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March 26, 2007
File No. 78200-1

Mr. Faizi Pourhosseini
State of California
Department of General Services
RESD/PSB/Seismic & Special Programs
707 3rd Street, Suite 4-430
West Sacramento, California 95605

Subject: Soil and Groundwater Investigation
California Highway Patrol – Oakland
3601 Telegraph Avenue, Oakland, California, 94609

Dear Mr. Pourhosseini:

This report describes the sampling activities and the analytical results for the January 24 and January 25, 2007 soil and groundwater investigation performed at the California Highway Patrol – Oakland facility located at 3601 Telegraph Avenue, Oakland, California (Plate 1). The objectives of this investigation included the following: (1) assessing the presence and extent of lead impacted soil and groundwater associated with a demolished gun range building at the CHP Oakland facility; and (2) assessing the potential presence of hydrocarbon impacts to soil and groundwater associated with an underground storage tank (UST) located at the facility.

This report presents descriptions of the Geoprobe soil and groundwater sampling for 12 borings, analytical results for soil and groundwater samples, and conclusions based on the results.

BACKGROUND

A shooting range building was present at the CHP Oakland facility. Following abatement and demolition of the building in June 2006, Mr. Gary Moore, the Department of General Services (DGS) project manager for the demolition, notified the CHP Facilities Section that approximately 10 inches of lead-contaminated soil had been removed along the south side of the building during demolition activities. Analytical results for lead in confirmation samples collected during demolition activities indicated that remaining soil may be impacted by residual lead concentrations (Appendix A). DGS requested additional assessment of lead at the site.

One underground gasoline storage tank (UST) is present at the site. DGS requested that soil and groundwater in the vicinity of the tank be analyzed for the potential presence of petroleum hydrocarbons.

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Kleinfelder developed a work plan to evaluate the soil and groundwater at the site as requested by DGS. The work plan included the following tasks:

Task 1	File Review of Site and Project Setup
Task 2	Preparation and Submittal of Work Plan
Task 3	Pre-Field Activities
Task 4	Geoprobe Soil and Groundwater Sampling
Task 5	Prepare Report of Findings for Geoprobe Sampling

The proposed work plan was submitted to DGS on October 11, 2006. This report (Task 5) describes the activities and findings for Task 1 (File Review of Site and Project Set up), Task 2 (Preparation and Submittal of Work Plan), Task 3 (Pre-Field Activities), and Task 4 (Geoprobe Soil and Groundwater Sampling).

FILE REVIEW FOR THE SITE AND PROJECT SET UP

The Alameda County Department of Environmental Health (ACDEH) and the City of Oakland Fire Department-Fire Prevention Bureau (FD) were contacted to inquire if records were available for the CHP Oakland site. The ACDEH did not possess files pertaining to the site. The City of Oakland FD had files regarding the site.

The results of the City of Oakland FD file review for the site indicated that one 12,000-gallon fiberglass UST containing gasoline has been present at the site since 1975. A piping leak was detected during the UST test activities on November 28, 1988. On March 19, 1997, a UST leak was discovered during the tank upgrade. A soil sample collected at the site on March 19, 1997 was submitted for total petroleum hydrocarbons (TPH) as gasoline and benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses. The results for this sample indicated the presence of TPH as gasoline and total xylenes at concentrations of 110 milligrams per kilogram (mg/kg) and 0.13 mg/kg, respectively. The UST unauthorized release (leak) contamination report dated April 16, 1997, indicated that no action was required at the site due to low concentrations of constituents. Copies of the files reviewed are presented in Appendix A.

PREFIELD ACTIVITIES

On January 16, 2007, Alameda County Public Works Agency issued a Water Resources Well Permit for the site. A copy of this permit is included in Appendix B. Prior to subsurface activities, Kleinfelder conducted a site visit to evaluate Geoprobe rig access and to mark proposed boring locations with white paint. Kleinfelder contacted Underground Service Alert (USA) 48 hours prior to conducting field work to notify local utilities of the subsurface assessments. On January 22, 2007, to further assess subsurface structures buried under the site, a private utility locator (California Utility Surveys) marked subsurface anomalies. After evaluating the USA utility and private utility markings relative to the proposed boring locations, Kleinfelder met with the CHP Oakland site personnel to obtain approval for proposed boring locations and discuss potential subsurface utility locations that may not have been located by USA subscribers.

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GEOPROBE SOIL AND GROUNDWATER SAMPLING

On January 24 and 25, Geoprobe soil and groundwater sampling was conducted at the site using temporary probes to estimate the extent and concentration of lead along the south side of the demolished building, and petroleum hydrocarbons in the vicinity of the UST.

On January 24, 2007, Kleinfelder met EnProbe (Geoprobe contractor) at the site to conduct the soil and groundwater sampling. Following check-in, a brief health and safety (H&S) meeting was conducted by Kleinfelder.

To assess the potential presence of petroleum hydrocarbons in the vicinity of the UST, seven temporary probes were advanced until groundwater was encountered. These seven UST borings were designated CHP-1, -6, -8, -9, -10, -11, and -12 (Plate 2). Refusal was encountered at the UST boring CHP-7 at approximately 10 inches below ground surface (bgs). Therefore, the work at CHP-7 was discontinued.

To assess the presence of lead along the south side of the demolished building, five temporary probes, including the UST boring CHP-1, were advanced to a maximum depth of 20 feet. These five lead borings were designated CHP-1, -2, -3, -4, and -5 (Plate 2).

Soil and groundwater samples were collected from the UST and the lead investigation borings by direct push method. The Geoprobe soil sampler consisted of a hollow rod with plastic tubing inside. The probe was driven/pushed at the desired depth, over a 4-foot interval, while the soil sample was collected and contained inside the plastic tubing. Once the sample was brought to the surface, the desired sample interval was obtained, and the ends of the tubing were sealed with Teflon sheeting and plastic caps. A groundwater sample was collected from eleven of the twelve Geoprobe borings. Temporary PVC pipe and screen were inserted into each boring to prevent the sides of the borehole from collapsing so that groundwater could enter the borehole and be sampled. The groundwater samples were collected by placing new plastic tubing down the PVC pipe and using a ball-check valve (placed at the bottom of the tubing) to remove and transfer water into bottles prepared by the laboratory. Soil and groundwater sample containers were labeled and placed in an iced cooler, pending transfer to the laboratory for analysis under chain-of-custody protocol.

To reduce the potential for cross-contamination, Geoprobe pipe and associated equipment were steam cleaned prior to advancing each boring. In addition, sampling equipment was cleaned with Alconox solution wash and rinsed with distilled water prior to collecting each soil sample. Upon completion of Geoprobe sampling, the borings were backfilled with a cement/bentonite grout. If groundwater was present in the borings, a tremie pipe was used to place the grout below the top of groundwater.

On January 24, 2007, Ms. Vicky Hamlin of Alameda County Public Works Agency conducted the site inspection at the site. Ms. Hamlin observed and approved the grouting method performed at the site.

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A photoionization detector (PID) was used to provide a qualitative screening of the bottom of each soil sampling interval collected from the borings. The PID measures ionizable compounds in the air in parts per million by volume (ppmv). The soil contained in the sampler was exposed and screened with the PID. PID readings ranging from 1.1 ppmv to 13.0 ppmv were observed at borings CHP-2, 3, and 9 through 12. The PID readings were recorded on the Sample Data Sheets, which are included in Appendix C. Gasoline odor was noted in boring CHP-8 while sampling. Stained soil with mild hydrocarbon odor was noted in boring CHP-10 at a depth of approximately 16 feet bgs. No odors or stains were observed in the other boring locations.

At each UST boring, soil samples were collected at the interval with the highest PID reading, or just above the water table. At each lead boring, one soil sample was collected at the surface and one soil sample was collected at approximately 3 feet bgs. Groundwater was observed between 15.5 and 19.5 feet bgs, and was encountered in all the borings.

While sampling, a Kleinfelder geologist logged and classified the soil and samples for laboratory analysis. The soil types encountered at the site were generally laterally continuous. Soft clay was present from approximately 2 feet bgs to 4 feet bgs. The soft clay was underlain by a stiff clay and clay with sand to approximately 11 feet bgs. At 11 feet bgs, well graded sand bearing groundwater was encountered. The well-graded sand contained some lenses of sandy and/or silty clay. Poorly graded, fine-grained sand was encountered in each boring except for CHP-2. The poorly graded sand was saturated and continued to termination at 19-20 feet bgs. In boring CHP-2, the well-graded sand was encountered to termination at 20 feet bgs.

Surface conditions at the site consisted of a paved parking and gasoline fueling area and an unpaved area where the soil was graded following demolition of the gun range building. The paved area consisted of approximately 4-inch thick asphalt concrete underlain by approximately 2 feet of aggregate road base. Site photographs are presented in Plate 3.

LABORATORY ANALYSIS

Twenty-three soil samples and eleven groundwater samples from the Geoprobe borings were transported under chain-of-custody documentation and transferred to a representative of Kiff Analytical Laboratory in Davis, California. The samples were submitted for the analyses described below.

Lead investigation soil and groundwater samples were analyzed for total and dissolved lead, respectively, by United States Environmental Protection Agency (EPA) Method 6010 (EPA 1996). Based on the lead results for soil samples collected at borings CHP-1, -2, and -4 between 2.5 and 3.0 feet bgs, the following additional analyses were performed at deeper intervals in these borings:

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- Six (6) soil samples collected from borings CHP-1, -2, and -4 at depths of 3.5 to 4.0 feet bgs and 5.0 to 5.5 feet bgs (Table 1) were analyzed for total lead by EPA Method 6010 to assess the vertical extent of lead contamination.
- Three (3) soil samples from borings CHP-1, -2, and -4 were analyzed for soluble lead de-ionized (DI) water Waste Extraction Test (WET) analysis (Table 1).

UST investigation soil and groundwater samples were analyzed for the following constituents:

- TPH as Gasoline (EPA 8260B).
- BTEX (EPA 8260B).
- Five Fuel Oxygenates (Methyl Tertiary Butyl Ether [MTBE], Tert-amyl methyl ether [TAME], Tert-butyl Alcohol [TBA], Di-Isopropyl ether [DIPE], Ethyl t-butyl ether [ETBE]) (EPA 8260B).
- Fuel Additives Ethylene Dibromide (EDB) and 1,2-Dichloroethane (1,2-DCA) (EPA 8260B).
- Total (soil) and dissolved (groundwater) lead (EPA 6010).

The samples were analyzed on a standard turnaround schedule.

ANALYTICAL RESULTS

Analytical results for soil and groundwater samples collected during the January 24 and January 25, 2007 sampling are presented in Tables 1 through 4. Tables 1 and 2 present the analytical results for total lead and petroleum hydrocarbon constituents for soil samples, respectively. Tables 3 and 4 present the analytical results for dissolved lead and petroleum hydrocarbon constituents for groundwater samples, respectively. Copies of analytical laboratory reports and chain-of-custody forms are included in Appendix D.

Analytical results for soil and groundwater samples collected during this investigation were compared to the San Francisco Bay Regional Water Quality Control Board's (RWQCB) Environmental Screening Levels (ESLs) (RWQCB 2005). The ESLs are considered to be conservative values. The concentrations of chemicals below the corresponding ESLs can be assumed to not pose a significant, chronic threat to human health or the environment. The ESLs referenced were for residential sites where groundwater is not a current or potential source of drinking water.

Results of the chemical analyses of the samples indicated the following:

Soil samples

- Lead was detected in each of the soil samples collected. The maximum total lead concentrations of 125 mg/kg, 64.2 mg/kg, and 562 mg/kg were detected at locations CHP-1, -2, and -4, respectively, at a depth between 2.5 and 3 feet bgs (Table 1). The concentration of lead at location CHP-4 is 562 mg/kg, which is

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above the ESL of 150 mg/kg for residential land use, but below the corresponding commercial/industrial land use ESL of 750 mg/kg, where groundwater is not a current or potential source of drinking water (Table 1, Plate 2).

- Analytical results for six soil samples collected from deeper intervals at locations CHP-1,-2, and -4 indicated that the concentrations of lead at these locations decrease with depth. In particular, the maximum lead concentration of 56.6 mg/kg was observed in the sample collected at location CHP-4 at a depth between 3.5 and 4.0 feet bgs (Table 1). Concentrations of lead in soil samples collected at locations CHP-1, -2, and -4 at a depth between 5.0 and 5.5 feet bgs were 5.43 mg/kg, 5.08 mg/kg, and 5.26 mg/kg, respectively (Table 1).
- Soluble lead at concentration of 0.116 mg/L was observed at location CHP-1 between 2.5 and 3 feet bgs (Table 1). Soluble lead was not detected at CHP-2 or CHP-4.
- Petroleum hydrocarbon constituents were not detected in soil samples (Table 2).

Groundwater samples

- Lead was not detected in the eleven groundwater samples analyzed (Table 3).
- Benzene was detected at one location (CHP-8) at concentration of 2.5 microgram per liter (µg/L) (Table 4).
- Ethylbenzene was detected at two locations (CHP-8 and CHP-10) at concentrations of 2.4 µg/L and 2.0 µg/L, respectively (Table 4).
- MTBE was detected in each boring (except for CHP-1) at concentrations ranging from 0.56 µg/L to 38 µg/L (Table 4).
- Toluene was detected at one location (CHP-10) at a concentration of 2.2 µg/L (Table 4).
- Total xylenes were detected at one location (CHP-10) at concentration of 7.4 µg/L (Table 4).
- TPH-gasoline was detected in two locations (CHP-8 and CHP-11) at concentrations of 4,300 µg/L and 130 µg/L, respectively. The concentration of TPH-gasoline at location CHP-8 is above the ESL of 500 µg/L for residential land use, where groundwater is not a current or potential source of drinking water (Table 4, Plate 2).

Analytical data for soil and groundwater samples generated during this investigation were uploaded into the permanent data repository for secure storage.

CONCLUSIONS

Lead Investigation

Analytical results for soil and groundwater samples collected from five borings along the south side of the demolished building indicated the following:

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- The maximum total lead concentration of 562 mg/kg was detected in the soil sample collected at boring CHP-4 at a depth between 2.5 and 3 feet bgs. This concentration of lead is above the ESL of 150 mg/kg for residential land use, but below the ESL of 750 mg/kg for industrial land use, where groundwater is not a current or potential source of drinking water.
- Soil and groundwater samples collected from other locations along the south side of the demolished building did not contain concentrations of lead above the ESL of 150 mg/kg.
- Analytical results for six soil samples collected from deeper intervals at locations CHP-1,-2, and -4 at a depth between 3.5 and 5.5 feet bgs indicated decreasing concentrations of lead with depth. Concentrations were below the ESL of 150 mg/kg.

Therefore, the vertical and lateral extent of lead contamination at the site has been assessed. Kleinfelder recommends that the soil in the vicinity of location CHP-4 be capped or covered. If soil is to be removed from the site, it should be disposed of in accordance with the State regulations. Additional lead investigation is not warranted.

Petroleum Hydrocarbon Investigation

Analytical results for soil and groundwater samples collected from seven borings in the vicinity of the UST indicated the following:

- TPH-gasoline at a concentration of 4,300 µg/L was detected in the groundwater sample collected from boring CHP-8, located to the north of the UST. This concentration exceeded the ESL of 500 µg /L for residential land use where groundwater is not a current or potential source of drinking source.
- Soil and groundwater samples collected from other locations in the vicinity of the UST did not contain concentrations of petroleum hydrocarbon constituents above the corresponding ESLs.

The lateral extent of petroleum hydrocarbon impact and the groundwater gradient at the site has not been assessed. Additional investigation will be required to assess the lateral extent of petroleum hydrocarbon contamination at the site. Kleinfelder recommends that the case for the CHP Oakland site, which is currently overseen by the Oakland FD, is submitted to ACEHD for review and consideration.

LIMITATIONS

Kleinfelder prepared this report in accordance with generally accepted standards of care that exist in Northern California at this time. This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance, but in no event later than one (1) year from the date of the report. All information gathered by Kleinfelder is considered confidential and will be released only upon written authorization of the client or as required by law. Non-compliance with any of these requirements by the client or anyone else, unless specifically agreed to in advance by Kleinfelder in writing, will release Kleinfelder from any liability resulting from the use of

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Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present. 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 that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface investigations or field tests, may be performed to reduce uncertainties. Acceptance of this report will indicate that the client has reviewed the document and determined that it does not need or want a greater level of service than provided.

During the course of the performance of Kleinfelder's services, hazardous materials may 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 report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, generator, or person who arranges for disposal, transport, storage or treatment of hazardous materials within the meaning of any governmental statute, regulation or order. the client will be solely responsible for notifying all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. The client will be responsible for all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

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. As such, our services are intended to provide the client with a source of professional advice, opinions and recommendations. Our professional opinions and recommendations are based on our limited number of field observations and tests, collected and performed in accordance with the generally accepted engineering practice that exists at the time and may depend on, and be qualified by, information gathered previously by others and provided to Kleinfelder by the client. Consequently, no warranty or guarantee, expressed or implied, is intended or made.

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If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,

KLEINFELDER, INC.

For

Nadia Borisova
Environmental Professional

Eric. S. Findlay, P.G.
Senior Geologist

SEG:ESF:aak

Plates

Plate 1 – Site Location Map
Plate 2 – Boring Location Map
Plate 3 – Site Photographs

Tables

Table 1 – Analytical Results for Total Lead for Soil Samples
Table 2 – Analytical Results for Petroleum Hydrocarbon Constituents for Soil Samples
Table 3 – Analytical Results for Dissolved Lead for Groundwater Samples
Table 4 – Analytical Results for Petroleum Hydrocarbon Constituents for Groundwater Samples

Appendices

A File Review Documents
B Water Resources Well Permit
C Sample Data Sheets
D Chain-of-Custody Form and Laboratory Analytical Reports

References

San Francisco Bay Regional Water Quality Control Board (RWQCB), February 2005. *Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (4th edition).*

United States Environmental Protection Agency (EPA). 1996. *Test Methods for Evaluating Solid Waste. Third Edition.* Document No. SW-846. Originally Issued in 1986 with Promulgated Revisions of Specific Methods through 1996. September.

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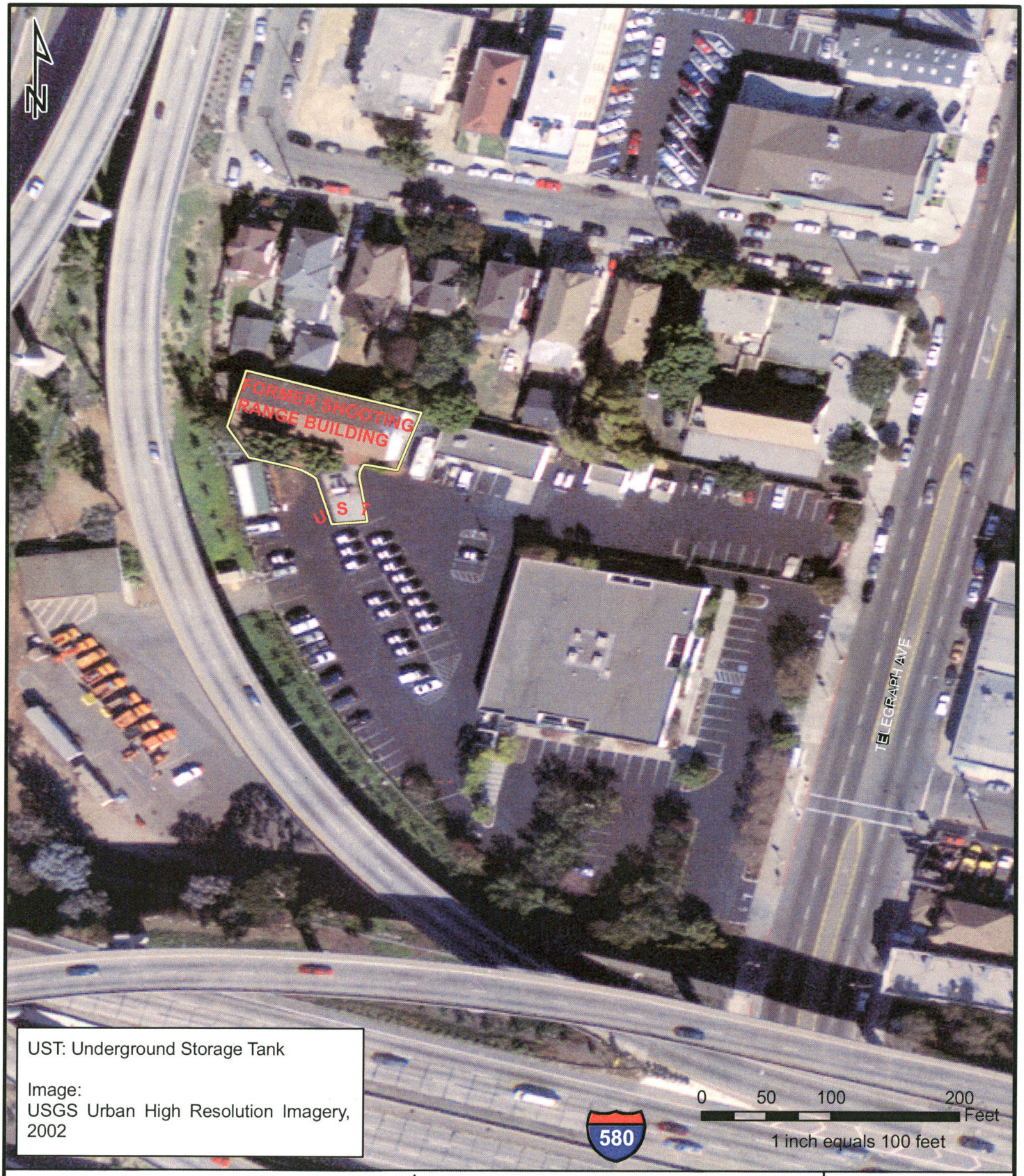
PLATES

Site Location Map and Boring Location Plan



UST: Underground Storage Tank

Image:
USGS Urban High Resolution Imagery, 2002

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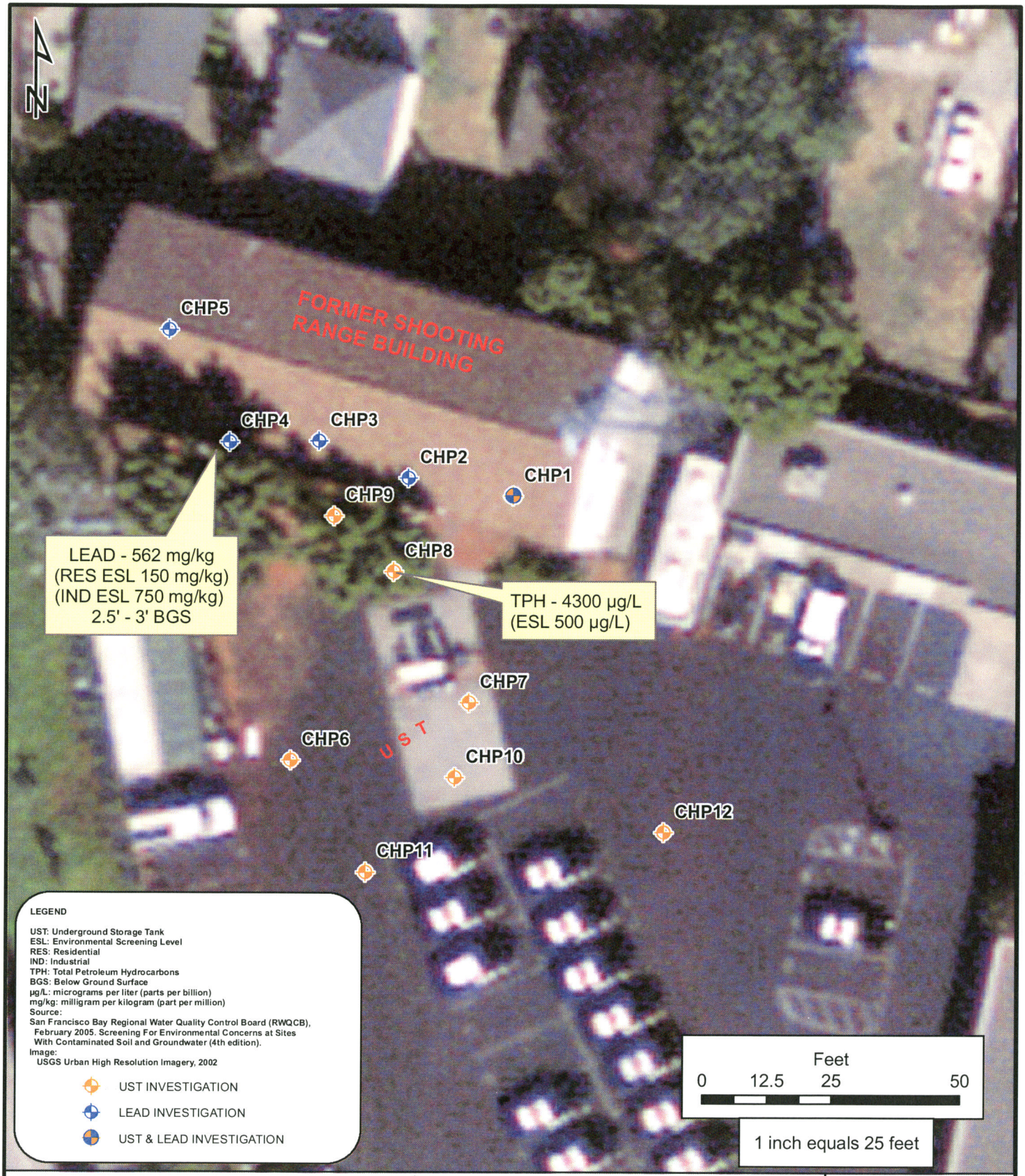
SITE LOCATION MAP

CHP OAKLAND
DGS
OAKLAND, CALIFORNIA

DRAFTED BY:	
REVISED BY:	IPM
CHECKED BY:	
PLATE:	1

DRAWN:	APPROVED BY:	PROJECT NO:	FILE NAME:



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BORING LOCATION MAP

CHP OAKLAND
DGS
OAKLAND, CALIFORNIA

DRAFTED BY:
REVISED BY: IPM
CHECKED BY:
PLATE: 2

DRAWN:
APPROVED BY:
PROJECT NO:
FILE NAME:

SITE OVERVIEW TO NORTHWEST

CHP-10 SAMPLING

SOIL LOG LOCATION CHP-10

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SITE PHOTOGRAPHS

CHP OAKLAND
DGS
OAKLAND, CALIFORNIA

DRAFTED BY:
REVISED BY: IPM
CHECKED BY:
PLATE: 3

DRAWN:
APPROVED BY:
PROJECT NO: 78200-1
FILE NAME: CHPOAK3.MXD

Table 1: Analytical Results for Total Lead for Soil Samples
CHP Oakland: 3601 Telegraph Avenue, Oakland, CA

Boring ID	Sample ID	Sample Depth (feet bgs)	Date Sampled	Total Lead (mg/kg) ESL[a]=150 mg/kg	Soluble Lead (mg/L)\by DI WET
1	CHP1-1	0-0.5	1-25-07	7.23	---
	CHP1-2	**2.5-3.0**	**1-25-07**	**125**	0.116
	CHP1-3	3.5-4.0	1-25-07	8.16	---
	CHP1-4	5.0-5.5	1-25-07	5.43	---
	CHP1-15	15.0-15.5	1-25-07	5.96	---
2	CHP2-1	0-0.5	1-25-07	7.28	---
	CHP2-2	**2.5-3.0**	**1-25-07**	**64.2**	ND
	CHP2-3	3.5-4.0	1-25-07	5.80	---
	CHP2-4	5.0-5.5	1-25-07	5.08	---
3	CHP3-1	0-0.5	1-25-07	6.62	---
	CHP3-2	2.5-3.0	1-25-07	37.0	---
4	CHP4-1	0-0.5	1-25-07	8.47	---
	CHP4-2	**2.5-3.0**	**1-25-07**	**562**	ND
	CHP4-3	3.5-4.0	1-25-07	56.6	---
	CHP4-4	5.0-5.5	1-25-07	5.26	---
5	CHP5-1	0-0.5	1-25-07	11.5	---
	CHP5-2	2.5-3.0	1-25-07	6.31	---
6	CHP6-18	17.5-18.0	1-24-07	4.22	---
8	CHP8-18	18.0-18.5	1-24-07	3.93	---
9	CHP9-16	15.5-16.0	1-24-07	4.29	---
10	CHP10-16	15.5-16.0	1-24-07	3.99	---
11	CHP11-10	9.5-10.0	1-24-07	5.73	---
12	CHP12-13	12.0-13.0	1-24-07	5.95	---

Notes:

[a] ESLs are for shallow soils (<3 m bgs) and residential land use where groundwater is not a current or potential source of drinking water

Analytical results for additional six soil samples collected at locations CHP-1,-2, and -4 are shaded

mg/kg: milligrams per killogram (parts per million)

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

bgs: below ground surface

CHP: California Highway Patrol

DI WET: Deionized (DI) water Waste Extraction Test (WET)

ESL: Environmental Screening Level

ID: Identification number

ND: None detected above laboratory reporting limits

--- : not analyzed for the listed constituent

Highest concentrations of lead are listed in **bold**

Table 2: Analytical Results for Petroleum Hydrocarbon Constituents for Soil Samples

CHP Oakland: 3601 Telegraph Avenue, Oakland, CA

Analyte (mg/kg)	CHP1-15	CHP6-18	CHP8-18	CHP9-16	CHP10-16	CHP11-10	CHP12-13
Sample Depth	**15-15.5 feet bgs**	**17.5-18 feet bgs**	**18-18.5 feet bgs**	**15.5-16 feet bgs**	**15.5-16 feet bgs**	**9.5-10 feet bgs**	**12-13 feet bgs**
Date Sampled	**1/25/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Di-Isopropyl ether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
ETBE	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylene Dibromide (1,2-Dibromomethane)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methyl Tertiary Butyl Ether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
TAME	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tert-butyl Alcohol	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total Xylenes	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
TPH-GRO	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:

bgs: below ground surface

mg/kg: milligram per kilogram (parts per million)

CHP: California Highway Patrol

ETBE: Ethyl t-butyl ether

ND: Not detected

TAME: Tert-amyl methyl ether

TPH-GRO: Total petroleum hydrocarbon-gasoline range organics

Table 3: Analytical Results for Dissolved Lead for Groundwater Samples

CHP Oakland: 3601 Telegraph Avenue, Oakland, CA

Boring ID	Sample ID	Date Sampled	Dissolved Lead (µg/L)
CHP-1	CHP-GW1	1-25-07	5.0 (ND)
CHP-2	CHP-GW2	1-25-07	5.0 (ND)
CHP-3	CHP-GW3	1-25-07	5.0 (ND)
CHP-4	CHP-GW4	1-25-07	5.0 (ND)
CHP-5	CHP-GW5	1-25-07	5.0 (ND)
CHP-6	CHP-GW6	1-24-07	5.0 (ND)
CHP-8	CHP-GW8	1-24-07	5.0 (ND)
CHP-9	CHP-GW9	1-24-07	5.0 (ND)
CHP-10	CHP-GW10	1-24-07	5.0 (ND)
CHP-11	CHP-GW11	1-24-07	5.0 (ND)
CHP-12	CHP-GW12	1-24-07	5.0 (ND)

Notes:
µg/L: micrograms per liter (parts per billion)
CHP: California Highway Patrol
ID: Identification number
GW: Groundwater
ND: None detected

Table 4: Analytical Results for Petroleum Hydrocarbon Constituents for Groundwater Samples

CHP Oakland: 3601 Telegraph Avenue, Oakland, CA

		Sample ID and Date Sampled						
Analyte (µg/L)	**ESL[a] (µg/L)**	**CHP-GW1**	**CHP-GW6**	**CHP-GW8**	**CHP-GW9**	**CHP-GW10**	**CHP-GW11**	**CHP-GW12**
		1/24/2007	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**	**1/24/2007**
1,2-Dichloroethane		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
Benzene	46	ND(0.50)	ND(0.50)	2.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
Di-Isopropyl ether		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
ETBE		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
Ethylbenzene	290	ND(0.50)	ND(0.50)	2.4	ND(0.50)	2.0	ND(0.50)	ND(0.50)
Ethylene Dibromide (1,2-Dibromomethane)		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
Methyl Tertiary Butyl Ether	1,800	ND(0.50)	15	0.97	1.0	38	7.1	0.56
TAME		ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)
Tert-butyl Alcohol		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Toluene	130	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.2	ND(0.50)	ND(0.50)
Total Xylenes	100	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	7.4	ND(0.50)	ND(0.50)
TPH-GRO (ug/L)	500	ND(50)	ND(50)	4300	ND(50)	ND(50)	130	ND(50)

Notes:

a. ESLs assuming a potential discharge of groundwater into marine or estuary water system, where contaminants are present in deep soils (>3 m bgs), there is residential land use, and groundwater is not a current or potential source of drinking water.

µg/L: micrograms per liter (parts per billion)

BTEX: Benzene, toluene, ethylbenzene, and total xylenes.

CHP: California Highway Patrol

ETBE: Ethyl t-butyl ether

ID: Identification

GW: Groundwater

ND: Not detected

TAME: Tert-amyl methyl ether

TPH-GRO: Total petroleum hydrocarbon-gasoline range organics

APPENDIX A

File Review Documents

MEMORANDUM

Date: June 21, 2006 **Project #:** 121087

To: **Nels Eklund**
California Department of Highway Patrol
860 Stillwater Road
West Sacramento, California 95605

From: **Department of General Services – Real Estate Services Division**
Professional Services Branch – Design Services Section
707 Third Street, Suite 4-105, West Sacramento, CA 95605-2811

Subject: **HAZARDOUS MATERIALS ABATEMENT**
CALIFORNIA DEPARTMENT OF HIGHWAY PATROL
OAKLAND CHP SHOOTING RANGE

This project has run into a growing problem with respect to lead-contaminated soil.

As background, the scope of work was to abate the asbestos/lead-containing materials, remove the lead dust (shooting range bi-product) and demolish the building. Included in the work was the removal of 4" of lead-contaminated soil in a planter on the south side of the building. The building was abated and demolished successfully and 4" of lead-contaminated soil were removed.

CSC, the State's hazmat consultant, took tests of the remaining soil on the south side, and one of the samples tested three times higher than the allowable threshold (see attached sketch, "Exhibit A"). At the time these tests were taken, Administrative Sergeant Dane Lobb stated to CSC that he was aware that for the last 30 years, CHP had been cleaning the shooting range sand pit of lead shot and dumping it along the south side of the building. A decision was made to remove another 6" of soil and retest. I received a call this morning from CSC stating that all samples tested are above the 5 ppm threshold (see attached sketch "Exhibit B"). CSC said that as the lead leached into the soil, it probably "plumed." At this point, we have no idea as to the extent of the contamination.

At present, the project does not have enough funds to deal with this additional contamination. After discussing this issue with CSC; Bob Sleppy, Chief, Environmental Services Section, Professional Services Branch; and Joel McRonald, Chief, Seismic and Special Programs, it has been decided that the best course of action at this time is to have the contractor finish out his contract and bring this project to a close.

CHP will need to address this issue, as a separate project. Also, CHP may have a legal requirement to report this issue to the appropriate agency.

If you have any questions, please give me a call at (916) 375-4245.

Gary A. Moore, Architect
Project Manager

Attachments

cc: Thomas Nichols, Supervising Architect, Design Services Section, RESD
Robert Sleppy, Chief, Environmental Services Section, RESD
Joel McRonald, Chief, Seismic and Special Programs, RESD

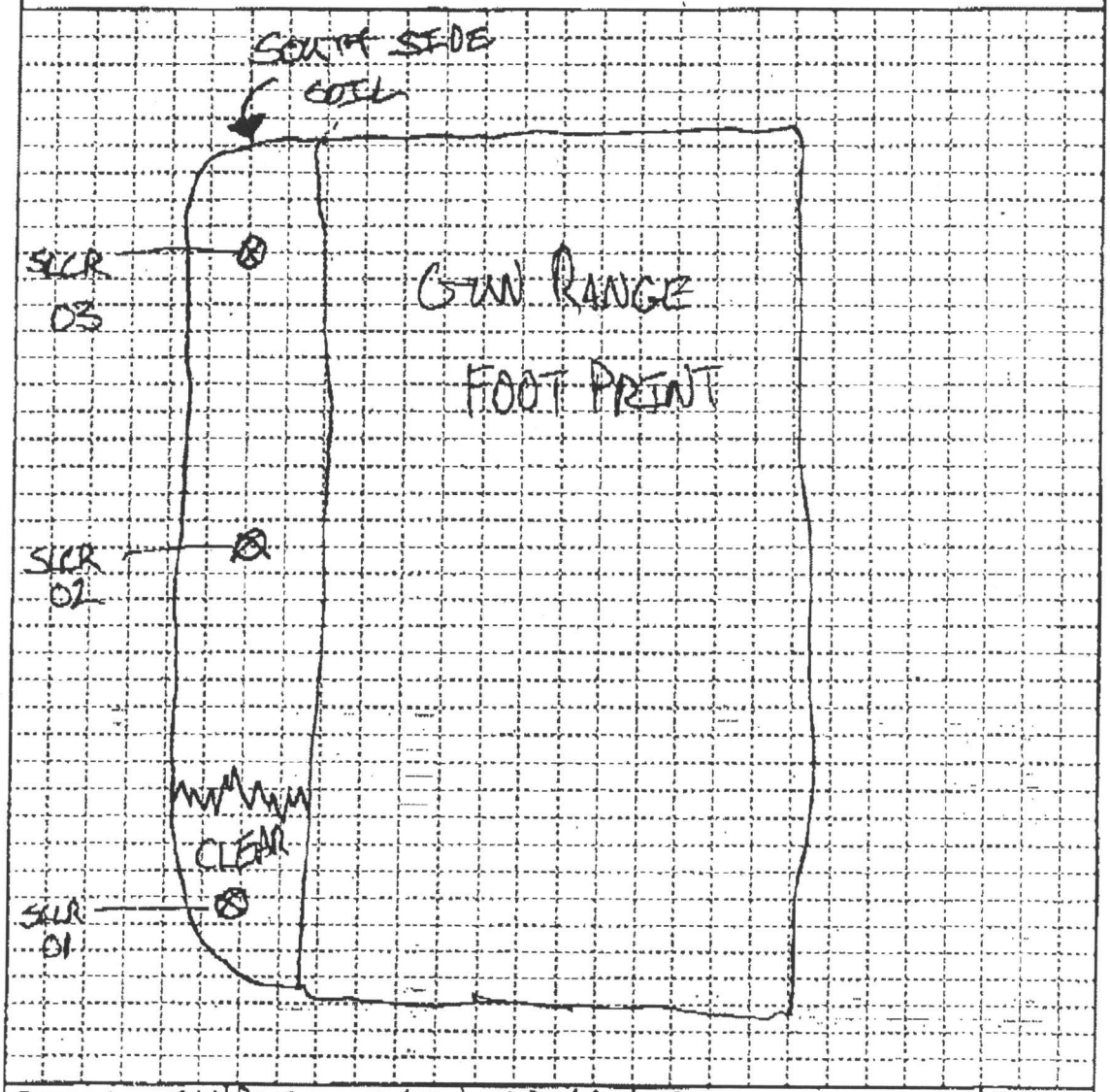
GAM:km:M:\Design-Services\Admin\KMoore\MEMOS\121087 GMoore 6-21-06.doc

EXHIBIT A

CSC BUILDING SKETCH & PLOTTING WORKSHEET

Sketch By: MIKE EBERLE | Date of Sketch: 20 JUNE 2006

Building(s) show on this sketch: OVERHEAD REFLECTIVE VIEW OF CHP SHOOTING RANGE



Comments: SAMPLES TAKEN 18 MAY 2006
RESULTS: 02 = 17 PPM (5/18)
03 = 1.5 PPM (5/18)
* SCLR 01 (TAKEN 5/12/06) 4.7 MG/KG (PPM)

North

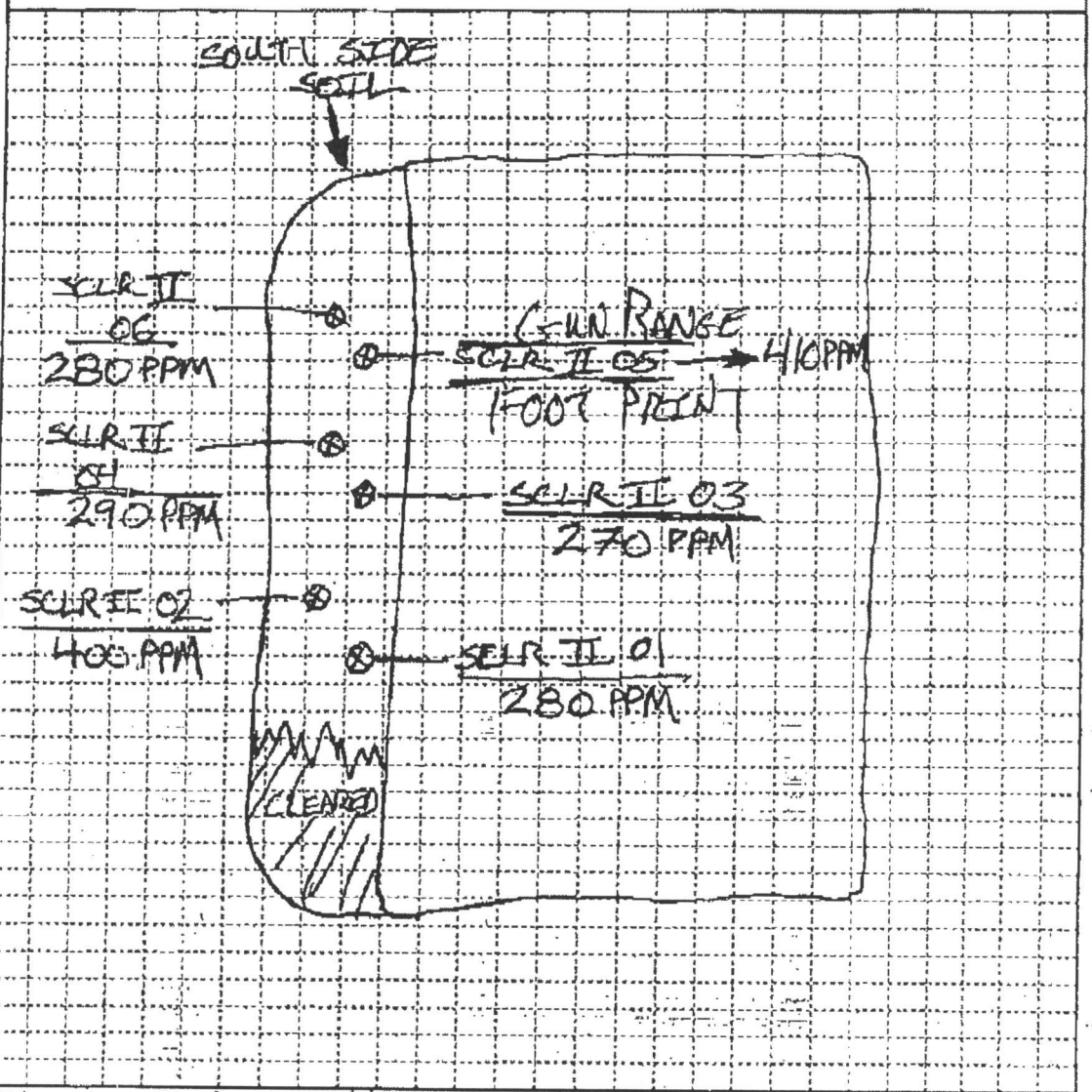
275 Rose Avenue, Suite 206 • Pleasanton, CA 94566 • Phone 925 931-0100 • Fax 925 931-0108

EXHIBIT B

CSC BUILDING SKETCH & PLOTTING WORKSHEET

Sketch By: MIKE EBERLE | Date of Sketch: 20 JUNE 2006

Building(s) show on this sketch: OVER HEAD REFLECTIVE VIEW OF CHP SHOOTING RANGE.



Comments: SAMPLES TAKEN 14 JUNE 2006

CALIFORNIA CUT OFF 5 PPM OR LOWER

North

275 Rose Avenue, Suite 206 • Pleasanton, CA 94566 • Phone 925 931-0100 • Fax 925 931-0108

City Of Oakland
FIRE PREVENTION BUREAU

250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851

VJ 7/12/06

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California September 19, 2005

Tank Permit Number: T05-0092

Permission Is Hereby Granted To:

Repair | Gasoline | **Tank And Excavate Commencing:** | **Feet Inside:** Property | **Line.**

On The:

Site Address: 3601 Telegraph Avenue | **Present Storage:**

Owner: State of California - CHP | **Address:** 3601 Telegraph Ave., Oakland, CA 94609 | **Phone:** 916-375-2940

Applicant: West Star Environmental, Inc. | **Address:** 4688 W. Jennifer, Ste #101, Fresno, CA 93722 | **Phone:** 559-277-9378

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X | **No. Of Tanks** 1 | **Capacity** 12,000 | **Gallons, Each**

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: Vent Piping Repair

Inspected And Passed On: Sept. 19, 2005

By:

Approved: Fire Marshal

UST/AST Installations/modifications:

Pressure Test: Inspected By: **Date:** 9/19/2005

Primary Piping Test: Inspected By: **Date:** 9/19/2005

Inspection Fee Paid: $ 567.22

Received By: M McCarthy ck# 28896

Secondary Containment & Sump Testing:

Inspected By: **Date:**

Final: Inspected By: **Date:**

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Distribution: White - Fire Prevention Bureau, Yellow - Contractor, Pink - Electrical Inspection

STID#

CITY OF OAKLAND FIRE SERVICES AGENCY

Issue Date April 5, 2004

UNDERGROUND STORAGE TANK OPERATING PERMIT

Expir. Date April 5, 2009

This permit is issued to the underground storage tank owner. It must be kept at the UST location at all times.
An application for the renewal of this permit must be filed with this office prior to the expiration date.

UST Facility Name CHP - Oakland — Address (Tank Location) 3601 Telegraph Ave., Oakland, CA 94609 — Phone (510) 450-3821
Tank Owner's Name State of California — Address P. O. Box 942898, Sacramento, CA 94298 — Phone (916) 657-7439
Tank Operator's Name State of California — Address P. O. Box 942898, Sacramento, CA 94298 — Phone (916) 657-7439

Total Number of USTs 1
24-Hour Emergency Contact Person Ronald Lum — Phone (510) 450-3821
Emergency/Spill Response Plan- Yes — Certification of Financial Responsibility No
BOE # TY HQ-44 032062 — Current Plot Plan Yes

	Tank #1	Tank #2	Tank #3	Tank #4
State UST I.D.	032062-071201			
Capacity (gallons)	12,000			
Hazardous Substance stored	Motor Vehicle Fuel			
Monitoring method for tank	Interstitial			
Frequency	Continuous			
Alarm?	Visible/Audible			
Tank Intregrity Test	None			
Monitoring method for piping	Line Leak Detector			
Frequency?	Continuous			
Alarm?	Visible/Audible			
Slow Flow?	No			
Pump Shutdown?	Yes			
Piping Precision Test	None			
Overfill	Auto Shutoff			
Spill Container/Size (gallons)	15			
Cathodic Protection	Yes			
Corrosion Protection	Fiberglass			

This operating permit is subject to the following conditions:

1. All applicable state UST requrirements contained in the California Code of regulations, Title 23, Division 3, Chapters 16 and 18; the California Health & Safety Code, Division 20, Chapters 6.7 and 6.75, and all applicable local requirements.

2. The owner or operator must report any unauthorized releases to the enviroment to Fire Services Agency, Office of Emerengcy Services within 24 hours after the release has been detected or should have been detected[**call (510)238-3938 M-F from 8 to 5, and (510) 444-3322 after hours**].

3. The owner or operator must comply with the approved routine monitoring and responce plans attached to this permit.

4. The owner or operator shall comply with all site investigation and/or remedial action orders required by the lead implementing agency.

5. Monitoring and maintenance records shall be maintained on-site for 3 years.

Issued by — Date

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site) Page ____ of ____

TYPE OF ACTION (Check one item only) ☐ 1. NEW SITE PERMIT ☒ 3. RENEWAL PERMIT ☐ 4. AMENDED PERMIT ☐ 5.CHANGE OF INFORMATION specify change local use only _____ ☐ 6.TEMPORARY SITE CLOSURE ☐ 7.PERMANENTLY CLOSED SITE ☐ 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: CALIFORNIA HIGHWAY PATROL

FACILITY ID# 1:

NEAREST CROSS STREET 401: Telegraph Avenue @ West MacArthur

BUSINESS TYPE 403: ☐ 1. GAS STATION ☐ 3. FARM ☐ 5. COMMERCIAL ☐ 2. DISTRIBUTOR ☐ 4. PROCESSOR ☒ 6. OTHER

FACILITY OWNER TYPE 402: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☒ 6. STATE AGENCY*CHP ☐ 7. FEDERAL AGENCY*

TOTAL NUMBER OF TANKS REMAINING AT SITE 404: 1

Is facility on Indian Reservation or trustlands? 405: ☐ Yes ☒ No

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST (This is the contact person for the tank records.) 406: Sgt Ron Lum

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407: CALIFORNIA HIGHWAY PATROL

PHONE 408: 510 450-3821

MAILING OR STREET ADDRESS 409: 3601 Telegraph Avenue

CITY 410: Oakland

STATE 411: CA

ZIP CODE 412: 94609

PROPERTY OWNER TYPE 413: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☒ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

III. TANK OWNER INFORMATION

TANK OWNER NAME 414: CALIFORNIA HIGHWAY PATROL

PHONE 415: 510 450-3821

MAILING OR STREET ADDRESS 416: 3601 Telegraph Avenue

CITY 417: Oakland

STATE 418: CA

ZIP CODE 419: 94609

TANK OWNER TYPE 420: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☒ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 3 2 0 6 2 421

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(s) 422: ☒ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☐ 7. STATE FUND ☐ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOVT MECHANISM ☐ 99. OTHER:_____

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked. 423: ☒ 1. FACILITY ☐ 2. PROPERTY OWNER ☐ 3. TANK OWNER

VII. APPLICANT SIGNATURE

Certification – I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT

DATE 424: 03/11/04

PHONE 425: 510 450-3821

NAME OF APPLICANT (print) 426: Ronal H. Lum

TITLE OF APPLICANT 427: Sergeant

STATE UST FACILITY NUMBER (For local use only) 428:

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429:

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TANKS

UNDERGROUND STORAGE TANKS – TAN K PAGE 1

(two pages per tank)

Page ____ of ____

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION, ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☐ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)	3	FACILITY ID:	1
CALIFORNIA HIGHWAY PATROL			

LOCATION WITHIN SITE (Optional) 431
N/West corner of rear parking lot

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☐ Yes ☐ No 434 If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	**TANK CAPACITY IN GALLONS 436**	**NUMBER OF COMPARTMENTS 437**
1975	12,000	1

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439
☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☒ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER ____

COMMON NAME (from Hazardous Materials Inventory page) 441: Gasoline Unleaded

CAS# (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☒ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN
☐ 2. DOUBLE WALL ☐ 4. SIGNLE WALL IN VAULT ☐ 99. OTHER ____

TANK MATERIAL – primary tank (Check one item only) 444
☐ 1. BARE STEEL ☒ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER _____

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER _____ ☐ 10. COATED STEEL
☐ 5. CONCRETE

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☒ 6 UNLINED ☐ 99 OTHER
DATE INSTALLED 447 _____ (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
☐ 1 MANUFACTURED CATHODIC PROTECTION ☐ 3 FIBERGLASS REINFORCED PLASTIC ☒ 95 UNKNOWN
☐ 2 SACRIFICIAL ANODE ☐ 4 IMPRESSED CURRENT ☐ 99 OTHER
DATE INSTALLED 449 _____ (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (local use only) 451
☐ 1 SPILL CONTAINMENT	_____	_____
☐ 2 DROP TUBE	_____	_____
☐ 3 STRIKER PLATE	_____	_____

OVERFILL PROTECTION EQUIPMENT:YEAR INSTALLED 452
☒ 1 ALARM _____ ☐ 3 FILL TUBE SHUT OFF VALVE _____
☐ 2 BALL FLOAT _____ ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
☐ 1 VISUAL (EXPOSED PORTION ONLY)
☐ 2 AUTOMATIC TANK GAUGING (ATG)
☐ 3 CONTINUOUS ATG
☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
☐ 5 MANUAL TANK GAUGING (MTG)
☐ 6 VADOSE ZONE
☐ 7 GROUNDWATER
☐ 8 TANK TESTING
☒ 99 OTHER SIR

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
_____	_____ gallons	☐ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TAN K PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page __ of __

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☒ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
CONSTRUCTION	☒ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462
MANUFACTURER	☐ 2. DOUBLE WALL ☐ 95. UNKNOWN	☐ 2. DOUBLE WALL ☐ 99. OTHER
MANUFACTURER	461	MANUFACTURER 463
	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE w/100% METHANOL	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/100% METHANOL
	☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ Unknown	☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL
	☒ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 99. Other	☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER
	☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE)	☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION
	☐ 5. STEEL W/COATING ☐ 9. CATHODIC PROTECTION 464	☐ 5. STEEL W/COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALUES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468 _____

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR

DATE 470: 03/11/2004

NAME OF OWNER/OPRATOR (print) 471: Ronald H. Lum

TITLE OF OWNER/OPERATOR 472: Sergeant

Permit Number (For local use only) 473 | Permit Approved (For local use only) 474 | Permit Expiration Date (For local use only) 475

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 03 / 19 / 97

CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED: [signature] DATE: 4/16/97

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Bob Mestmaker
PHONE: (805) 837 8518
SIGNATURE: [signature]

REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: Metric Ent. Inc

ADDRESS: 7850 E 253 STREET White LANE CITY Bakersfield STATE CA ZIP 93307

RESPONSIBLE PARTY

NAME: California Hwy Patrol ☐ UNKNOWN
CONTACT PERSON: Norm
PHONE: (510) 450 3821

ADDRESS: 3601 STREET Telegraph Ave CITY Oakland STATE CA ZIP 94609

SITE LOCATION

FACILITY NAME (IF APPLICABLE): California Highway Patrol
OPERATOR:
PHONE: (510) 450 3821

ADDRESS: 3601 STREET Telegraph Ave CITY Oakland COUNTY Alameda ZIP 94609

CROSS STREET: 36th St

IMPLEMENTING AGENCIES

LOCAL AGENCY: Health Dept AGENCY NAME: Alameda Co EHD
CONTACT PERSON: Brian Oliva
PHONE: (510) 567-6731

REGIONAL BOARD:
PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: Gasoline QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) NAME: QUANTITY LOST (GALLONS): ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 03 / 19 / 97
HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☒ OTHER TANK UPGRADE

DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☐ YES ☐ NO IF YES, DATE:

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☒ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER New Dispenser, Plumbing

SOURCE/CAUSE

SOURCE OF DISCHARGE
☐ TANK LEAK ☐ UNKNOWN
☐ PIPING LEAK ☒ OTHER

CAUSE(S)
☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL
☐ CORROSION ☐ UNKNOWN ☒ OTHER Loose Fitting

CASE TYPE

CHECK ONE ONLY
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☒ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☒ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ OTHER (OT)

COMMENTS

Release is in a gravel area over tank- Leaks not Substantial enough - 86 PPM to take action. One more soils test taken in Excavation To ASSURE no other leaks occurred

HSC 05 (8/90)

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-1, Ukiah, California 95482
(707) 468-0401

CHEMICAL EXAMINATION REPORT

Matrix Enterprises, Inc.
8 Cottonwood Lane
Yerington, NV 89447
Attn: Bob Mestmaker

Date Printed: 3/24/97

Batch Number	Receipt Date	Client	Client P.O.	Send Via
97-0320-009	03/20/97 09:20	MATENT		Mail

Batch 97-0320-009 consisted of 1 Sample and 6 Tests

Sample 1 CHP Oakland

Sample Type: Soil Sampled by: Client Sampled: 3/19/97 14:30

The PQL's for BTXE are 20 times and for MTBE 5 times higher than usual due to matrix interferences.

	METHOD	EXTRACTED	TEST DATE	RESULT	UNITS	PQL	DILUTION
TPH Gasoline W/BTXE							
TPH - Gasoline	GCFID/5030	3/20	3/21/97	110	mg/kg	1.00	
Benzene	EPA 8020	3/20	3/21/97	ND	mg/kg	0.10	
Toluene	EPA 8020	3/20	3/21/97	ND	mg/kg	0.10	
Ethylbenzene	EPA 8020	3/20	3/21/97	ND	mg/kg	0.10	
Xylenes	EPA 8020	3/20	3/21/97	.13	mg/kg	0.10	
Methyl Tertiary Butyl Ether	EPA 8020	3/20	3/21/97	ND	mg/kg	5	

PQL - Practical Quantitation Limit ND - None Detected
* - Indicates Detection Limit altered due to Sample Dilution

NOTES:

Bruce L. Gove
Laboratory Director

Bruce L. Gove
Date Printed: 3/24/97

WORK ORDER
CHAIN OF CUSTODY RECORD

4/24930

alpha

Alpha Analytical Laboratories Inc. • 860 Waugh Lane, H-1, Ukiah, CA 95482 • (707) 468-0401 • FAX (707) 468-5267

DATE 3-20-97 PAGE 1 OF 1

CLIENT'S NAME: Matrix
STREET ADDRESS: CITY: STATE: ZIP:
PROJECT NAME:
CONTRACT/PURCHASE ORDER/QUOTE NUMBER:
SIGNATURE OF PERSON AUTHORIZING WORK UNDER TERMS STATED ON REVERSE SIDE OF THIS FORM.

PROJECT MANAGER: Bob Westmaker
PHONE NUMBER:
FAX NUMBER: 702-463-3160
SITE CONTACT:
SAMPLED BY:

ANALYSES: GAS/BTXE/MTBE

SAMPLE CONDITION ON RECEIPT:
COLD/ICED? Yes
BUBBLES OR AIR SPACE? No
WERE SAMPLES PRESERVED? N/A

SAMPLE NUMBER IDENTIFICATION	DATE	TIME	LAB SAMPLE NUMBER	SAMPLE TYPE: DW	AIR	SOLID	GROUNDWATER	GRAB	NO. OF CONTS.	GAS/BTXE/MTBE	EXPLAIN IRREGULARITIES BELOW
CHP Oakland	3/19/97	1430	97-0320-9-1			X			1	✓	

RELINQUISHED BY: (SIGNATURE)
RECEIVED BY: (SIGNATURE)
DATE / TIME

RELINQUISHED BY: (SIGNATURE)
RECEIVED BY: (SIGNATURE)
DATE / TIME

RELINQUISHED BY: (SIGNATURE)
RECEIVED FOR LABORATORY BY: K Daly 3-20-97 0920
SAMPLE CONTROL OFFICER: K Daly

METHOD OF SHIPMENT:
AUTHORIZED BY:

TURN AROUND TIME REQUESTED: 48 hr TAT

SPECIAL INSTRUCTIONS:

DRIVING TIME | SITE TIME | TOTAL TIME

SAMPLE DESPOSITION:
1. STORAGE TIME REQUESTED _____ DAYS (SAMPLES WILL BE STORED FOR 30 DAYS WITHOUT ADDITIONAL CHARGES. THEREAFTER STORAGE CHARGES WILL BE BILLED AT THE PUBLISHED RATES.
2. SAMPLE TO BE RETURNED TO CLIENT? ☐ YES ☐ NO

HAZARDOUS MATERIALS ARE THE PROPERTY OF THE CLIENT. THE CLIENT IS RESPONSIBLE FOR PROPER DISPOSAL OF HAZARDOUS WASTES. CLIENTS NOT PICKING UP HAZARDOUS WASTES MAY BE ASSESSED AN APPROPRIATE FEE

File copy

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 1 M 1 M 2 D 8 D 8 Y 8 Y

CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFTY CODE.
SIGNED: Sam J Byrne DATE: 12/14/88

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: N. Ingebrigtsen
PHONE: (415) 464-1280
SIGNATURE: [signature]

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: California Highway Patrol

ADDRESS: 3601 STREET Telegraph Avenue CITY Oakland STATE CA ZIP 94609

RESPONSIBLE PARTY

NAME: California Highway Patrol ☐ UNKNOWN
CONTACT PERSON: Sergeant Ingebrigtsen
PHONE: (415) 464-1280

ADDRESS: 3601 STREET Telegraph Avenue CITY Oakland STATE CA ZIP 94609

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Oakland Area – California Highway Patrol
OPERATOR: State of California
PHONE: (415) 464-1280

ADDRESS: 3601 STREET Telegraph Avenue CITY Oakland COUNTY CA ZIP 94609

CROSS STREET: 36th Street
TYPE OF AREA ☒ COMMERCIAL ☐ INDUSTRIAL ☐ RURAL ☐ RESIDENTIAL ☐ OTHER
TYPE OF BUSINESS ☐ RETAIL FUEL STATION ☐ FARM ☒ OTHER Law Enforcement

IMPLEMENTING AGENCIES

LOCAL AGENCY AGENCY NAME: Alameda County Health Agency
CONTACT PERSON: Dennis Byrne
PHONE: (415) 271-4320

REGIONAL BOARD: S.F. Bay Regional Water Quality Control Board
Lisa McCann
PHONE: (415) 464-1036

RECEIVED DEC 14 1988 HAZARDOUS MATERIALS WASTE PROGRAM

SUBSTANCES INVOLVED

(1) NAME: Unleaded Gasoline
QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 1 M 1 M 2 D 8 D 8 Y 8 Y
HOW DISCOVERED ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☒ TANK TEST ☐ TANK REMOVAL ☐ OTHER

DATE DISCHARGE BEGAN: M M D D Y Y ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 1 M 1 M 2 D 8 D 8 Y 8 Y

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☒ REMOVE CONTENTS ☐ REPLACE TANK ☐ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☒ OTHER Fuel level below piping

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☐ UNKNOWN ☒ PIPING LEAK ☐ OTHER

TANKS ONLY/CAPACITY: 12,000 GAL. AGE 12 YRS ☐ UNKNOWN

MATERIAL: ☒ FIBERGLASS ☐ STEEL ☐ OTHER

CAUSE(S): ☐ OVERFILL ☒ RUPTURE/FAILURE ☐ CORROSION ☐ UNKNOWN ☐ SPILL ☐ OTHER

CASE TYPE

CHECK ONE ONLY
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☒ SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) ☐ CLEANUP IN PROGRESS ☐ SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)
☐ NO ACTION TAKEN ☐ POST CLEANUP MONITORING IN PROGRESS ☐ NO FUNDS AVAILABLE TO PROCEED ☐ EVALUATING CLEANUP ALTERNATIVES

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☒ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ TREATMENT AT HOOKUP (HU) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT)

COMMENTS

Area (Oakland) has notified the Office of the State Architect concerning this matter and is awaiting further direction.

HSC 05 (4/87)

APPENDIX B

Water Resources Well Permit

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 01/16/2007 By jamesy

Permit Numbers: W2007-0061
Permits Valid from 01/22/2007 to 01/26/2007

Application Id: 1168386022380
Site Location: 3601 Telegraph Avenue, Oakland, CA 94609
Project Start Date: 01/22/2007

City of Project Site: Oakland

Completion Date: 01/26/2007

Applicant: Kleinfelder, Inc. - Nadia Borisova
1970 Broadway, Suite 710, Oakland, CA 94612
Phone: 510-628-9000

Property Owner: California Highway Patrol California Highway Patrol
3601 Telegraph Avenue, Oakland, CA 94609
Phone: 510-450-3821

Client: ** same as Property Owner **

Receipt Number:

Total Due: $200.00
Total Amount Paid: $0.00
Payment Type: EXMPT **PAYMENT EXEMPT**

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 16 Boreholes
Driller: Enprob - Lic #: 777007 - Method: DP

Work Total: $200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0061	01/16/2007	04/22/2007	16	3.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX C

Sample Data Sheets

SAMPLE DATA SHEET KLEINFELDER

Project Name CHP

Project No. 78200 TASK 3

P.O. No. 78200 TASK 3 / CHAIN-OF-CUSTODY # 4244/4246

Sampler Name, No. John Williams

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
CHP12	01/24/7	0845	CHP-GW12	NA	~~0.0~~ NA	KIFF	lead, VOC	GW
CHP12	01/24/7	0820	CHP12-13	12'-13	0.0		lead, VOC	S
CHP 11	01/24/7	1015	CHP-GW11	NA	NA		lead, VOC	G.W
CHP 11	01/24/7	0950	CHP11-10	9.5-10	4.8		lead, VOC	S
CHP 10	1/24/7	1140	CHP-GW10	NA	NA		Lead, VOC	GW
CHP 10	1/24/7	1105	CHP10/6	15.5'-16	13.0		lead, VOC	S
CHP 9	1/24/07	1237	CHP9-16	15.5'-16'	5.1		LEAD, VOC,	S
CHP 9	1/24/07	1245	CHP-GW9	NA	NA		LEAD, VOC	GW
CHP 6	1/24/07	1414	CHP6-18	17.5-18'	0.0		LEAD, VOC	S
CHP 6	1/24/07	1430	CHP-GW6	NA	NA		LEAD, VOC	GW
CHP 8	1/24/07	1621	CHP8-18	18-18.5'	0.0		LEAD, VOC	S
CHP 8	1/24/07	1635	CHP-GW8	NA	NA		LEAD, VOC	W
CHP 5	1/25/07	0813	CHP5-1	0-0.5'	0.0		LEAD	S
CHP 5	1/25/07	0801	CHP5-2	2.5-3.0'	0.0		LEAD	S
CHP 5	1/25/7	0830	CHP-GW5	NA	NA		LEAD	W
CHP 4	1/25/07	0900	CHP4-1	0-0.5'	0.0		LEAD	S
CHP 4	1/25/07	0855	CHP4-2	2.5-3.0'	0.0		LEAD	S
CHP 3	1/25/07	1004	CHP3-1	0-0.5'	0.0		LEAD	S
CHP 3	1/25/07	0940	CHP3-2	2.5-3.0'	0.0		LEAD	S
CHP 2	1/25/07	1059	CHP2-1	0-0.5'	0.0		LEAD	S
CHP 2	1/25/07	1042	CHP2-2	2.5-3.0'	0.0		LEAD	S
CHP4	1/25/07	1020	CHP-GW4	NA	NA		LEAD	W
CHP3	1/25/07	1115	CHP-GW3	NA	NA		LEAD	W
CHP 2	1/25/07	1130	CHP-GW2	NA	NA		LEAD	W
CHP 1	1/25/07	1220	CHP-GW1	NA	NA	↓	LEAD, VOC	W

2Forms89-37

Note: VOC include TPH-gas, BTEX, 5 fuel oxygenates, and fuel additives

SAMPLE DATA SHEET KLEINFELDER

Project Name CHP - OAKLAND (PAGE 2)
Project No. 78200 TASK 3
P.O. No. 78200 TASK 3 / CHAIN-OF-CUSTODY # 4246
Sampler Name, No. JOH- WILLIAMS

Site/ Boring/ Well/ Barrel No.	Date	Time	Sample No.	Sample Interval (feet)	PID ppm	Receiving Lab	Analysis	Matrix
CHP 1	1/25/07	1145	CHP1-1	0-0.5'	0.0	KIFF	LEAD	S
CHP 1	1/25/07	1147	CHP1-2	2.5-3.0'	0.0	↓	LEAD	S
CHP 1	1/25/07	1206	CHP1-15	15-15.5'	0.0	↓	LEAD, VOC	S

APPENDIX D

Analytical Data and Chain-of-Custody Forms

KLEINFELDER

SRG#: 54482

PROJECT NO.	PROJECT NAME	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: dissolved lead*	8260*	RECEIVING LAB: KIFF
78200, TASK 4	CHP-OAKLAND					
L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number) S. WILLIAMS					INSTRUCTIONS/REMARKS: STANDARD TAT PLEASE RETAIN SOIL SAMPLES PENDING FURTHER ANALYSIS (TCLP, WET)

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	dissolved lead*	8260*	
1	1/24/07	0845	CHP-GW12	WATER	5	4 VOA 1 POLY	X	X	
2	1/24/07	0820	CHP12-13	SOIL	1	TUBE	X	X	
3	1/24/07	1015	CHP-GW11	WATER	5	4 VOA 1 POLY	X	X	
4	1/24/07	0950	CHP11-10	SOIL	1	TUBE	X	X	
5	1/24/07	1140	CHP-GW10	WATER	5	4 VOA 1 POLY	X	X	
6	1/24/07	1105	CHP10-16	SOIL	1	TUBE	X	X	
7	1/24/07	1233	CHP9-16	SOIL	1	TUBE	X	X	
8	1/24/07	1245	CHP-GW9	WATER	5	4 VOA 1 POLY	X	X	
9	1/24/07	1414	CHP6-18	SOIL	1	TUBE	X	X	
10	1/24/07	1430	CHP-GW6	WATER	5	4 VOA 1 POLY	X	X	
11	1/24/07	1621	CHP8-18	SOIL	1	TUBE	X	X	
12	1/24/07	1635	CHP-GW8	WATER	5	4 VOA 1 POLY	X	X	← THIS ONE MAY BE HOT
13									
14									
15									
16									
17									
18									
19									
20									

SAMPLE RECEIPT
Temp °C 0.8 Therm. ID# IR5
Initial SJX Date 012407
Time 1621 Coolant present: (Yes) / No

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	1/24/07 1645	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	012407 1650	Kiff Analytical

Instructions/Remarks:
* 8260 include TPH-gas, BTEX, 5 Fuel Oxygenates; Fuel additives
* dissolved lead, FOR WATER FILTER IN THE Lab

Send Results To:
KLEINFELDER - OAKLAND
~~7133 KOLL CENTER PARKWAY~~
~~SUITE 100~~
~~PLEASANTON, CA 94566~~
~~(925) 484-1700~~
Attn: NADIA BORISOVA

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

CHAIN OF CUSTODY

№ 4244

KIFF Analytical LLC

Report Number : 54482
Date : 1/30/2007

Nadia Borisova
Kleinfelder, Inc.
1970 Broadway, Suite 710
Oakland, CA 94612

Subject : 6 Soil Samples and 6 Water Samples
Project Name : CHP-OAKLAND
Project Number : 78200,Task4

Dear Ms. Borisova,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP-GW12** Matrix : Water Lab Number : 54482-01

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**0.56**	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	97.2		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	1/26/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP12-13** Matrix : Soil Lab Number : 54482-02

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	110		% Recovery	EPA 8260B	1/25/2007

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP-GW11** Matrix : Water Lab Number : 54482-03

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**7.1**	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	**130**	50	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	114		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	1/26/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP11-10** Matrix : Soil Lab Number : 54482-04

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	1/25/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP-GW10** Matrix : Water Lab Number : 54482-05

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
Toluene	**2.2**	0.50	ug/L	EPA 8260B	1/25/2007
Ethylbenzene	**2.0**	0.50	ug/L	EPA 8260B	1/25/2007
Total Xylenes	**7.4**	0.50	ug/L	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**38**	0.50	ug/L	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/25/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	95.0		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	1/25/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP10-16** Matrix : Soil Lab Number : 54482-06

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	1/25/2007

Approved By: Joel Kiff

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Report Number : 54482
Date : 1/30/2007

Project Name : **CHP-OAKLAND**
Project Number : **78200,Task4**

Sample : **CHP9-16** Matrix : Soil Lab Number : 54482-07
Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	108		% Recovery	EPA 8260B	1/25/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP-GW9** Matrix : Water Lab Number : 54482-08

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**1.0**	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	94.6		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	1/26/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP6-18** Matrix : Soil Lab Number : 54482-09

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	1/25/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP-GW6** Matrix : Water Lab Number : 54482-10

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**15**	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	113		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	96.8		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	1/26/2007

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KIFF Analytical LLC

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Sample : **CHP8-18** Matrix : Soil Lab Number : 54482-11

Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	107		% Recovery	EPA 8260B	1/25/2007

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KIFF Analytical LLC

Report Number : 54482
Date : 1/30/2007

Project Name : **CHP-OAKLAND**
Project Number : **78200,Task4**

Sample : **CHP-GW8** Matrix : Water Lab Number : 54482-12
Sample Date :1/24/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2.5**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	**2.4**	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**0.97**	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	**4300**	90	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	95.7		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	98.8		% Recovery	EPA 8260B	1/26/2007

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Report Number : 54482

Date : 1/30/2007

QC Report : Method Blank Data

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	1/24/2007
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/24/2007
Toluene - d8 (Surr)	97.0		%	EPA 8260B	1/24/2007
4-Bromofluorobenzene (Surr)	99.8		%	EPA 8260B	1/24/2007
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	1/24/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/27/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Toluene - d8 (Surr)	99.7		%	EPA 8260B	1/27/2007
4-Bromofluorobenzene (Surr)	98.6		%	EPA 8260B	1/27/2007
1,2-Dichloroethane-d4 (Surr)	99.1		%	EPA 8260B	1/27/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/25/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/25/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	114		%	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	96.4		%	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	1/25/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/25/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/25/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	96.2		%	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	1/25/2007

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 54482

Date : 1/30/2007

QC Report : Method Blank Data

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/25/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/25/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	103		%	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	99.9		%	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	108		%	EPA 8260B	1/25/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/26/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/26/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	100		%	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	96.1		%	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	1/26/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 54482

Date : 1/30/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	54467-01	<0.0050	0.0391	0.0400	0.0376	0.0372	mg/Kg	EPA 8260B	1/25/07	96.0	92.9	3.33	70-130	25
Toluene	54467-01	<0.0050	0.0391	0.0400	0.0367	0.0365	mg/Kg	EPA 8260B	1/25/07	93.8	91.2	2.81	70-130	25
Tert-Butanol	54467-01	<0.0050	0.196	0.200	0.196	0.188	mg/Kg	EPA 8260B	1/25/07	100	94.3	5.95	70-130	25
Methyl-t-Butyl Ether	54467-01	<0.0050	0.0391	0.0400	0.0425	0.0453	mg/Kg	EPA 8260B	1/25/07	109	113	4.24	70-130	25
Benzene	54482-12	2.5	40.0	39.5	42.6	42.2	ug/L	EPA 8260B	1/26/07	100	101	0.264	70-130	25
Toluene	54482-12	<0.50	40.0	39.5	42.3	42.0	ug/L	EPA 8260B	1/26/07	106	106	0.286	70-130	25
Tert-Butanol	54482-12	<5.0	200	198	204	202	ug/L	EPA 8260B	1/26/07	102	102	0.432	70-130	25
Methyl-t-Butyl Ether	54482-12	0.97	40.0	39.5	47.3	45.5	ug/L	EPA 8260B	1/26/07	116	113	2.77	70-130	25
Benzene	54498-01	<0.50	40.0	40.0	40.2	38.4	ug/L	EPA 8260B	1/26/07	100	96.0	4.59	70-130	25
Toluene	54498-01	<0.50	40.0	40.0	43.4	40.5	ug/L	EPA 8260B	1/26/07	108	101	6.90	70-130	25
Tert-Butanol	54498-01	<5.0	200	200	206	202	ug/L	EPA 8260B	1/26/07	103	101	1.55	70-130	25
Methyl-t-Butyl Ether	54498-01	46	40.0	40.0	81.8	81.9	ug/L	EPA 8260B	1/26/07	90.7	91.0	0.295	70-130	25
Benzene	54486-02	<0.50	40.0	40.0	38.3	35.5	ug/L	EPA 8260B	1/25/07	95.7	88.6	7.64	70-130	25
Toluene	54486-02	<0.50	40.0	40.0	35.7	33.0	ug/L	EPA 8260B	1/25/07	89.2	82.5	7.73	70-130	25
Tert-Butanol	54486-02	<5.0	200	200	188	181	ug/L	EPA 8260B	1/25/07	94.2	90.6	3.86	70-130	25
Methyl-t-Butyl Ether	54486-02	<0.50	40.0	40.0	39.0	37.4	ug/L	EPA 8260B	1/25/07	97.4	93.6	3.97	70-130	25
Benzene	54493-03	2.1	40.0	40.0	40.5	39.4	ug/L	EPA 8260B	1/25/07	96.0	93.4	2.81	70-130	25
Toluene	54493-03	2.1	40.0	40.0	44.0	42.9	ug/L	EPA 8260B	1/25/07	105	102	2.74	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 54482

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	54493-03	<5.0	200	200	212	209	ug/L	EPA 8260B	1/25/07	106	105	1.26	70-130	25
Methyl-t-Butyl Ether	54493-03	<0.50	40.0	40.0	43.0	42.6	ug/L	EPA 8260B	1/25/07	108	106	1.05	70-130	25
Benzene	54504-02	<0.50	40.0	40.0	38.6	37.4	ug/L	EPA 8260B	1/26/07	96.6	93.5	3.33	70-130	25
Toluene	54504-02	<0.50	40.0	40.0	38.7	38.0	ug/L	EPA 8260B	1/26/07	96.7	95.1	1.62	70-130	25
Tert-Butanol	54504-02	<5.0	200	200	190	192	ug/L	EPA 8260B	1/26/07	94.8	95.8	1.05	70-130	25
Methyl-t-Butyl Ether	54504-02	180	40.0	40.0	206	206	ug/L	EPA 8260B	1/26/07	74.5	76.6	2.78	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 54482

Date : 1/30/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0394	mg/Kg	EPA 8260B	1/24/07	98.7	70-130
Toluene	0.0394	mg/Kg	EPA 8260B	1/24/07	97.2	70-130
Tert-Butanol	0.197	mg/Kg	EPA 8260B	1/24/07	103	70-130
Methyl-t-Butyl Ether	0.0394	mg/Kg	EPA 8260B	1/24/07	114	70-130
Benzene	40.0	ug/L	EPA 8260B	1/26/07	105	70-130
Toluene	40.0	ug/L	EPA 8260B	1/26/07	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/26/07	98.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/26/07	100	70-130
Benzene	40.0	ug/L	EPA 8260B	1/25/07	96.3	70-130
Toluene	40.0	ug/L	EPA 8260B	1/25/07	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/25/07	97.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/25/07	88.6	70-130
Benzene	40.0	ug/L	EPA 8260B	1/25/07	91.0	70-130
Toluene	40.0	ug/L	EPA 8260B	1/25/07	86.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/25/07	87.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/25/07	96.7	70-130
Benzene	40.0	ug/L	EPA 8260B	1/25/07	91.1	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

Report Number : 54482

QC Report : Laboratory Control Sample (LCS)

Date : 1/30/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200,Task4**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	1/25/07	98.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/25/07	98.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/25/07	106	70-130
Benzene	40.0	ug/L	EPA 8260B	1/26/07	98.0	70-130
Toluene	40.0	ug/L	EPA 8260B	1/26/07	98.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/26/07	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/26/07	106	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

January 31, 2007

CLS Work Order #: CQA0774
COC #: 54482

Christie Dumas
KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project Name: CHP-Oakland

Enclosed are the results of analyses for samples received by the laboratory on 01/25/07 08:50. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: CHP-Oakland
Project Number: 78200, Task 4
Project Manager: Christie Dumas

CLS Work Order #: CQA0774
COC #: 54482

CQA0774

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

California Lab Services
3249 Fitzgerald Rd.
Rancho Cordova, CA 95742
tel: (916) 638-7301 Lab No. 54482 Page 1 of 1

Project Contact (Hardcopy or PDF to): Christie Dumas
EDF Report? ___ Yes _X_ No
Chain-of-Custody Record and Analysis Request
Company/Address: Kiff Analytical, LLC
Recommended but not mandatory to complete this section.
Sampling Company Log Code:
Analysis Request
Date due: January 31, 2007
Phone No.: FAX No.:
Global ID:
Project Number: 78200,Task4
P.O. No.: 54482
EDF Deliverable to (Email Address):
Project Name: CHP-OAKLAND
E-mail address: inbox@kiffanalytical.com
Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Container: Poly	Container: Sleeve	Container: Amber	Container: Glass Jar	Preservative: HNO3	Preservative: H2SO4	Preservative: Na2S2O3	Preservative: Zn(Ac)2 & NaOH	Preservative: NONE	Matrix: WATER	Matrix: SOIL	Matrix: Air	Dissolved Lead*	For Lab Use Only
CHP-GW12	01/24/06	08:45		1								1	X			X	X
CHP-GW11	01/24/06	10:15		1								1	X			X	X
CHP-GW10	01/24/06	11:40		1								1	X			X	X
CHP-GW9	01/24/06	12:45		1								1	X			X	X
CHP-GW6	01/24/06	14:30		1								1	X			X	X
CHP-GW8	01/24/06	16:35		1								1	X			X	X

Relinquished by	Date	Time	Received by
Kim Lee Kiff Analytical	012507	0850	
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by Laboratory
	1-25-7	0854	3°

Remarks: *Please filter & preserve
Bill to: Accounts Payable

CALIFORNIA LABORATORY SERVICES

01/31/07 16:54

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: CHP-Oakland
Project Number: 78200, Task 4
Project Manager: Christie Dumas

CLS Work Order #: CQA0774
COC #: 54482

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CHP-GW12 (CQA0774-01) Water	**Sampled: 01/24/07 08:45**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	
CHP-GW11 (CQA0774-02) Water	**Sampled: 01/24/07 10:15**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	
CHP-GW10 (CQA0774-03) Water	**Sampled: 01/24/07 11:40**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	
CHP-GW9 (CQA0774-04) Water	**Sampled: 01/24/07 12:45**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	
CHP-GW6 (CQA0774-05) Water	**Sampled: 01/24/07 14:30**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	
CHP-GW8 (CQA0774-06) Water	**Sampled: 01/24/07 16:35**	**Received: 01/25/07 08:50**							
Lead	ND	5.0	µg/L	1	CQ00704	01/26/07	01/29/07	EPA 200.8	

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: CHP-Oakland
Project Number: 78200, Task 4
Project Manager: Christie Dumas

CLS Work Order #: CQA0774
COC #: 54482

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ00704 - EPA 3020A										
Blank (CQ00704-BLK1)				Prepared: 01/26/07 Analyzed: 01/29/07						
Lead	ND	5.0	µg/L							
LCS (CQ00704-BS1)				Prepared: 01/26/07 Analyzed: 01/29/07						
Lead	98.3	5.0	µg/L	100		98.3	80-120		20	
LCS Dup (CQ00704-BSD1)				Prepared: 01/26/07 Analyzed: 01/29/07						
Lead	97.6	5.0	µg/L	100		97.6	80-120	0.715	20	
Matrix Spike (CQ00704-MS1)		**Source: CQA0788-01**		Prepared: 01/26/07 Analyzed: 01/29/07						
Lead	99.8	5.0	µg/L	100	0.39	99.4	75-125		25	
Matrix Spike Dup (CQ00704-MSD1)		**Source: CQA0788-01**		Prepared: 01/26/07 Analyzed: 01/29/07						
Lead	99.3	5.0	µg/L	100	0.39	98.9	75-125	0.502	25	

CALIFORNIA LABORATORY SERVICES

01/31/07 16:54

KIFF Analytical	Project: CHP-Oakland	
2795 Second St. Suite 300	Project Number: 78200, Task 4	**CLS Work Order #: CQA0774**
Davis, CA 95616	Project Manager: Christie Dumas	COC #: 54482

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Calscience
Environmental
Laboratories, Inc.

January 31, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-01-1455**
Client Reference: CHP-OAKLAND

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/26/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	01/26/07
2795 2nd Street, Suite 300		Work Order No:	07-01-1455
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP12-13	**07-01-1455-1**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	5.95	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP11-10	**07-01-1455-2**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	5.73	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP10-16	**07-01-1455-3**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	3.99	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP9-16	**07-01-1455-4**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	4.29	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP6-18	**07-01-1455-5**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	4.22	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP8-18	**07-01-1455-6**	**01/24/07**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	3.93	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 01/26/07
Work Order No: 07-01-1455
Preparation: EPA 3050B
Method: EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-8,752**	**N/A**	**Solid**	**01/26/07**	**01/30/07**	**070126L11**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received: 01/26/07
2795 2nd Street, Suite 300	Work Order No: 07-01-1455
Davis, CA 95616-6593	Preparation: EPA 3050B
	Method: EPA 6010B

Project CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-01-1450-17	**Solid**	**ICP 3300**	**01/26/07**	**01/30/07**	**070126S11**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	4X	4X	75-125	4X	0-20	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-01-1455
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-8,752	**Solid**	**ICP 3300**	**01/30/07**	**070126-I-11**	**070126L11**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	25.7	103	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-01-1455

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 1455

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Global ID:

Phone No.: FAX No.:

Project Number: 78200,Task4

P.O. No.: 54482

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	WATER	SOIL	Air	Total Lead by EPA 6010								January 31, 2007	
CHP12-13	01/24/07	08:20					2					1		X		X								X	
CHP11-10	01/24/07	09:50					2					1		X		X								X	
CHP10-16	01/24/07	11:05					2					1		X		X								X	
CHP9-16	01/24/07	12:33					2					1		X		X								X	
CHP6-18	01/24/07	14:14					2					1		X		X								X	
CHP8-18	01/24/07	16:20					2					1		X		X								X	

Relinquished by: HKK Kiff Analytical	Date 012507	Time 1900	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 1/26/07	Time 0800	Received by Laboratory:

Remarks: 200 grams of each for TCLP and WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 01 - 1455

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff DATE: 1/26/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.9 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			~

Initial: JP

COMMENTS:

SAMPLE RECEIPT CHECKLIST

THIS PORTION TO BE FILLED OUT BY SAMPLE RECEIVER

SRG #: 54452

Project ID: CHP - OAKLAND

Method of receipt: ☑ Courier ☐ Over-the-counter ☐ Shipper

CHANGE ORDER INSTRUCTIONS: A **Change Order** must be initiated immediately to flag sample exceptions for Quality Assurance or Client Services follow up. Sections highlighted in ***bold, underlined italics*** require an explanation under the "Comments" section on page 2 and a Change Order.

For Shipments only: ☐ Cal. Overnight ☐ UPS ☐ Fed Ex ☐ Other _____

Container(s) received: Initial _____ Date _____ Time _____

Containers received _____ (Notate separate temp. for projects split in multiple coolers)

Is COC present? ☐ Yes ☑ ***No*** Custody seals intact on shipping container? ☐ Intact ☑ ***Not Intact*** ☐ Not present

Condition of COC:

Is the following COC relinquishment information for the client present?

Signature:	☑ Signed, in my presence	☐ Signed, not in my presence	☑ ***Not signed***
Date:	☑ Signed, in my presence	☐ Signed, not in my presence	☐ Not signed
Time:	☑ Signed, in my presence	☐ Signed, not in my presence	☐ Not signed

Is analysis or hold requested for all samples? ☑ Yes ☐ ***No***

Is the turnaround time indicated? ☑ Yes ☐ ***No***

Sample Environment:

Cooling agent? ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ None (includes water) ☐ Other_____

Temperatures taken upon arrival at lab, while samples are still inside cooler container and documented on COC: ☑ Yes ☐ ***No***

Taken of: ☑ Samples ☐ Temperature blank ☐ Other_____ ☐ N/A

Change Order required if:

* ***the temperature is over 6 °C and samples were sampled on a day other than today's receipt date*** *- or -*
* ***the temperature is over 6 °C and no coolant is present***
  * ***OTC receipts: if no coolant present, ask client if and what type of coolant was used during sample transport to the lab; document type of coolant used (or lack of coolant) on the Change Order.***

Sample Condition:

Custody seals intact on individual sample containers?	☐ Intact	☐ ***Not Intact***	☐ Not present	
Are any sample containers broken, leaking or damaged?	☐ ***Yes***	☑ No		
Are samples within holding time for analyses requested?	☑ Yes	☐ ***No***		
Are correct sample containers used for analyses requested?	☑ Yes	☐ ***No***		
Are preservatives indicated?	☐ Yes, on COC	☑ Yes, on sample containers	☐ ***Not indicated***	☐ N/A
Were the correct preservatives used for analyses requested?	☑ Yes	☐ ***No***	☐ N/A	
Is there sufficient sample to perform in-house testing?	☑ Yes	☐ ***No***		
Can all sample containers be identified with the COC?	☑ Yes	☐ ***No***		

Are there any samples with matrices other than soil, water or air (including, but not limited to plant material, carbon, filters, product samples, oil or other liquids)? ☐ ***Yes*** ☑ No

Matrix WA	Container type VOA	# of containers received 24
Matrix WA	Container type POLY	# of containers received 6
Matrix SO	Container type SLEEVE	# of containers received 6

Received by: Initial CW Date 012407 Time 918

THIS PORTION TO BE FILLED OUT BY QUICKLOGGER

Sample Information:

Do sample container labels match COC? (If no, make comments in "Comments" section).

Project I.D.	☑ Yes	☐ No	
Sample I.D.	☑ Yes	☐ No	◯ Bubble size
Sampling date	☑ Yes	☐ No	↕ Sediment
Sampling time	☑ Yes	☐ No	

Water samples (VOAs only): ☑ Checked for bubbles and sediment > ¼ inch for input into Quicklog. ☐ N/A

Samples labeled by: Initial JA Date 012407 Time 2009

SRG #: 54482

COMMENTS

(INITIAL, DATE, AND TIME all comments)

THIS PORTION TO BE FILLED OUT BY SECONDARY REVIEWER**

Secondary review by: Initial CIY Date 012407 Time 2015 SR Tracker Log Completed: ☐+

(** Reviewer cannot be the Quicklogger and must be a trained and qualified member of personnel)

INTERNAL CHAIN OF CUSTODY

Sample I.D.	Relinquished by	Received by	Date	Time	Reason for Transfer
54482 (01-12)	CIY	Temp	012407	1125	Receipt
54482 (01-12)	Temp	DA	012407	2000	
54482 (01-12)	DA	Temp	012407	2010	Need 2°
54482 (01-12)	Temp	CIY	012407	2011	2°
54482 (01,03,05,08,10,12)	CIY	Box 30	012407	2015	
54482 (02,04,06,07,09,11)	CIY	Box 365	012407	2015	

KLEINFELDER

54501

PROJECT NO. 78200 TASK3 | PROJECT NAME CHP-OAKLAND

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

RECEIVING LAB: KIFF

INSTRUCTIONS/REMARKS: STD TAT
RETAIN SOIL SAMPLES PENDING FURTHER ANALYSIS (TCLP, WET)

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS 8260*	LEAD** (TLC)
1	1/25/07	0813	CHP5-1	SOIL	1	~~JAR~~ TUBE		X
2	1/25/07	0801	CHP5-2	SOIL	1	TUBE		X
3	1/25/07	0930	CHP-GW5	WATER	1	POLY		X
4	1/25/07	0900	CHP4-1	SOIL	1	~~JAR~~ TUBE		X
5	1/25/07	0855	CHP4-2	SOIL	1	TUBE		X
6	1/25/07	1004	CHP3-1	SOIL	1	~~JAR~~ TUBE		X
7	1/25/07	0940	CHP3-2	SOIL	1	TUBE		X
8	1/25/07	1059	CHP2-1	SOIL	1	~~JAR~~ TUBE		X
9	1/25/07	1042	CHP2-2	SOIL	1	TUBE		X
10	1/25/07	1020	CHP-GW4	WATER	1	POLY		X
11	1/25/07	~~1114~~ 1115	CHP-GW3	WATER	1	POLY		X
12	1/25/07	1130	CHP-GW2	WATER	1	POLY		X
13	1/25/07	1220	CHP-GW1	WATER	5	4 VOA 1 POLY	X	X
14	1/25/07	1145	CHP1-1	SOIL	1	~~JAR~~ TUBE		X
15	1/25/07	1147	CHP1-2	SOIL	1	TUBE		X
16	1/25/07	1206	CHP1-15	SOIL	1	TUBE	X	X
17								
18								
19								
20								

SAMPLE RECEIPT
Temp °C 4.3 Therm. ID# TP5
Initial AJC Date 012507
Time 1654 Coolant present: 0 N/O

Relinquished by: (Signature)	Date/Time 1/25/07 1630	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time 012507 1635	Received for Laboratory by: (Signature) KIFF Analytical

Instructions/Remarks:
*8260: BTEX, FUEL OXYS, FUEL ADDITIVES, TPHg
** FILTER LEAD SAMPLES IN LAB

Send Results To:
KLEINFELDER - OAKLAND
~~7133 KOLL CENTER PARKWAY~~
~~SUITE 100~~
~~PLEASANTON, CA 94566~~
~~(925) 484-1700~~
Attn: NADIA BORISOVA

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

CHAIN OF CUSTODY

№ 4246

KIFF Analytical LLC

Report Number : 54501
Date : 1/31/2007

Nadia Borisova
Kleinfelder, Inc.
1970 Broadway, Suite 710
Oakland, CA 94612

Subject : 1 Soil Sample and 1 Water Sample
Project Name : CHP-OAKLAND
Project Number : 78200 TASK3

Dear Ms. Borisova,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 54501
Date : 1/31/2007

Subject : 1 Soil Sample and 1 Water Sample
Project Name : CHP-OAKLAND
Project Number : 78200 TASK3

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample CHP1-15 for the analytes Benzene, Toluene were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54501

Date : 1/31/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200 TASK3**

Sample : **CHP-GW1** Matrix : Water Lab Number : 54501-13

Sample Date :1/25/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/27/2007
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/27/2007
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	1/27/2007
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	1/27/2007
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	1/27/2007
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	1/27/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54501

Date : 1/31/2007

Project Name : **CHP-OAKLAND**

Project Number : **78200 TASK3**

Sample : **CHP1-15** Matrix : Soil Lab Number : 54501-16

Sample Date :1/25/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Diisopropyl ether (DIPE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Ethyl-t-butyl ether (ETBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Tert-amyl methyl ether (TAME)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Tert-Butanol	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	1/26/2007
1,2-Dichloroethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
1,2-Dibromoethane	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	1/26/2007
Toluene - d8 (Surr)	95.9		% Recovery	EPA 8260B	1/26/2007
4-Bromofluorobenzene (Surr)	111		% Recovery	EPA 8260B	1/26/2007
1,2-Dichloroethane-d4 (Surr)	99.7		% Recovery	EPA 8260B	1/26/2007

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54501

Date : 1/31/2007

QC Report : Method Blank Data

Project Name : **CHP-OAKLAND**

Project Number : **78200 TASK3**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Diisopropyl ether (DIPE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Ethyl-t-butyl ether (ETBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-amyl methyl ether (TAME)	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Tert-Butanol	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	1/25/2007
1,2-Dichloroethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
1,2-Dibromoethane	< 0.0050	0.0050	mg/Kg	EPA 8260B	1/25/2007
Toluene - d8 (Surr)	99.2		%	EPA 8260B	1/25/2007
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	1/25/2007
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	1/25/2007
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/27/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/27/2007
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	1/27/2007
Toluene - d8 (Surr)	99.3		%	EPA 8260B	1/27/2007
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	1/27/2007
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	1/27/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 54501

Date : 1/31/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **CHP-OAKLAND**

Project Number : **78200 TASK3**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	54478-05	<0.0050	0.0398	0.0399	0.0264	0.0257	mg/Kg	EPA 8260B	1/25/07	66.4	64.3	3.27	70-130	25
Toluene	54478-05	<0.0050	0.0398	0.0399	0.0188	0.0172	mg/Kg	EPA 8260B	1/25/07	47.2	43.0	9.29	70-130	25
Tert-Butanol	54478-05	<0.0050	0.199	0.200	0.177	0.161	mg/Kg	EPA 8260B	1/25/07	89.2	80.7	10.1	70-130	25
Methyl-t-Butyl Ether	54478-05	<0.0050	0.0398	0.0399	0.0316	0.0309	mg/Kg	EPA 8260B	1/25/07	79.4	77.5	2.50	70-130	25
Benzene	54515-03	<0.50	40.0	40.0	40.2	38.1	ug/L	EPA 8260B	1/27/07	101	95.2	5.52	70-130	25
Toluene	54515-03	<0.50	40.0	40.0	39.5	37.8	ug/L	EPA 8260B	1/27/07	98.8	94.4	4.52	70-130	25
Tert-Butanol	54515-03	<5.0	200	200	196	193	ug/L	EPA 8260B	1/27/07	97.8	96.5	1.38	70-130	25
Methyl-t-Butyl Ether	54515-03	7.7	40.0	40.0	50.9	49.1	ug/L	EPA 8260B	1/27/07	108	104	4.39	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Report Number : 54501

Date : 1/31/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **CHP-OAKLAND**

Project Number : **78200 TASK3**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0399	mg/Kg	EPA 8260B	1/25/07	91.8	70-130
Toluene	0.0399	mg/Kg	EPA 8260B	1/25/07	95.2	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	1/25/07	92.0	70-130
Methyl-t-Butyl Ether	0.0399	mg/Kg	EPA 8260B	1/25/07	84.4	70-130
Benzene	40.0	ug/L	EPA 8260B	1/27/07	98.2	70-130
Toluene	40.0	ug/L	EPA 8260B	1/27/07	99.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/27/07	94.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/27/07	110	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

Calscience Environmental Laboratories, Inc.

February 01, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-01-1551**
Client Reference: CHP-OAKLAND

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/27/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	01/27/07
2795 2nd Street, Suite 300		Work Order No:	07-01-1551
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP5-1	**07-01-1551-1**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	11.5	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP5-2	**07-01-1551-2**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	6.31	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP4-1	**07-01-1551-3**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	8.47	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP4-2	**07-01-1551-4**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	562	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP3-1	**07-01-1551-5**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	6.62	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP3-2	**07-01-1551-6**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	37.0	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	01/27/07
2795 2nd Street, Suite 300		Work Order No:	07-01-1551
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP2-1	**07-01-1551-7**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	7.28	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP2-2	**07-01-1551-8**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	64.2	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP1-1	**07-01-1551-9**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	7.23	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP1-2	**07-01-1551-10**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	125	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-8,755**	**N/A**	**Solid**	**01/29/07**	**01/30/07**	**070129L05**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical	Date Received: 01/27/07
2795 2nd Street, Suite 300	Work Order No: 07-01-1551
Davis, CA 95616-6593	Preparation: EPA 3050B
	Method: EPA 6010B

Project CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-01-1539-5	**Solid**	**ICP 3300**	**01/29/07**	**01/30/07**	**070129S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	116	96	75-125	14	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-01-1551
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-8,755	**Solid**	**ICP 3300**	**01/30/07**	**070129-I-05**	**070129L05**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	25.3	101	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-01-1551

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. _____ Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Phone No.: FAX No.:

Global ID:

Project Number: 78200,TASK3 P.O. No.: 54501

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Poly	Sleeve	Amber	Glass Jar	Preservative: HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	Matrix: WATER	SOIL	Air	Analysis Request: Total Lead by EPA 6010								Date due: February 2, 2007	For Lab Use Only
CHP5-1	01/25/07	0813					1					1		X		X								X	
CHP5-2	01/25/07	0801					1					1		X		X								X	
CHP4-1	01/25/07	0900					1					1		X		X								X	
CHP4-2	01/25/07	0855					1					1		X		X								X	
CHP3-1	01/25/07	1004					1					1		X		X								X	
CHP3-2	01/25/07	0940					1					1		X		X								X	
CHP2-1	01/25/07	1059					1					1		X		X								X	
CHP2-2	01/25/07	1042					1					1		X		X								X	
CHP1-1	01/25/07	1145					1					1		X		X								X	
CHP1-2	01/25/07	1147					1					1		X		X								X	

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks: 200 grams of each for TCLP and WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

1551

Lab No. _____ Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Phone No.: FAX No.:

Global ID:

Project Number: 78200,Task4 P.O. No.: 54482

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

	Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
		Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	WATER	SOIL	Air	Total Lead by EPA 6010								February 2, 2007	
1	CHP5-1	01/25/07	08:13					1					1		X		X								X	
2	CHP5-2	01/25/07	08:01					1					1		X		X								X	
3	CHP4-1	01/25/07	09:00					1					1		X		X								X	
4	CHP4-2	01/25/07	08:55					1					1		X		X								X	
5	CHP3-1	01/25/07	10:04					1					1		X		X								X	
6	CHP3-2	01/25/07	09:40					1					1		X		X								X	
7	CHP2-1	01/25/07	10:59					1					1		X		X								X	
8	CHP2-2	01/25/07	10:42					1					1		X		X								X	
9	CHP1-1	01/25/07	11:45					1					1		X		X								X	
10	CHP1-2	01/25/07	11:47					1					1		X		X								X	

	Date	Time	
Relinquished by: [signature]	01/26/07	1900	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by: G.O	Date 1/26/07	Time 1130	Received by Laboratory: [signature]

Remarks: 200 grams of each for TCLP and WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 01 - 1551

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff DATE: 1/27/07

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.7 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: HT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			
Tedlar bag(s) free of condensation			✓

Initial: HT

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

February 01, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-01-1553**
Client Reference: CHP-OAKLAND

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/27/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	01/27/07
2795 2nd Street, Suite 300		Work Order No:	07-01-1553
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP1-15	**07-01-1553-1**	**01/25/07**	**Solid**	**01/29/07**	**01/30/07**	**070129L16**

Parameter	Result	RL	DF	Qual	Units
Lead	5.96	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-8,759**	**N/A**	**Solid**	**01/29/07**	**01/30/07**	**070129L16**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 01/27/07
Work Order No: 07-01-1553
Preparation: EPA 3050B
Method: EPA 6010B

Project CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
CHP1-15	**Solid**	**ICP 3300**	**01/29/07**	**01/30/07**	**070129S16**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	93	93	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received:	N/A
Work Order No:	07-01-1553
Preparation:	EPA 3050B
Method:	EPA 6010B

Project: CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-8,759	**Solid**	**ICP 3300**	**01/30/07**	**070129-I-16**	**070129L16**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	26.1	104	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-01-1553

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

1553

Lab No. _____ Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Global ID:

Phone No.: FAX No.:

Project Number: 78200,TASK4

P.O. No.: 54501

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
Sample Designation	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	WATER	SOIL	Air	Total Lead by EPA 6010								February 1, 2007	
01 CHP1-15	01/25/07	1206					1					1		X		X								X	

Relinquished by:	Date	Time	Received by:
Ed W Ty - Kiff Analytical	012607	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by: G.D.	Date 1/27/07	Time 1130	Received by Laboratory:

Remarks: 200 grams of each for TCLP and WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 01 - 1553

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff DATE: 1/27/07

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.7 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: HT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			
Tedlar bag(s) free of condensation			✓

Initial: HT

COMMENTS:

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 01, 2007

CLS Work Order #: CQA0813
COC #: 54501

Christie Dumas
KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project Name: CHP-Oakland

Enclosed are the results of analyses for samples received by the laboratory on 01/26/07 09:17. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

02/01/07 13:57

KIFF Analytical 2795 Second St. Suite 300 Davis, CA 95616	Project: CHP-Oakland Project Number: 78200,TASK4 Project Manager: Christie Dumas	**CLS Work Order #: CQA0813** COC #: 54501

CQA0813

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

California Lab Services
3249 Fitzgerald Rd.
Rancho Cordova, CA 95742
tel: (916) 638-7301 Lab No: 54501 Page 1 of 1

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? ___ Yes _X_ No

Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:
Sampling Company Log Code:

Phone No.: FAX No.:

Global ID:

Project Number: 78200,TASK4 P.O. No.: 54501

EDF Deliverable to (Email Address):

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

Analysis Request

Date due: February 1, 2007

For Lab Use Only

Sample Designation	Sampling Date	Sampling Time	Container: VOA	Container: Poly	Container: Sleeve	Container: Amber	Container: Glass Jar	Preservative: HNO3	Preservative: H2SO4	Preservative: Na2S2O3	Preservative: ZnAc/ NaOH	Preservative: NONE	Matrix: WATER	Matrix: SOIL	Matrix: Air	Dissolved Lead*									
CHP-GW5	01/25/07	0830		1								1	X			X								X	
CHP-GW4	01/25/07	1020		1								1	X			X								X	
CHP-GW3	01/25/07	1115		1								1	X			X								X	
CHP-GW2	01/25/07	1130		1								1	X			X								X	
CHP-GW1	01/25/07	1220		1								1	X			X								X	

Relinquished by: Kiff Analytical	Date: 01/26/07	Time: 0917	Received by:	Remarks: *Please filter & preserve
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date: 1/26/07	Time: 1917	Received by Laboratory:	Bill to: Accounts Payable

CALIFORNIA LABORATORY SERVICES

02/01/07 13:57

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: CHP-Oakland
Project Number: 78200,TASK4
Project Manager: Christie Dumas

CLS Work Order #: CQA0813
COC #: 54501

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CHP-GW5 (CQA0813-01) Water	**Sampled: 01/25/07 08:30**	**Received: 01/26/07 09:17**							
Lead	ND	5.0	µg/L	1	CQ00746	01/29/07	01/29/07	EPA 200.8	
CHP-GW4 (CQA0813-02) Water	**Sampled: 01/25/07 10:20**	**Received: 01/26/07 09:17**							
Lead	ND	5.0	µg/L	1	CQ00746	01/29/07	01/29/07	EPA 200.8	
CHP-GW3 (CQA0813-03) Water	**Sampled: 01/25/07 11:15**	**Received: 01/26/07 09:17**							
Lead	ND	5.0	µg/L	1	CQ00746	01/29/07	01/29/07	EPA 200.8	
CHP-GW2 (CQA0813-04) Water	**Sampled: 01/25/07 11:30**	**Received: 01/26/07 09:17**							
Lead	ND	5.0	µg/L	1	CQ00746	01/29/07	01/29/07	EPA 200.8	
CHP-GW1 (CQA0813-05) Water	**Sampled: 01/25/07 12:20**	**Received: 01/26/07 09:17**							
Lead	ND	5.0	µg/L	1	CQ00746	01/29/07	01/29/07	EPA 200.8	

CALIFORNIA LABORATORY SERVICES

02/01/07 13:57

KIFF Analytical
2795 Second St. Suite 300
Davis, CA 95616

Project: CHP-Oakland
Project Number: 78200,TASK4
Project Manager: Christie Dumas

CLS Work Order #: CQA0813
COC #: 54501

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CQ00746 - EPA 3020A										
Blank (CQ00746-BLK1)				Prepared & Analyzed: 01/29/07						
Lead	ND	5.0	µg/L							
LCS (CQ00746-BS1)				Prepared & Analyzed: 01/29/07						
Lead	96.7	5.0	µg/L	100		96.7	80-120		20	
LCS Dup (CQ00746-BSD1)				Prepared & Analyzed: 01/29/07						
Lead	96.9	5.0	µg/L	100		96.9	80-120	0.207	20	
Matrix Spike (CQ00746-MS1)		**Source: CQA0832-01**		Prepared & Analyzed: 01/29/07						
Lead	98.0	5.0	µg/L	100	ND	98.0	75-125		25	
Matrix Spike Dup (CQ00746-MSD1)		**Source: CQA0832-01**		Prepared & Analyzed: 01/29/07						
Lead	97.6	5.0	µg/L	100	ND	97.6	75-125	0.409	25	

CALIFORNIA LABORATORY SERVICES

02/01/07 13:57

KIFF Analytical	Project: CHP-Oakland	
2795 Second St. Suite 300	Project Number: 78200,TASK4	**CLS Work Order #: CQA0813**
Davis, CA 95616	Project Manager: Christie Dumas	COC #: 54501

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Calscience
Environmental
Laboratories, Inc.

Supplemental Report 1

February 16, 2007

Additional requested analyses are reported as a stand-alone report.

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.:** **07-01-1551**
Client Reference: **CHP-OAKLAND**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/27/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	01/27/07
2795 2nd Street, Suite 300		Work Order No:	07-01-1551
Davis, CA 95616-6593		Preparation:	T22.11.5.All DI
		Method:	EPA 6010B

Project: CHP-OAKLAND

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
CHP4-2	**07-01-1551-4**	**01/25/07**	**Solid**	**ICP 3300**	**02/13/07**	**02/16/07**	**070216L03**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
CHP2-2	**07-01-1551-8**	**01/25/07**	**Solid**	**ICP 3300**	**02/13/07**	**02/16/07**	**070216L03**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
CHP1-2	**07-01-1551-10**	**01/25/07**	**Solid**	**ICP 3300**	**02/13/07**	**02/16/07**	**070216L03**

Parameter	Result	RL	DF	Qual	Units
Lead	0.116	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-05-006-3,412**	**N/A**	**Solid**	**ICP 3300**	**02/13/07**	**02/16/07**	**070216L03**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.100	1		mg/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 01/27/07
Work Order No: 07-01-1551
Preparation: T22.11.5.All DI
Method: EPA 6010B

Project CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-02-0802-1	**Solid**	**ICP 3300**	**02/13/07**	**02/16/07**	**070216S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	97	93	75-125	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical	Date Received: N/A
2795 2nd Street, Suite 300	Work Order No: 07-01-1551
Davis, CA 95616-6593	Preparation: T22.11.5.All DI
	Method: EPA 6010B

Project: CHP-OAKLAND

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-05-006-3,412	**Solid**	**ICP 3300**	**02/16/07**	**070216-I-03**	**070216L03**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	5.00	5.15	103	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-01-1551

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Revised

Lab No. _____ Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Phone No.: FAX No.:

Global ID:

Project Number: 78200,TASK3 P.O. No.: 54501

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	WATER	SOIL	Air	Total Lead by EPA 6010	DI WET Lead by 6010							February 15, 2007	
CHP5-1	01/25/07	0813					1					1		X											
CHP5-2	01/25/07	0801					1					1		X											
CHP4-1	01/25/07	0900					1					1		X											
CHP4-2	01/25/07	0855					1					1		X			X							X	
CHP3-1	01/25/07	1004					1					1		X											
CHP3-2	01/25/07	0940					1					1		X											
CHP2-1	01/25/07	1059					1					1		X											
CHP2-2	01/25/07	1042					1					1		X			X							X	
CHP1-1	01/25/07	1145					1					1		X											
CHP1-2	01/25/07	1147					1					1		X			X							X	

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks: Sent 200 grams of each for WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

KIFF Analytical LLC
2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

1551

Lab No. _____ Page 1 of 1

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? _X_ Yes __No

Chain-of-Custody Record and Analysis Request

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: KFO

Phone No.: FAX No.:

Global ID:

Project Number: 78200, Task4 | P.O. No.: 54482

EDF Deliverable to (Email Address): nborisova@kleinfelder.com

Project Name: CHP-OAKLAND

E-mail address: inbox@kiffanalytical.com

Project Address:

	Sample Designation	Sampling Date	Sampling Time	Container: VOA	Poly	Sleeve	Amber	Glass Jar	Preservative: HNO3	H2SO4	Na2S2O3	ZnAc2 & NaOH	NONE	Matrix: WATER	SOIL	Air	Analysis Request: Total Lead by EPA 6010								Date due: February 2, 2007	For Lab Use Only
1	CHP5-1	01/25/07	08:13					1					1		X		X								X	
2	CHP5-2	01/25/07	08:01					1					1		X		X								X	
3	CHP4-1	01/25/07	09:00					1					1		X		X								X	
4	CHP4-2	01/25/07	08:55					1					1		X		X								X	
5	CHP3-1	01/25/07	10:04					1					1		X		X								X	
6	CHP3-2	01/25/07	09:40					1					1		X		X								X	
7	CHP2-1	01/25/07	10:59					1					1		X		X								X	
8	CHP2-2	01/25/07	10:42					1					1		X		X								X	
9	CHP1-1	01/25/07	11:45					1					1		X		X								X	
10	CHP1-2	01/25/07	11:47					1					1		X		X								X	

Relinquished by:	Date	Time	Received by:
[illegible]	01/26/07	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by: G.O	Date 1/26/07	Time 1130	Received by Laboratory: [illegible]

Remarks: 200 grams of each for TCLP and WET Lead analysis, pending Total Lead results.

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 01 - 1551

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff DATE: 1/27/07

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.7 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: HT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			
VOA vial(s) free of headspace.			
Tedlar bag(s) free of condensation			✓

Initial: HT

COMMENTS:

KLEINFELDER

54501

PROJECT NO.	PROJECT NAME	RECEIVING LAB:
78200 TASK 3	CHP - OAKLAND	KIFF
L.P. NO. (P.O. NO.)	SAMPLERS: (Signature/Number)	INSTRUCTIONS/REMARKS
	J. WILLIAMS	STD TAT RETAIN SOIL SAMPLES PENDING FURTHER ANALYSIS (TCLP, WET)

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS 8260*	LEAD** (TTLC)	
1	1/25/07	0813	CHP5-1	SOIL	1	TUBE		X	01
2	1/25/07	0801	CHP5-2	SOIL	1	TUBE		X	02
3	1/25/07	0930	CHP-GW5	WATER	1	POLY		X	03
4	1/25/07	0900	CHP4-1	SOIL	1	TUBE		X	04
5	1/25/07	0855	CHP4-2	SOIL	1	TUBE		X	05
6	1/25/07	1004	CHP3-1	SOIL	1	TUBE		X	06
7	1/25/07	0940	CHP3-2	SOIL	1	TUBE		X	07
8	1/25/07	1059	CHP2-1	SOIL	1	TUBE		X	08
9	1/25/07	1042	CHP2-2	SOIL	1	TUBE		X	09
10	1/25/07	1020	CHP-GW4	WATER	1	POLY		X	10
11	1/25/07	1115	CHP-GW3	WATER	1	POLY		X	11
12	1/25/07	1130	CHP-GW2	WATER	1	POLY		X	12
13	1/25/07	1220	CHP-GW1	WATER	5	4 VOA 1 POLY	X	X	13
14	1/25/07	1145	CHP1-1	SOIL	1	TUBE		X	14
15	1/25/07	1147	CHP1-2	SOIL	1	TUBE		X	15
16	1/25/07	1206	CHP1-15	SOIL	1	TUBE	X	X	16
17									
18									
19									
20									

SAMPLE RECEIPT
Temp °C 4.8 Therm. ID# TB5
Initial AJC Date 012507
Time 1654 Coolant present: Y N

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	1/25/07 1630	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	012507 1635	KIFF

Instructions/Remarks:

*8260: BTEXS FUEL OXYS, FUEL ADDITIVES, TPHg

** FILTER LEAD SAMPLES IN LAB

Send Results To:

KLEINFELDER - OAKLAND
~~7133 KOLL CENTER PARKWAY~~
~~SUITE 100~~
~~PLEASANTON, CA 94566~~
~~(925) 484-1700~~

Attn: NADIA BORISOVA

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

CHAIN OF CUSTODY

№ 4246

SAMPLE RECEIPT CHECKLIST

THIS PORTION TO BE FILLED OUT BY SAMPLE RECEIVER

SRG #: 54501

Project ID: CHP- Oakland

Method of receipt: ☒ Courier ☐ Over-the-counter ☐ Shipper

CHANGE ORDER INSTRUCTIONS: A **Change Order** must be initiated immediately to flag sample exceptions for Quality Assurance or Client Services follow up. Sections highlighted in ***bold, underlined italics*** require an explanation under the "Comments" section on page 2 and a Change Order.

For Shipments only: ☐ Cal. Overnight ☐ UPS ☐ Fed Ex ☐ Other _____

Container(s) received: Initial _____ Date _____ Time _____

Containers received _____ (Notate separate temp. for projects split in multiple coolers)

Is COC present? ☐ Yes ☐ ***No*** Custody seals intact on shipping container? ☐ Intact ☐ ***Not Intact*** ☐ Not present

Condition of COC:

Is the following COC relinquishment information for the client present?

Signature:	☒ Signed, in my presence	☐ Signed, not in my presence	☐ ***Not signed***
Date:	☒ Signed, in my presence	☐ Signed, not in my presence	☐ Not signed
Time:	☒ Signed, in my presence	☐ Signed, not in my presence	☐ Not signed

Is analysis or hold requested for all samples? ☒ Yes ☐ ***No***

Is the turnaround time indicated? ☒ Yes ☐ ***No***

Sample Environment:

Cooling agent? ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ None (includes water) ☐ Other_____

Temperatures taken upon arrival at lab, while samples are still inside cooler container and documented on COC: ☒ Yes ☐ ***No***

Taken of: ☒ Samples ☐ Temperature blank ☐ Other_____ ☐ N/A

Change Order required if:

* ***the temperature is over 6 °C and samples were sampled on a day other than today's receipt date*** - or -
* ***the temperature is over 6 °C and no coolant is present***
  * ***OTC receipts: if no coolant present, ask client if and what type of coolant was used during sample transport to the lab; document type of coolant used (or lack of coolant) on the Change Order.***

Sample Condition:

Custody seals intact on individual sample containers? ☐ Intact ☐ ***Not Intact*** ☒ Not present

Are any sample containers broken, leaking or damaged? ☐ ***Yes*** ☒ No

Are samples within holding time for analyses requested? ☒ Yes ☐ ***No***

Are correct sample containers used for analyses requested? ☒ Yes ☐ ***No***

Are preservatives indicated? ☐ Yes, on COC ☒ Yes, on sample containers ☐ ***Not indicated*** ☐ N/A

Were the correct preservatives used for analyses requested? ☒ Yes ☐ ***No*** ☐ N/A

Is there sufficient sample to perform in-house testing? ☒ Yes ☐ ***No***

Can all sample containers be identified with the COC? ☒ Yes ☐ ***No***

Are there any samples with matrices other than soil, water or air (including, but not limited to plant material, carbon, filters, product samples, oil or other liquids)? ☐ ***Yes*** ☒ No

Matrix WA	Container type VOA	# of containers received 4
Matrix WA	Container type VOA	# of containers received 5
Matrix SO	Container type Tube	# of containers received 5
SO	Jar	

Received by: Initial AD Date 01/25/07 Time 1852

THIS PORTION TO BE FILLED OUT BY QUICKLOGGER

Sample Information:

Do sample container labels match COC? (If no, make comments in "Comments" section).

Project I.D.	☒ Yes	☐ No
Sample I.D.	☒ Yes	☐ No
Sampling date	☒ Yes	☐ No
Sampling time	☒ Yes	☐ No

Bubble size ◯ Sediment ▲▼

Water samples (VOAs only): ☒ Checked for bubbles and sediment > ¼ inch for input into Quicklog. ☐ N/A

Samples labeled by: Initial DA Date 01/25/07 Time 1945

SRG #: 54501

COMMENTS

(INITIAL, DATE, AND TIME all comments)

THIS PORTION TO BE FILLED OUT BY SECONDARY REVIEWER**

Secondary review by: Initial KT Date 012507 Time 2043 SR Tracker Log Completed: ☒

(** Reviewer cannot be the Quicklogger and must be a trained and qualified member of personnel)

INTERNAL CHAIN OF CUSTODY

Sample I.D.	Relinquished by	Received by	Date	Time	Reason for Transfer
54501 (01-16)	ADG	Temp	01250?	1858	Receipt
54501 (01-16)	Temp	DA	01250?	1920	
54501 (01-16)	DA	Temp	01250?	1946	Melody
54501 (01-16)	Temp	KT	012507	2030	Doing 2°
54501 (04,11,09,07, 01,02,04,03, 14,15,16)	KT	Temp	012507	2035	Box 337-4410
54501 (13)	KT	Temp	012507	2040	Box 210
54501 (03,12,11,10)	KT	Temp	012507	2043	Sub out

KLEINFELDER

54745

PROJECT NO.	PROJECT NAME
78200	CHP Oakland

L.P. NO. (P.O. NO.):

SAMPLERS: (Signature/Number): for John Williams

RECEIVING LAB: Kiff

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS *	ANALYSIS: Total Lead (6010B)	INSTRUCTIONS/REMARKS: Standard TAT
1	1-25-07	11:50	CHP1-3	soil	1	tube	X	-01
2		11:55	CHP1-4				X	-02
3		10:43	CHP2-3				X	save remainder for possible further testing -03
4		10:44	CHP2-4				X	-04
5		09:43	CHP4-3				X	-05
6		09:45	CHP4-4				X	-06
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

SAMPLE RECEIPT
Temp °C 5.6 Therm. ID# IR-5
Initial Rm Date 020807
Time 1522 Coolant present: (Yes) No

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	2-8-07 1348	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)
	020807 1348	for McLee Kiff Analytical

Instructions/Remarks:
* plastic Geoprobe tube

Send Results To:
KLEINFELDER
3077 FITE CIRCLE
SACRAMENTO, CA 95827-1815
(916) 366-1701
Attn: Eric Findlay
cc/ Nadia Borisova/Pam Wee/Sue

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

CHAIN OF CUSTODY

No 15179 Gardner

KIFF Analytical LLC

Report Number : 54745
Date : 02/13/2007

Eric Findlay
Kleinfelder, Inc.
3077 Fite Circle
Sacramento, CA 95827

Subject : 6 Samples
Project Name : CHP Oakland
Project Number : 78200

Dear Mr. Findlay,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Calscience
Environmental
Laboratories, Inc.

February 13, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.:** **07-02-0571**
Client Reference: **CHP Oakland**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/9/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical		Date Received:	02/09/07
2795 2nd Street, Suite 300		Work Order No:	07-02-0571
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP1-3	**07-02-0571-1**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	8.16	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP1-4	**07-02-0571-2**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	5.43	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP2-3	**07-02-0571-3**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	5.80	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP2-4	**07-02-0571-4**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	5.08	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP4-3	**07-02-0571-5**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	56.6	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
CHP4-4	**07-02-0571-6**	**01/25/07**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	5.26	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Kiff Analytical	Date Received:	02/09/07
2795 2nd Street, Suite 300	Work Order No:	07-02-0571
Davis, CA 95616-6593	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: CHP Oakland

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-8,803**	**N/A**	**Solid**	**02/09/07**	**02/10/07**	**070209L07**

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 02/09/07
Work Order No: 07-02-0571
Preparation: EPA 3050B
Method: EPA 6010B

Project CHP Oakland

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
CHP4-4	**Solid**	**ICP 3300**	**02/09/07**	**02/10/07**	**070209S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	96	95	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Kiff Analytical		Date Received:	N/A
2795 2nd Street, Suite 300		Work Order No:	07-02-0571
Davis, CA 95616-6593		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: CHP Oakland

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-8,803	**Solid**	**ICP 3300**	**02/10/07**	**070209-I-07**	**070209L07**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.0	25.8	103	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-02-0571

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

KIFF Analytical LLC

2795 Second Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Cal Science Environmental
7440 Lincoln Way
Garden Grove, CA 92841
714-895-5494

Lab No. 0571

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): Christie Dumas

EDF Report? ___ Yes _X_No

Company/Address: Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

Global ID:

Phone No.: FAX No.:

Project Number: 78200 P.O. No.: 54745

EDF Deliverable to (Email Address):

Project Name: CHP Oakland

E-mail address: inbox@kiffanalytical.com

Project Address:

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request								Date due:	For Lab Use Only
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO_3	H_2SO_4	$Na_2S_2O_3$	$ZnAc_2$ & NaOH	NONE	WATER	SOIL	Air	Total Lead (6010B)								February 15, 2007	
CHP1-3	01/25/07	1150					1					X		X		X								X	
CHP1-4	01/25/07	1155					1					X		X		X								X	
CHP2-3	01/25/07	1043					1					X		X		X								X	
CHP2-4	01/25/07	1044					1					X		X		X								X	
CHP4-3	01/25/07	0943					1					X		X		X								X	
CHP4-4	01/25/07	0945					1					X		X		X								X	

Relinquished by:	Date	Time	Received by:
Hardip Kandola Kiff Analytical	020807	1900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	2/9/07	0815	Wchatm CCL

Remarks:

Bill to: Accounts Payable

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 02 - 0571

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL DATE: 2-9-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC			✓
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS: