.3% 89.9% 5.2%	<0.5 57-135 57-135 ≤13.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	89.3%	70-130	
1,3-Dichloropropane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 110% 113% 2.6%	<0.5 41-159 41-159 ≤26.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	92.2%	70-130	
2,2-Dichloropropane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 113% 1.2%	<0.5 57-163 57-163 ≤16.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	123%	70-130	
1,1-Dichloropropene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 97.1% 90.6% 7.0%	<0.5 70-128 70-128 ≤14.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	92.4%	70-130	
cis-1,3-Dichloropropene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 91.4% 92.6% 1.3%	<0.5 61-135 61-135 ≤20.7	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	100%	70-130	
trans-1,3-Dichloropropene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 92.5% 92.7% 0.2%	<0.5 58-146 58-146 ≤25.8	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	81.2%	70-130	
Ethyl Benzene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethyl Benzene	524.2	02/28/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	108% 110% 1.9%	55-136 55-136 ≤15.7	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	105%	70-130	
Ethyl tert-Butyl Ether (ETBE)	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 93.2% 90.6% 0.25	<3 58-119 58-119 ≤3.00	
	524.2	02/28/2006:A	00-CCV	ug/L	8.000	98.3%	70-130	
Hexachlorobutadiene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 137% 138% 0.7%	<0.5 62-165 62-165 ≤20.2	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	152%	70-130	360
Isopropylbenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 116% 7.9%	<0.5 53-127 53-127 ≤16.2	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	114%	70-130	
p-Isopropyltoluene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 112% 113% 0.8%	<0.5 57-128 57-128 ≤19.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Methyl tert-Butyl Ether (MTBE)	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 97.5% 93.8% 3.8%	<1 66-133 66-133 ≤20.3	
	524.2	02/28/2006:A	00-CCV	ug/L	8.000	96.8%	70-130	
Naphthalene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 118% 130% 9.7%	<0.5 22-192 22-192 ≤39.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	92.2%	70-130	
n-Propylbenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 116% 115% 1.5%	<0.5 69-116 69-116 ≤16.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	117%	70-130	
Styrene	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Styrene	524.2	02/28/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	113% 118% 4.1%	50-143 50-143 ≤15.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	106%	70-130	
Tert-amyl-methyl Ether (TAME)	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 84.6% 79.2% 0.54	<3 49-141 49-141 ≤3.00	
	524.2	02/28/2006:A	00-CCV	ug/L	8.000	90.6%	70-130	
1,1,1,2-Tetrachloroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 103% 106% 2.4%	<0.5 52-154 52-154 ≤15.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	96.6%	70-130	
1,1,2,2-Tetrachloroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 114% 115% 1.5%	<0.5 89-169 89-169 ≤27.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	95.6%	70-130	
Tetrachloroethylene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 112% 4.0%	<0.5 55-143 55-143 ≤29.0	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	112%	70-130	
Toluene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 86.9% 124% 35.3%	<0.5 63-134 63-134 ≤16.1	 410
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	115%	70-130	
1,2,3-Trichlorobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 140% 152% 7.7%	<0.5 54-165 54-165 ≤22.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	102%	70-130	
1,2,4-Trichlorobenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 138% 141% 2.2%	<0.5 59-151 59-151 ≤21.3	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	112%	70-130	
1,1,1-Trichloroethane	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
1,1,1-Trichloroethane	524.2	02/28/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	119% 116% 2.4%	56-171 56-171 ≤16.4	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	122%	70-130	
1,1,2-Trichloroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 113% 120% 5.4%	<0.5 44-165 44-165 ≤24.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	96.1%	70-130	
Trichloroethylene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 103% 5.4%	<0.5 69-133 69-133 ≤16.8	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	98.9%	70-130	
Trichlorofluoromethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 130% 133% 2.4%	<0.5 40-173 40-173 ≤19.5	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	122%	70-130	
1,2,3-Trichloropropane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 108% 105% 2.3%	<0.5 63-162 63-162 ≤19.1	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	89.9%	70-130	
1,1,2-Trichlorotrifluoroethane	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 115% 111% 3.3%	<0.5 58-150 58-150 ≤16.9	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	118%	70-130	
1,2,4-Trimethylbenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 109% 111% 1.6%	<0.5 65-126 65-126 ≤17.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	106%	70-130	
1,3,5-Trimethylbenzene	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 10.00 10.00	ND 111% 115% 3.8%	<0.5 64-125 64-125 ≤16.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	111%	70-130	
Vinyl Chloride	524.2	02/28/2006:A209	Blank	ug/L		ND	<0.5	

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Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Chloride	524.2	02/28/2006:A209	BS BSD BSRPD	ug/L ug/L ug/L	10.00 10.00	79.0% 78.7% 0.5%	47-124 47-124 ≤18.6	
	524.2	02/28/2006:A	00-CCV	ug/L	10.00	77.1%	70-130	
Xylenes m,p	524.2	02/28/2006:A209	Blank BS BSD BSRPD	ug/L ug/L ug/L ug/L	 20.00 20.00	ND 107% 110% 2.7%	<0.5 43-151 43-151 ≤16.1	
	524.2	02/28/2006:A	00-CCV	ug/L	20.00	106%	70-130	
Benzo(a)pyrene	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 111% 104% 110% 5.4%	<0.1 70-130 70-130 70-130 ≤30.0	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	81.0%	70-130	
bis(2-Ethylhexyl)adipate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 93.4% 96.6% 91.7% 0.25	<1 70-130 70-130 70-130 ≤1.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	78.0%	70-130	
bis(2-Ethylhexyl)phthalate	525.2	02/19/2006:A210	Blank LCS BS BSD BSRPD	ug/L ug/L ug/L ug/L ug/L	 5.000 5.000 5.000	ND 94.5% 98.3% 98.6% 0.019	<3 70-130 70-130 70-130 ≤3.00	
	525.2	02/28/2006:A	00-CCV	mg/L	2.000	71.0%	70-130	
Perylene-d12-Surrogate	525.2	02/19/2006:A210	Blank LCS BS BSD	ug/L ug/L ug/L ug/L	5.000 5.000 5.000 5.000	86.5% 89.5% 84.0% 85.7%	70-130 70-130 70-130 70-130	
	525.2	02/28/2006:A	00-CCV	mg/L	5.000	88.9%	70-130	
Aldicarb	531.1	03/08/2006:A211 (VI 640223-01)	Blank LCS MS MSD MSRPD	ug/L ug/L ug/L ug/L ug/L	 10.00 10.00 10.00	ND 99.0% 103% 91.8% 1.1	<3 80-120 65-135 65-135 ≤3.00	
	531.1	03/08/2006:A	01-CCV 02-CCV	ug/L ug/L	20.00 10.00	94.6% 86.5%	80-120 80-120	
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	Blank LCS	ug/L ug/L	 20.00	ND 96.0%	<3 80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Aldicarb Sulfone/Sulfoxide	531.1	03/08/2006:A211	MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
	531.1	03/08/2006:A	01-CCV	ug/L	40.00	94.0%	80-120	
			02-CCV	ug/L	20.00	92.3%	80-120	
	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	20.00	96.0%	80-120	
			MS	ug/L	20.00	94.6%	65-135	
		(VI 640223-01)	MSD	ug/L	20.00	91.2%	65-135	
			MSRPD	ug/L		3.7%	≤28.3	
Carbaryl	531.1		Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	113%	80-120	
			MS	ug/L	10.00	107%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	106%	65-135	
			MSRPD	ug/L		0.14	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	105%	80-120	
			02-CCV	ug/L	10.00	102%	80-120	
Carbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	104%	80-120	
			MS	ug/L	10.00	90.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	91.5%	65-135	
			MSRPD	ug/L		0.11	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	100%	80-120	
			02-CCV	ug/L	10.00	93.2%	80-120	
3-Hydroxycarbofuran	531.1	03/08/2006:A211	Blank	ug/L		ND	<3	
			LCS	ug/L	10.00	92.7%	80-120	
			MS	ug/L	10.00	87.4%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	86.3%	65-135	
			MSRPD	ug/L		0.11	≤3.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	95.0%	80-120	
			02-CCV	ug/L	10.00	88.3%	80-120	
Methomyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<2	
			LCS	ug/L	10.00	96.3%	80-120	
			MS	ug/L	10.00	86.7%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	79.9%	65-135	
			MSRPD	ug/L		0.68	≤2.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	93.2%	80-120	
			02-CCV	ug/L	10.00	87.7%	80-120	
Oxamyl	531.1	03/08/2006:A211	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	105%	80-120	
			MS	ug/L	10.00	105%	65-135	
		(VI 640223-01)	MSD	ug/L	10.00	97.9%	65-135	
			MSRPD	ug/L		0.67	≤5.00	
	531.1	03/08/2006:A	01-CCV	ug/L	20.00	107%	80-120	

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Oxamyl	531.1	03/08/2006:A	02-CCV	ug/L	10.00	98.6%	80-120	
Glyphosate	547	02/23/2006:A212	Blank	ug/L		ND	<20	
			LCS	ug/L	100.0	105%	49-164	
			MS	ug/L	100.0	5.7%	57-160	435
		(STK631375-01)	MSD	ug/L	100.0	4.2%	57-160	435
			MDL	ug/L	20.00	145%	50-150	
			MSRPD	ug/L		1.4	≤20.0	
			QAMDL	ug/L	20.00	230	20	
	547	02/23/2006:A	01-CCV	ug/L	200.0	105%	80-120	
			02-CCV	ug/L	100.0	106%	80-120	
Endothall	548.1	02/22/2006:A213	Blank	ug/L		ND	<40	
			LCS	ug/L	83.33	84.5%	10-125	
			MS	ug/L	83.33	44.5%	0- 90	
		(SP 601676-01)	MSD	ug/L	83.33	49.4%	0- 90	
			MSRPD	ug/L		4.1	≤40.0	
	548.1	02/28/2006:A	02-CCV	ug/L	1000	104%	70-130	
			03-CCV	ug/L	1000	94.2%	70-130	
Diquat	549.2	02/22/2006:A214	Blank	ug/L		ND	<2	
			LCS	ug/L	20.00	67.9%	0-143	
			MS	ug/L	20.00	59.5%	14-130	
		(SP 601676-01)	MSD	ug/L	20.00	54.4%	14-130	
			MSRPD	ug/L		8.9%	≤30	
	549.2	02/28/2006:A	02-CCV	ug/L	1000	124%	80-120	360
			03-CCV	ug/L	500.0	146%	80-120	360
Diuron	632	02/17/2006:A226	Blank	ug/L		ND	<0.1	
			LCS	ug/L	1.000	70.2%	51- 96	
			BS	ug/L	1.000	82.9%	33-102	
			BSD	ug/L	1.000	74.5%	33-102	
			BSRPD	ug/L		10.6%	≤64.5	
	632	03/01/2006:A	01-CCV	ug/L	500.0	96.7%	90-110	
			02-CCV	ug/L	1000	97.3%	90-110	

Explanations

310 LCS above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
360 CCV above Acceptance Range (AR). Samples which were non detect for this analyte were accepted.
410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.
435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
560 Surrogate percent recoveries not within the Acceptance Range (AR) due to suspected matrix interferences.
565 Surrogate percent recoveries not within the Acceptance Range (AR). Please see Case Narrative for explanation.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte

Definitions are continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Organic

Definitions

recovery.

MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

MDL : Method Detection Level

ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.

CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.

ND : Non-detect - Result was below the DQO listed for the analyte.

< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

Report continued on next page...

March 14, 2006
Kleinfelder Inc.

Lab ID : STK631476
Customer : 3-2703

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Gross Alpha	900.0	02/21/2006:A207	Blank	pCi/L		ND	<1	
			LCS	pCi/L	53.10	81.4%	75-125	
			BS	pCi/L	53.10	72.2%	60-140	
			BSD	pCi/L	53.10	48.6%	60-140	426
			BSRPD	pCi/L		39.3%	≤30	410
Alpha-α	900.0	02/28/2006:A	00-CCB	cpm		ND	.073±.066	
			00-CCV	cpm	12450	40.5%	41.0±5.0	
Gross Beta	900.0	02/21/2006:A207	Blank	pCi/L		ND	<4	
			LCS	pCi/L	111.6	96.5%	75-125	
			BS	pCi/L	111.6	96.2%	80-130	
			BSD	pCi/L	111.6	111%	80-130	
			BSRPD	pCi/L		14.5%	≤30	
Beta-ß	900.0	02/28/2006:A	00-CCB	cpm		0.40	.283±.15	
			00-CCV	cpm	12450	89.0%	88.9±5.0	
Uranium	908.0	03/06/2006:A218	RgBlk	pCi/L		0.12	1	
			LRS	pCi/L	10.49	97.5%	46-100	
			BS	pCi/L	10.49	106%	75-125	
			BSD	pCi/L	10.49	94.2%	75-125	
			BSRPD	pCi/L		11.6%	≤20	
Alpha-α	908.0	03/08/2006:A	00-CCB	cpm		ND	.0513±.057	
			00-CCV	cpm	24360	47.6%	50.0±5.0	

Explanations

410 Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.

426 Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Definitions

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
LRS : Laboratory Recovery Standard
MS/MSD : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS/BSD : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MDL : Method Detection Level
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
ND : Non-detect - Result was below the DQO listed for the analyte.
< ¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

FGL ENVIRONMENTAL

Analytical Chemists

March 9, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

STK0631476:1 **COLIFORM BACTERIA ANALYSIS**
Customer ID : 3-2703

System Number :
Project Name : Mariposa Lake

Sample Handling Information

ID	Sample Number	Sample Description	Sample Type/Reason	Sampled By	Employed By	Sampled	Started	Finished
1	STK0631476-001	MW-9	Source-Other	Jaime Ricci	Kleinfelder	02/16/2006 12:30	02/16/2006 16:58 ct	2006-02-19 ct

Analytical Results

ID	Sample Description	Chlorine Total/Free	Temp °C	Method	Units	Total	Fecal	Person	Date	Time	Foot Note
1	MW-9	---	---	SM 9221B	MPN/100ml	>23.0 PRESENT	<1.1 ABSENT	N/R			

N/R Not Required. MPN Most Probable Number A/P Absence/Presence

The samples listed below had failures for Total and/or Fecal Coliform as listed:
MW-9 Total Coliform - Failure.

Treatment: Guidance on well cleanup will be faxed upon requested. Alternatively, we suggest that you contact a qualified well service company

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

FGL ENVIRONMENTAL

RRH:SMH

Raquel R. Harvey

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
FAX: (805) 525-4172

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Stockton, CA 95215
TEL: (209) 942-0181
FAX: (209) 942-0423

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399
FAX: (559) 734-8435

ENVIRONMENTAL

ANALYTICAL CHEMISTS

March 10, 2006

Kleinfelder Inc.
2825 East Myrtle Street
Stockton, CA 95205

Subject: Dioxin Analysis - FGL Lab. No. STK 631476

Enclosed are the results of dioxin analysis for your sample received February 16, 2006.

Please note that the analyses were performed by Severn Trent Laboratories, Inc..

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental

Kelly A. Dunnahoo
Laboratory Director

KAD:kdm

Enclosure

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SEVERN TRENT STL®

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Tel: 916 373 5600 Fax: 916 372 1059
www.stl-inc.com

February 26, 2006

STL SACRAMENTO PROJECT NUMBER: G6B180127
PO/CONTRACT:

Vickie Taylor
FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93060-0272

Dear Ms. Taylor,

This report contains the analytical results for the sample received under chain of custody by STL Sacramento on February 17, 2006. This sample is associated with your 631476-(3-2703) project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6B180127

There were no anomalies associated with this project.

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUAN1
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Updated 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

SAMPLE SUMMARY

G6B180127

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HXP2T	001	MW-9	02/16/06	12:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G6B180127

FGL ENVIRONMENTAL

Special Subcontract to STL Sacramento

www.fglinc.com

CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

Client: Fruit Growers Laboratory, Inc.

Address: FGL Environmental
853 Corporation Street
P.O. Box 272
Santa Paula, CA 93061-0272

Phone: (805)392-2000 Fax: (805)525-4172

Contact Person:

Project Name: 631476 - (3-2703)

Purchase Order Number:

Quote Number: ST20051021_01

Sampler(s) Jaime Ricci

Sampling Fee: _____ Pickup Fee: _____

Lab Number:

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Method of Sampling: Composite(C) Grab(G)
Type of Sample **SEE REVERSE SIDE**
Potable(P) Non-Potable(NP) Ag Water(AgW)
Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling	Type of Sample	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti: Routine(ROUT)	Repeat(RPT)	Replace(RPL)	Other(O)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
1	MW-9	2/16/06	1230	G	GW								2

RECEIVED IN GOOD CONDITION UNDER COC
FEB 17 2006
INI. N

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Dr	2/16/06	1700						

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Calowey	2/16/06	1700	[illegible]	2-17-06	1330			

STL Sacramento (916) 373 - 5600

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P.O. Box 272 / 853 Corporation Street
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Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399
FAX: (559) 734-8435

SEVERN TRENT **STL**

LOT RECEIPT CHECKLIST
STL Sacramento

CLIENT FGL PM KD LOG # 37273

LOT# (QUANTIMS ID) G6B180127 QUOTE# 36647 LOCATION W13B

		Initials	Date
DATE RECEIVED 2-17-06 TIME RECEIVED 915		CD	2-17-06
DELIVERED BY	☐ FEDEX ☑ CA OVERNIGHT ☐ CLIENT ☐ AIRBORNE ☐ GOLDENSTATE ☐ DHL ☐ UPS ☐ BAX GLOBAL ☐ GO-GETTERS ☐ STL COURIER ☐ COURIERS ON DEMAND ☐ OTHER		
CUSTODY SEAL STATUS	☐ INTACT ☐ BROKEN ☑ N/A		
CUSTODY SEAL #(S)			
SHIPPPING CONTAINER(S)	☐ STL ☑ CLIENT ☐ N/A		
TEMPERTURE RECORD (IN °C)	IR 1 ☑ 3 ☐ ☐ OTHER		
COC #(S)	NA		
TEMPERATURE BLANK	Observed: NA Corrected:		
SAMPLE TEMPERATURE	Observed: 2 2 2 Average: 2 Corrected Average: 2		
COLLECTOR'S NAME:	☐ Verified from COC ☑ Not on COC		
pH MEASURED	☐ YES ☐ ANOMALY ☑ N/A		
LABELED BY			2-18-06
LABELS CHECKED BY			
PEER REVIEW	☑ NA		
SHORT HOLD TEST NOTIFICATION	SAMPLE RECEIVING		
	WETCHEM ☑ N/A		
	VOA-ENCORES ☑ N/A		
☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL	☑ N/A		
☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES	☐ N/A		
☐ Clouseau	☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A		
☐ WET ICE	☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☐ PM NOTIFIED		

Notes:

*1 Acceptable temperature range for State of Wisconsin samples is ≤ 4°C.

SEVERN TRENT STL

Bottle Lot Inventory

Lot ID: G6B180127

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB	2																			
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FGL ENVIRONMENTAL

Client Sample ID: MW-9

Trace Level Organic Compounds

Lot-Sample #...: G6B180127-001 **Work Order #...:** HXP2T1AA **Matrix.....:** WATER
Date Sampled...: 02/16/06 **Date Received..:** 02/17/06
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	116	(25 - 141)

QC DATA ASSOCIATION SUMMARY

G6B180127

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	EPA-5 1613B-Tetra		6052391	

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180127 **Work Order #...:** HXT2H1AA **Matrix.....:** WATER
MB Lot-Sample #: G6B210000-391

Prep Date.....: 02/21/06
Analysis Date..: 02/23/06 **Prep Batch #...:** 6052391

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	5.0	pg/L	EPA-5 1613B-Tetra

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	78	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180127 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	**200**	**200**	**pg/L**	**100**	**EPA-5 1613B-T**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G6B180127 **Work Order #...:** HXT2H1AC **Matrix.....:** WATER
LCS Lot-Sample#: G6B210000-391
Prep Date.....: 02/21/06 **Analysis Date..:** 02/23/06
Prep Batch #...: 6052391

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	**100**	**(73 - 146)**	**EPA-5 1613B-Tetras**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	87	(25 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

FGL ENVIRONMENTAL

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CHAIN OF CUSTODY

Laboratory Copy (1 of 3)

32928:02/14/2006

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Client: **Kleinfelder Inc.**

Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621

Contact Person: Joe Zilles

Project Name: **Mariposa Lake**

Purchase Order Number:

Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631476 **3-2703**

Method of Sampling: Composite(C) Grab(G)

SEE REVERSE SIDE Type of Sample

Potable(P) Non-Potable(NP) Ag Water(AgW)

Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	**SEE REVERSE SIDE** Type of Sample	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	EPA 504.1-DBCP,EDB 40ml(VOA)	EPA 524.2 40ml(VOA)-HCl	EPA 525.2 1000ml(AGT)	Coliform - Colilert P/A 120ml(PBa)-Na2S2O3	General Mineral pH - Analyze in STK 8oz(P), 16oz(P), 8oz(P)-H2SO4	Metals, Total-Al,Sb,As,Ba,Be,Cd,Pb,Hg,Ni,Se,Ag,Tl,V 500ml(P)-HNO3	Wet Chemistry-Color,Cyanide,Odor,Turbidity 16oz(P), 16oz(P)-NaOH	EPA 505 40ml(VOA)	EPA 507 1000ml(AGT)	EPA 515 1000ml(AGT)	EPA 531.1 40ml(AGT)-Monochloracetic Buffer	EPA 547 125ml(AGT)	EPA 548.1 1000ml(AGT)	EPA 549-Diquat 1000ml(AST)
0	Travel Blank	2/16/06	1230	G	LBW			2	2	1											
1	MW-9	2/16/06	1230	G	GW			2	2	1	1	1,1,1	1	1,1	2	1	1	1	1	1	1

Remarks: **Multiple Chains**
HNO_3 Field Filtered
1 of 2 10[00] Subtreight

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645	DS	2/16/06	1700	[illegible]	2/17/06	1030
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
DS	2/16/06	1645	Calovey	2/16/06	1700	[illegible]	2/17/06	1080

Corporate Offices & Laboratory
P.O. Box 272 / 853 Corporation Street
Santa Paula, CA 93061-0272
TEL: (805) 392-2000
FAX: (805) 525-4172

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0182

Field Office
Visalia, California
TEL: (559) 734-9473
Mobile: (559) 737-2399

FGL ENVIRONMENTAL

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CHAIN OF CUSTODY
Laboratory Copy (1 of 3)

32928:02/14/2006

Client: **Kleinfelder Inc.**
Address: 2825 East Myrtle Street
Stockton, CA 95205

Phone: (209)948-1345 x266 Fax: (209)948-0621
Contact Person: Joe Zilles
Project Name: **Mariposa Lake**
Purchase Order Number:
Quote Number: **ST20051021_01**

Sampler(s) Jaime Ricci (Kleinfelder)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **STK** 631476 **3-2703**

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O)	EPA 632 1000ml(AGT)	Radio Chemistry-Gross Alpha,Gross Beta 32oz(P)	Dioxin - HR, EPA 1613B - 2,3,7,8, TCDD 1000ml(AGT)
0	Travel Blank	2/16/06	1230	G	LBW					
1	MW-9	2/16/06	12-30	G	GW			1	1	Sub-2

Remarks: **Multiple Chains**

2 of 2

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Jaime Ricci	2/16/06	1645	DR	2/16/06	1700			

Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
DR	2/16/06	1645	Calover	2/16/06	1700			

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TEL: (209) 9[redacted]32
FAX: (209) 94[redacted]

Field Office
Visalia,[redacted]nia
TEL: (5[redacted]4-9473

Stockton - Condition Upon Receipt (Attach to COC)

Sample Receipt at STK:

1. Number of ice chests/packages received: RRT
2. Were samples received in a chilled condition? Temps: _____ / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received..
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): DY

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 3 / _____ / _____ / _____ / _____
   Acceptable is above freezing to 6° C. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
2. Do the number of bottles received agree with the COC? ~~Yes~~ No N/A
3. Were samples received intact? (i.e. no broken bottles, leaks etc.) ~~Yes~~ No
4. Were sample custody seals intact? ~~N/A~~ Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ~~Yes~~ No
2. Did bottle labels correspond with the client's ID's? ~~Yes~~ No
3. Were all bottles requiring sample preservation properly preserved? ~~Yes~~ No N/A FGL
4. Were all analyses within holding times at time of receipt? ~~Yes~~ No
5. Have rush or project due dates been checked and accepted? ~~N/A~~ Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials): [illegible]

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted:_____ Phone Number:
   Initiated By:_____
   Problem:

   Resolution:

(3-2703)
Kleinfelder Inc.
STK0631476
IV-02/17/2006-08:44:10