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May 12, 2010

Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: First Quarter 2010 Groundwater Monitoring Report, 700 Independent Road, Oakland, California, Fuel Leak Case No. RO0002900

Dear Mr. Wickham,

Enclosed is a Groundwater Monitoring Report for the first quarter 2010 for the property located at 700 Independent Road, Oakland, California. The quarterly groundwater monitoring report was prepared by Kleinfelder Inc. on behalf of EOP – Industrial Portfolio, LLC. This report was prepared and is being submitted to Alameda Health Care Services Agency, Environmental Health Services pursuant to your request in a letter to Mr. James Soutter dated July 24, 2009.

I declare, under penalty of perjury, that the information and / or recommendations contained in the attached document is true and correct to the best of my knowledge.

Sincerely,
EOP – Industrial Portfolio, LLC.

James Soutter
Director – Engineering

Enclosure: First Quarter 2010, Groundwater Monitoring Report, 700 Independent Road, Oakland, California

FIRST QUARTER 2010
GROUNDWATER MONITORING REPORT
700 INDEPENDENT ROAD
OAKLAND, CALIFORNIA

May 12, 2010

A Report Prepared for:

EOP - Industrial Portfolio, LLC
2 North Riverside Plaza – Suite 2100
Chicago, IL 60606

FIRST QUARTER 2010
GROUNDWATER MONITORING REPORT
700 INDEPENDENT ROAD
OAKLAND, CALIFORNIA

Kleinfelder Job No. 54504/10
Fuel Leak Case No. RO0002900

Prepared by:

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May 12, 2010

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1.0 INTRODUCTION

This report describes the first quarter 2010 groundwater monitoring activities at 700 Independent Road, Oakland California (the site). The work was performed by Kleinfelder for EOP - Industrial Portfolio, LLC (EOP) in response to a request by Alameda County Environmental Health Services (ACEHS) staff in a letter to EOP dated June 13, 2007.

Kleinfelder performed the following field tasks:

- Collection of groundwater samples from the five monitoring wells for total petroleum hydrocarbon and volatile organic chemical analysis;
- Measurement of groundwater levels in the five monitoring wells; and
- Containment of the purge water generated during groundwater sampling for subsequent disposal.

2.0 BACKGROUND INFORMATION

This section presents a brief description of the site and a summary of previously performed investigations at the site.

2.1 SITE DESCRIPTION

The site is approximately five acres in size and is located at 700 Independent Road, approximately 2,000 feet northwest of the Oakland Coliseum, in an industrial area of Oakland, California. The site is situated (Plate 1). A one-story warehouse building, a parking lot and a railroad spur occupy the site (Plate 2), which is currently leased for warehousing purposes.

Near surface soils consist of clays and silty-clays with sandy inter-beds. During drilling activities, first groundwater has generally been encountered at a depth of approximately eight to 10 feet below ground surface (bgs).

2.2 PREVIOUS INVESTIGATIONS

Previous environmental work at the site includes the discovery and removal of an approximately 1,100-gallon capacity underground storage tank (UST), formerly used for fuel storage, and three subsequent subsurface investigations.

2.2.1 UST Discovery and Removal

A subsurface investigation performed for a prospective purchaser of the 700 Independent Road property uncovered the presence of petroleum hydrocarbons in soil and groundwater near the loading dock at the site. As a follow-up to this discovery, Kleinfelder searched regulatory agency records, performed a geophysical survey and identified a UST and associated piping in the vicinity of the western end of the loading dock.

On August 17, 2005, under permit from the City of Oakland Fire Department, Golden Gate Tank Removal, Inc., a subcontractor of Kleinfelder, removed and disposed of one 1,100-gallon UST. Confirmation soil samples were collected from the sidewalls and bottom of the excavation pit, and the analytical results indicated the presence of

petroleum hydrocarbons at concentrations exceeding Regional Water Quality Control Board (RWQCB), San Francisco Bay Region Environmental Screening Levels (ESLs). A report documenting the UST removal process and summarizing the analytical results was prepared and submitted to the City of Oakland Fire Department on November 1, 2005. Based on the concentrations of petroleum hydrocarbons, the Fire Department referred the case to the ACEHS. The ACEHS became the lead government agency overseeing remedial actions at the site. The ACEHS assigned the Site Case Number RO0002900.

2.2.2 Subsequent Subsurface Investigations

In a letter dated February 24, 2006, the ACEHS requested that EOP prepare and implement a work plan to delineate the extent of petroleum hydrocarbon impacted soil and groundwater at the site. On July 24, 25 and August 10, 2006, Kleinfelder performed a subsurface investigation consisting of the collection and analyses of soil and groundwater samples from 13 locations in the vicinity of the former UST. The analytical results of the soil samples indicated the presence of Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene and xylenes, at concentrations up to 810 milligrams per kilogram (mg/Kg), 3,000 mg/Kg, and 33,000 mg/Kg, respectively.

In groundwater, TPH-g and Total Petroleum Hydrocarbons as diesel (TPH-d) were detected at concentrations up to 42,000 micrograms per liter (µg/L) and 4,190 µg/L, respectively. Benzene, toluene, ethylbenzene, and xylenes (BTEX) were reported at concentrations up to 13,800 µg/L, 929 µg/L, 2,810 µg/L, and 3,140 µg/L, respectively. The results of this investigation were summarized in the September 27, 2006 report titled *Site Field Investigation, 700 Independent Road, Oakland, California,* prepared by Kleinfelder.

In a letter dated October 6, 2006, the ACEHS requested that EOP prepare and implement a work plan to further delineate the horizontal and vertical extent of petroleum hydrocarbons at the site. Kleinfelder prepared the workplan, which included plans for a soil vapor survey to assess potential indoor vapor intrusion into the warehouse; installing three groundwater monitoring wells within the impacted area; performing a 2,000-foot radius groundwater well survey; identifying potential subsurface utility pathways; and uploading the site's information onto the GeoTracker system.

Between March 4 and 7, 2007, Kleinfelder collected subsurface soil, soil-vapor, and groundwater samples, and installed three monitoring wells (MW-1 through MW-3) at the site. No chemicals of concern were reported at or above the 2007 RWQCB ESLs in the soil-vapor samples. In subsurface soil and groundwater, the highest petroleum hydrocarbon concentrations were reported in soil boring K-19 and in monitoring well MW-2, both located in the immediate vicinity of the former UST. In the soil sample collected from boring K-19 at a depth of 18-feet to 20-feet bgs, BTEX was reported at 11 mg/Kg, 26 mg/Kg, 33 mg/Kg, and 170 mg/Kg, respectively. In addition, TPH-g and TPH-d were reported at 1,900 mg/Kg and 200 mg/Kg, respectively. In the groundwater sample from MW-2, TPH-g and benzene were reported at 38,000 µg/L and 11,600 µg/L, respectively.

The analytical results for TPH-g and TPH-d in soil and groundwater samples collected from monitoring well (MW-1) and boring (K-18), located approximately 70 to 90-feet east from the former UST location, were also elevated (Plate 3). In soil samples collected from MW-1, TPH-g and TPH-d were reported at up to 12,000 mg/Kg and 588 mg/Kg; and BTEX at 63 mg/Kg, 250 mg/Kg, 310 mg/Kg, and 1,200 mg/Kg, respectively at 19.5 feet bgs. In the groundwater sample from MW-1, TPH-g and benzene were reported at 3,300 µg/L and 162 µg/L respectively.

Based on the analytical results, the extent of petroleum hydrocarbons in soil and groundwater at the site was generally defined to the north, west, and south of the former UST. Kleinfelder summarized the field activities and analytical results of the investigation in a report titled *Further Site Investigation Report, 700 Independent Road, Oakland, California,* and dated May 11, 2007.

Following submittal of the *Further Site Investigation Report,* ACEHS requested additional subsurface investigation at the site to further characterize the vertical and horizontal extent of contamination associated with the former UST. Kleinfelder prepared and implemented the work plan for the requested investigation, which consisted of collecting and analyzing soil and groundwater samples from five borings (K-21 to K-25) and installing two additional groundwater monitoring wells (MW-4 and MW-5). This subsurface investigation was conducted from January 21 to January 31,

2008. In addition to the field work, the investigation assessed whether potential offsite sources have contributed to petroleum hydrocarbons found in the subsurface at the site.

During the January 2008 investigation, no chemicals of concern were reported in soil samples at concentrations above the laboratory's reporting limit. In the grab groundwater samples collected from the borings, no chemicals of concern were reported at concentrations at or above the laboratory's reporting limit, except for TPH-g and TPH-d in the groundwater samples collected from MW-4 and MW-5. In the samples from MW-4 and MW-5, TPH-g was reported slightly above the laboratory's 50 µg/L reporting limit, at 56-µg/L and 55-µg/L, respectively. In the sample collected from MW-5, TPH-d was reported at a concentration of 544 µg/L. All of these concentrations are below their respective and most current (May 2008) ESLs.

2.2.3 Previous Quarterly Groundwater Monitoring/Beneficial Use of Groundwater

Since March 2007, quarterly groundwater monitoring at the site has been conducted in MW-1, MW-2, and MW-3, and since January 2008 monitoring wells MW-4 and MW-5 have also been monitored. Table 1 presents the monitoring well construction details and Table 2 presents depth to water measurements and groundwater surface elevations. Table 3 presents final groundwater purge characteristics prior to sample collection and Table 4 presents a summary of the chemical data.

As part of the fourth quarter groundwater sampling event conducted in December 2007, analysis for total dissolved solids (TDS) was performed on groundwater samples collected from MW-1, MW-2, and MW-3 to confirm the high electrical conductivity (EC) measurements obtained with field instruments. Reported TDS levels ranged from 8,600,000 mg/L to 17,000,000 milligrams per liter (mg/L). The results are summarized in Table 4. San Francisco Regional Water Quality Control Board (SFRWQCB) Resolution No. 89-39, "Sources of Drinking Water," states that if the EC of groundwater exceeds 5000 uS/cm EC (3,000 mg/L TDS) the water is not expected to be reasonably suitable to supply a public water system. Therefore, based on Resolution 89-39 and the TDS data from the ground-water samples collected in December 2007, groundwater beneath the 700 Independent Road property cannot reasonably be considered to have an actual or potential beneficial use as a source for drinking water.

On May 13, 2008, in a letter addressed to James Soutter, the ACEHS concluded that the extent of the extent of petroleum contamination at the site has been defined and that no further investigations are required at the time.

2.2.4 Chemical Injection Pilot Test

On December 2008, Kleinfelder performed a pilot test to assess the effectiveness of in situ chemical oxidation to treat petroleum hydrocarbons in the site's subsurface and obtain design parameters for the potential implementation of full scale chemical oxidation treatment at the site. The pilot test consisted of injecting modified Fenton's reagent (containing hydrogen peroxide and an iron catalyst) into the subsurface. Using direct push technology, reagent injection was performed at 11 locations in the vicinity of the UST's former location. On December 1, 2008, prior to reagent injection, baseline soil and/or groundwater samples were collected from two borings drilled in the vicinity of the former UST, and from wells MW-1, MW-2, and MW-3. Baseline groundwater sampling was carried out concurrently with the fourth quarter 2008 monitoring event. In addition to petroleum hydrocarbons, the baseline soil and groundwater samples were analyzed for metals, major ions, hexavalent chromium, dissolved ferrous iron, alkalinity as calcium-carbonate, total organic carbon, and TDS.

On January 12, 2009, approximately one month after the pilot test was performed, soil borings for soil sample collection were drilled, and groundwater samples to assess the effectiveness of the chemical oxidation treatment were collected from monitoring wells MW-1, MW-2 and MW-3. The analytical results demonstrated a concentration reduction in the chemicals of concern and the effectiveness of in situ chemical oxidation. Further chemical oxidation treatment was recommended and scheduled for the second quarter 2009. The pilot test procedures and a summary of the results are described in the report titled In situ Chemical Oxidation Pilot Test Report, 700 Independent Road, Oakland California, prepared by Kleinfelder on March 18, 2009.

A second round of in-situ chemical oxidation injection was performed between May 27 and June 4, 2009. Further chemical breakdown of petroleum hydrocarbons was reported following the second round of insitu chemical oxidation. Field work and analytical results of this remediation work were summarized in the report titled Second

In situ Chemical Oxidation Treatment Report, 700 Independent Road, Oakland California, prepared by Kleinfelder on August 26, 2009.

3.0 FIELD ACTIVITIES

This section summarizes the monitoring activities performed during in the first quarter 2010 groundwater monitoring event.

3.1 GROUNDWATER MONITORING ACTIVITIES

The first quarter 2010 groundwater-monitoring event took place on March 4, 2010. Prior to monitoring activities, field instrumentation was checked and calibrated.

3.1.1 Water Level Measurements

Prior to groundwater sample collection, the depth to water in each well was measured to the nearest 0.01-foot using a clean, calibrated electronic water-level indicator. Water-level measurements were used to calculate the volume of water present in the well and to calculate groundwater elevation and groundwater flow patterns at the site. Water level measurements and groundwater flow patterns are discussed in Section 4.1.

3.1.2 Groundwater Sample Collection

Upon completing water-level measurements, and prior to collecting groundwater samples, Kleinfelder purged approximately three casing volumes from each monitoring well using a peristaltic pump. During purging, pH, temperature, and EC were measured. Samples were collected when these field parameters became stable (three measurements within 10% of each other), or after three well casing volumes had been removed.

After purging, groundwater samples from each monitoring well were collected and contained in laboratory-supplied containers. The containers were labeled and subsequently placed into a pre-chilled cooler with ice, pending delivery to the laboratory for chemical analysis. Samples were delivered to a State-certified laboratory under chain of custody protocol.

3.1.3 Analytical Laboratory Parameters

Torrent Laboratory, Inc., a State-certified analytical laboratory, performed the chemical analysis for the first quarter 2010 groundwater monitoring event. Samples were analyzed for the following parameters:

- TPH-d using Environmental Protection Agency (EPA) Method 8015M, and
- Benzene, toluene, ethylbenzene, xylenes (BTEX) and TPH-g, using EPA Method 8260B.

3.2 DECONTAMINATION PROCEDURES

Prior to performing groundwater level measurements, and between measurements at each well location, the electronic water level indicator probe and cable was cleaned with an Alconox™ water solution and subsequently rinsed with tap water, followed by distilled water. Purging and sampling was performed using individually allocated tubing for each well.

3.3 INVESTIGATION-DERIVED WASTE HANDLING PROCEDURES

Investigation-derived wastes, consisting of well purge water and decontamination rinsate fluids, were contained in one United States Department of Transportation (DOT)-approved 55-gallon drum. Prior to use, the drum was inspected for physical integrity and condition. The drum was left onsite with an appropriate label identifying the waste source location, physical contents, date, and generator's name.

4.0 MONITORING RESULTS

On March 4, 2010, depth to groundwater and groundwater samples for chemical analysis were collected from each of the five monitoring wells at the site. This section summarizes the water-level measurements and groundwater chemical analysis results. Table 1 provides monitoring well construction details. Plate 3 shows the location of the monitoring wells.

4.1 GROUNDWATER LEVELS

Depth to groundwater was measured in each well from the top of the casing. On March 4, 2010 the depth to groundwater ranged from 4.35 to 5.55 feet. Groundwater surface elevations ranged from 4.39 to 5.29 feet (NAVD, 1988). Table 2 presents a summary of groundwater level data. Since December 23, 2009, the last time Kleinfelder measured groundwater water levels, groundwater surface elevations rose by 0.41 to 0.67 feet.

Water-level measurements were used to estimate groundwater surface elevation contours and groundwater flow patterns, shown on Plate 3. Based on the March 4, 2010 depth to groundwater data it appears that a small temporary groundwater mound may have formed in the vicinity of wells MW-1 and MW-2, with groundwater flowing radially away from the mound.

4.2 GROUNDWATER SAMPLE RESULTS

On March 4, 2010 groundwater samples were collected from wells MW-1, MW-2, MW-3, MW-4, and MW-5. The groundwater samples were analyzed for TPH-g, TPH-d, and BTEX. Groundwater purge data, groundwater analytical results, and quality assurance / quality control data are discussed in the following subsections.

4.2.1 Purge Characteristic Data

Prior to groundwater sample collection, the wells were purged to allow the inflow of water from the water bearing zones. Temperature, pH and EC were measured during purging. Table 3 presents final purge-water characteristic data.

4.2.2 Total Petroleum Hydrocarbons and Volatile Organics

Groundwater analytical results are summarized in Table 4. Certified analytical laboratory reports are included in Appendix A.

4.2.2.1 Environmental Screening Levels (ESLs)

The SFRWQCB developed ESLs for use as initial indicators of potential impacts to human health or the environment. Kleinfelder compared the reported concentrations of each reported compound to its respective most-stringent ESL, as available and presented in the SFRWQCB's guidance document *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Interim Final – November 2007, revised May 2008). Kleinfelder referenced the ESLs applicable to groundwater where groundwater is not a current or potential source of drinking water based on the finding that the shallow groundwater at the site is not suitable as a source of drinking water per SFRWQCB Resolution No. 89-39 (see Section 2.2.3).

4.2.2.2 Total Petroleum and Aromatic Hydrocarbon Results

Historically, the presence of chemicals of concern has been reported above the laboratory's reporting limit in groundwater samples collected from monitoring wells MW-1 and MW-2. In the samples collected from MW-1 during the first quarter 2010 groundwater monitoring event, concentrations of TPH-d and BTE were detected above the laboratory's reporting limit but below their respective ESLs. Xylene concentrations were not detected above the laboratory's reporting limit (8.8 µg/L). Compared to the analytical results obtained during the fourth 2009 groundwater monitoring event, TPH-g concentrations in MW-1 declined from 770 µg/L to less than 440 µg/L, the laboratory's reporting limit for TPH-g. All concentrations of chemicals of concern in MW-1 are now below their respective ESLs with the possible exception of TPH-g given that the reporting limit exceeded the ESL.

In groundwater samples from MW-2 (located adjacent to the former UST), TPH-g and TPH-d concentrations were higher than the results obtained during the fourth 2009 groundwater monitoring event. TPH-g concentrations rose from less than 100 µg/L to 1,300 µg/L and TPH-d from 22,000 µg/L to 32,000 µg/L. However, compared to the fourth 2009 groundwater monitoring event, all BTEX concentrations declined. Benzene

was reported at 11,000 µg/L (compared to 14,000 µg/L), toluene was reported at 96 µg/L (compared to 150 µg/L), ethylbenzene was reported at 760 µg/L (compared to 2,300 µg/L), and total xylenes was reported at 540 µg/L (compared to 1,100 µg/L). The current toluene concentration reported in MW-2 is below the ESL of 130 µg/L.

Except for benzene, chemicals of concern were not detected at concentrations at or above the laboratory's reporting limit in the groundwater samples collected from MW-3, MW-4, and MW-5. Benzene concentrations in samples from MW-3, MW-4, and MW-5 were detected at concentrations slightly above the laboratory's reporting limit of 0.50-µg/L, at 0.79 µg/L, 0.90 µg/L, and 0.84 µg/L, respectively. These benzene concentrations are well below the ESLs for benzene of 46 µg/L.

4.2.3 Quality Assurance / Quality Control

For the current set of samples, laboratory quality assurance / quality control parameters did not deviate from accepted norms. Samples were preserved and transported to the laboratory under chain-of-custody control protocols. All samples were analyzed within holding times, method blanks were not found to contain chemicals of interest, and surrogate recoveries were within accepted ranges. In general, the analytical results of the duplicate sample (MW-2 dup) were within 10 percent of the analytical results from MW-2, indicating good laboratory precision.

5.0 SUMMARY OF RESULTS

This section presents a summary of the monitoring results from the groundwater monitoring event performed in March 4, 2010.

5.1 HYDRAULIC CONDITIONS

In March 4, 2010, a small groundwater mound was evident surrounding wells MW-1 and MW-2 and groundwater flow is inferred to be move radially away from the mound (Plate 3). This flow pattern is generally similar to the groundwater flow patterns inferred in the past. Between December 2009 and March 2010, groundwater surface elevations rose between 0.41 feet (MW-4) to 0.67 feet (MW-1). The rise in groundwater surface elevation can be explained by the rainfall and associated groundwater recharge.

5.2 WATER QUALITY

In general, chemicals-of-concern concentrations in MW-1 and MW-2 continue to decline, except for the slight increase in TPH-d reported in the sample from MW-1, and the rise in TPH-d and TPH-g concentrations in the sample from MW-2. Compared to the analytical results from the fourth quarter 2009 groundwater monitoring event, the concentration of TPH-d in MW-1 increased from less than 100 µg/L to 110 µg/L, but remains below the 210 µg/L ESL for TPH-d. The concentration of TPH-g in MW-1 declined from 770 µg/L to less than 440 µg/L, potentially remaining above the ESL of 210 µg/L given that the reporting limit exceeded the ESL.

In the sample from MW-2, TPH-d concentrations increased from less than 100 µg/L to 1,300 µg/L and TPH-g from 22,000 µg/L to 32,000 µg/L. In general, these TPH-d and TPH-g concentrations are lower than those reported before the chemical oxidation treatments conducted at the site in 2009. These peaks in TPH-d and TP-g concentrations may be associated to the petroleum hydrocarbons desorption from subsurface soils resulting from the chemical oxidation treatment, and seasonal higher water levels. Compared to the analytical results from the fourth quarter 2009 groundwater monitoring event, BTEX concentrations in MW-2 continue to decline, although except for toluene, their concentrations remain above their respective ESLs

(Table 2). The analytical quality control data were within accepted laboratory norms and the analytical results are considered reliable.

6.0 RECOMENDATIONS

Groundwater monitoring has been performed at the site since March 2007. This report summarizes the field activities and analytical results of the fourth groundwater monitoring event conducted after the last round of in situ chemical oxidation at the site. As shown and discussed in previous reports, the site represents a low risk impacted groundwater case:

- The leak has been stopped and the source has been removed,
- The extent of petroleum hydrocarbons has been defined (ACEHS letter of May 13, 2008),
- Residual petroleum hydrocarbons in soil and groundwater have been reduced and are limited to the immediate vicinity of monitoring wells MW1- and MW-2,
- No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors have been impacted or are near the residual petroleum hydrocarbons,
- The site presents no significant risk to human health as no significant concentrations of soil vapors have been detected and no direct exposure is possible as the site is paved (i.e. there is no complete route of exposure),
- The site presents no significant risk to the environment, as there are no indications that impacted groundwater has migrated beyond the current limits found on the site (i.e. there is no complete route of exposure), and
- The site is located in a heavy industrial area and its land use is not likely to change in the near future.

Based on past and current groundwater analytical results, the extent of residual impacted ground water at the site is limited and stable. The site meets low risk site requirements and Kleinfelder recommends that ground water monitoring be discontinued and a finding of no further action be made.

7.0 LIMITATIONS

Kleinfelder prepared this report in accordance with generally accepted standards of care that exist in Alameda County at the time this investigation was performed. All information gathered by Kleinfelder is considered confidential and will be released only upon written authorization of EOP or as required by law.

Kleinfelder offers various levels of investigation 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 EOP has reviewed the document and determined that it does not need or want a greater level of service than that 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 reports 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. EOP 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. EOP 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 EOP with a source of professional advice, opinions and recommendations. Our professional opinions and recommendations are/will be 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 EOP. Consequently, no warranty or guarantee, expressed of implied, is intended or made.

TABLES

Table 1

Monitoring Well Construction Details
700 Independent Road, Oakland, California

Construction Details by Depth Intervals (Feet Below Ground Surface)								Survey Data			
Well ID	Installation Date	Boring Depth	Solid Casing	Screen Interval	Sand Pack	Bentonite Seal	Grout Seal	Top of Casing Elevation (Feet[1])	Vault Elevation (Feet[1])	Longitude	Latitude
MW-1	3/5/2007	25.0	0.25-15	15-25	13-25	11-13	0.75-11	9.64	9.96	-122.2052412	37.7569160
MW-2	3/5/2007	25.0	0.25-10	10-20	8-20	6-8 / 20-25	0.75-6	9.53	9.85	-122.2054245	37.7568140
MW-3	3/5/2007	25.0	0.25-13	13-23	11-24	9-11	0.75-9	10.79	11.10	-122.2054503	37.7569371
MW-4	1/23/2008	25.0	0.25-15	15-25	14-25	13-14	0.75-13	9.61	10.35	-122.2051431	37.7570547
MW-5	1/23/2008	28.0	0.25-18	18-28	17-28	16-17	0.75-16	9.75	10.06	-122.2056247	37.7569999

Notes:

[1] Survey elevations North American Vertical Datum of 1988 (NAVD88), horizontal NAD 83.

Survey of MW-1, MW-2 and MW-3 by PLS Surveys, Inc., April 4, 2007

Survey of MW-4 and MW-5 by PLS Surveys, Inc., February 14, 2008

msl = mean sea level

Table 2
Depth to Water Measurements and Ground Water Surface Elevations
700 Independent Road, Oakland, California

Well ID	Date Measured	Depth to Water (feet)	Groundwater Surface Elevation (feet[1])
MW-1	4/13/2007	4.67	4.97
	9/10/2007	5.15	4.49
	12/17/2007	5.29	4.35
	2/18/2008	5.91	3.73
	3/28/2008	4.41	5.23
	6/11/2008	4.73	4.91
	12/1/2008	5.91	3.73
	3/12/2009	4.53	5.11
	6/30/2009	4.86	4.78
	9/1/2009	5.21	4.43
	12/23/2009	5.02	4.62
	3/4/2010	4.35	5.29
MW-2	4/13/2007	4.61	4.92
	9/10/2007	5.42	4.11
	12/17/2007	5.02	4.51
	2/18/2008	4.78	4.75
	3/28/2008	4.35	5.18
	6/11/2008	4.65	4.88
	12/1/2008	5.33	4.20
	3/12/2009	4.25	5.28
	6/30/2009	4.82	4.71
	9/1/2009	4.98	4.55
	12/23/2009	4.98	4.55
	3/4/2010	4.39	5.14
MW-3	4/13/2007	5.75	5.04
	9/10/2007	6.26	4.53
	12/17/2007	6.16	4.63
	2/18/2008	5.55	5.24
	3/28/2008	5.63	5.16
	6/11/2008	5.90	4.89
	12/1/2008	6.51	4.28
	3/12/2009	5.49	5.30
	6/30/2009	5.97	4.82
	9/1/2009	5.27	5.52
	12/23/2009	6.21	4.58
	3/4/2010	5.55	5.24
MW-4	4/13/2007	--	--
	9/10/2007	--	--
	12/17/2007	--	--
	2/18/2008	5.08	4.53
	3/28/2008	5.12	4.49
	6/11/2008	5.00	4.61
	12/1/2008	6.07	3.54
	3/12/2009	5.08	4.53
	6/30/2009	5.37	4.24
	9/1/2009	5.77	3.84
	12/23/2009	5.63	3.98
	3/4/2010	5.22	4.39
MW-5	4/13/2007	--	--
	9/10/2007	--	--
	12/17/2007	--	--
	2/18/2008	5.25	4.50
	3/28/2008	5.32	4.43
	6/11/2008	5.86	3.89
	12/1/2008	6.23	3.52
	3/12/2009	5.27	4.48
	6/30/2009	5.62	4.13
	9/1/2009	5.98	3.77
	12/23/2009	5.8	3.95
	3/4/2010	5.20	4.55

Notes:

[1] Survey elevations North American Vertical Datum of 1988 (NAVD88).

Top of casing elevations for MW-1, MW-2 and MW-3 surveyed 4/4/07 by PLS Surveys, Inc.

Top of casing elevations for MW-4, and MW-5 surveyed 2/14/08 by PLS Surveys, Inc.

Table 3
Final Groundwater Purge Characteristics
700 Independent Road, Oakland, California

Well ID	Date Sampled	Gallons Purged	Final pH	Final Specific Conductivity (µmhos/cm)	Final Temperature (degrees C)
MW-1	9/10/2007	8.0	6.78	> 3,999[a]	18.7
	12/17/2007	10.0	6.84	> 3,999[a]	17.2
	3/28/2008	10.3	6.83	21,607	16.5
	6/11/2008	17.0	7.21	21,236	17.2
	12/1/2008	11.0	6.63	26,376	17.7
	3/12/2009	11.0	6.44	26,916	17.1
	6/30/2009	11.2	8.45	--	17.3
	9/1/2009	5.1	6.69	19,020	14.9
	12/23/2009	5.2	7.65	22,660	17.95
	3/4/2010	2.5	6.57	26,470	17.73
MW-2	9/10/2007	6.8	6.70	> 3,999[a]	19.4
	12/17/2007	7.0	6.70	> 3,999[a]	17.8
	3/28/2008	10.3	6.89	22,932	15.9
	6/11/2008	11.7	6.91	24,775	17.7
	12/2/2008	7.5	6.55	24,976	18.3
	3/12/2009	7.5	6.55	14,014	16.3
	6/30/2009	7.6	5.59	--	17.0
	9/1/2009	5.25	6.5	16,349	15.0
	12/23/2009	5	7.69	18,940	17.7
	3/4/2010	7.5	6.31	27,960	17.6
MW-3	9/10/2007	8.5	6.97	> 3,999[a]	23.3
	12/17/2007	9.0	7.11	> 3,999[a]	20.9
	3/28/2008	11.0	7.04	12,686	18.9
	6/11/2008	14.3	7.68	12,695	20.9
	12/2/2008	9.0	6.96	13,537	21.4
	3/12/2009	9.5	6.78	12,490	19.3
	6/30/2009	8.4	6.89	--	21.6
	9/1/2009	5.0	6.82	9,517	--
	12/23/2009	5.5	6.96	11,160	21.53
	3/4/2010	5.5	6.71	16,710	20.09
MW-4	1/31/2008	12.0	7.04	> 3,999[a]	18.7
	3/28/2008	16.0	7.15	12,069	17.8
	6/11/2008	16.0	7.71	13,331	19.7
	12/1/2008	10.0	7.04	12,824	20.8
	3/12/2009	10.0	6.87	14,278	19.4
	6/30/2009	10.3	6.64	--	18.8
	9/1/2009	4.5	7.05	12,661	19.1
	12/23/2009	4.5	7.68	14,440	20.29
	3/4/2010	4.5	6.86	19,510	19.8
MW-5	1/31/2008	12.0	6.85	> 3,999[a]	19.2
	3/28/2008	11.0	7.05	7,574	19.9
	6/11/2008	16.0	7.02	7,406	19.8
	12/1/2008	11.0	6.89	8,774	20.0
	3/12/2009	16.0	6.72	9,151	19.7
	6/30/2009	11.9	6.99	--	19.2
	9/1/2009	5.5	6.93	7,023	19.1
	12/23/2009	7	6.91	8,838	20.6
	3/4/2010	5.5	8.88	8,620	20.1

Acronyms:

a	Exceeds equipment limits
C	Celsius
µmhos/cm	microsiemens per centimeter
--	Not Available. Conductivity measurements for the June 30, 2009 report are not included due to equipment malfunction

Table 4
Total Petroleum Hydrocarbons, Volatile Organics and Total Dissolved Solids In Groundwater
700 Independent Road, Oakland, California

Sample Location	Date Sampled	TPH-d	TPH-g	Benzene	Butylbenzene (sec-)	1,2 Dichloroethane	Ethylbenzene	Isopropylbenzene	Isopropyltoluene (4-)	Naphthalene	Propylbenzene (n-)	Toluene	Trimethylbenzene (1,2,4-)	Trimethylbenzene (1,3,5-)	Xylenes, total	Methyl tert butyl ether	Total Dissolved Solids
MW-1	3/19/2007	**390a**	**3,300**	**162**	NA	<1.1	**60.2**	NA	NA	NA	NA	**205**	NA	NA	**351**	<1.1	NA
	9/10/2007	**315a**	**1,700b**	**145**	0.9	<0.500	**72.2**	11.6	2.42	7.69	20.8	56.1	94.6	17.1	**197**	<0.500	NA
	12/17/2007	186a	**1,510b**	**204**	2.41	<0.500	**78.6**	9.96	1.69	4.35	19	15.1	67	6.12	56.7	<0.500	14,000,000
	3/28/2008	<100	**12,000**	**1,020**	NA	NA	**161**	NA	NA	NA	NA	19.1	NA	NA	60.0	<1.10	NA
	6/11/2008	**235a**	**4,700**	**721**	<4.40	<4.40	**160**	18.9	NA	**<52.8**	<4.40	84.8	132	11.0	**126**	<4.40	NA
	12/1&2/2008	**484a**	**2,900**	**295**	<4.40	<4.40	**137**	36.7	NA	**298**	88.4	27.1	501	35.1	**218**	<4.40	14,000,000
	3/12/2009	**504**	**7,700**	**488**	NA	NA	**235**	NA	NA	NA	NA	**144**	NA	NA	**455**	<4.40	NA
	6/30/2009	< 100	**870**	**99**	NA	NA	33	NA	NA	NA	NA	15	NA	NA	34	NA	NA
	9/1/2009	< 100	**1,000**	**130**	NA	NA	18	NA	NA	NA	NA	7.7	NA	NA	< 13	NA	NA
	12/23/2009	<100	**770**	**96**	NA	NA	17	NA	NA	NA	NA	8.2	NA	NA	<13	NA	NA
	3/4/2010	110	**< 440 ****	44	NA	NA	4.1	NA	NA	NA	NA	2.6	NA	NA	< 8.8	NA	NA
MW-2	3/19/2007	**940a**	**38,000**	**11,600**	NA	**226**	**588**	NA	NA	NA	NA	**274**	NA	NA	**2,880**	<13.2	NA
	9/10/2007	**1690a**	**52,100b**	**15,800**	<22	**611**	**1,120**	69.1	<22	**231**	143	**552**	1,270	650	**5,420**	<22	NA
	12/17/2007	**3,770a**	**30,900b**	**13,300**	<22	**568**	**1,350**	73	<22	**227**	118	**172**	1,230	352	**2,330**	< 22	17,000,000
	3/28/2008	**300a**	**47000b**	**12,600**	NA	NA	**619**	NA	NA	NA	NA	67.3	NA	NA	**1,040**	< 22	NA
	6/11/2008	**1,030a**	**31,000**	**19,700**	<44	**542**	**1,090**	<88.0	NA	**<528**	<44.0	81.0	154	731	**1,410**	< 44	NA
	12/1&2/2008	**965a**	**53,000**	**20,500**	<44	**468**	**1,240**	<88.0	NA	**196**	125	<44	1,200	66.9	**1,180**	< 44	17,000,000
	3/12/2009	**862**	**40,000**	**10,300**	NA	NA	**1,050**	NA	NA	NA	NA	91.5	NA	NA	**980**	< 44	NA
	3/12/09 Dup	NA	**42,000**	**10,900**	NA	NA	**1,030**	NA	NA	NA	NA	95.9	NA	NA	**995**	< 44	NA
	6/30/2009	**657a**	**20,000**	**7,300**	NA	NA	**400**	NA	NA	NA	NA	< 44	NA	NA	**330**	NA	NA
	6/30/2009Dup	**624a**	**20,000**	**7,600**	NA	NA	**370**	NA	NA	NA	NA	< 44	NA	NA	**300**	NA	NA
	9/1/2009	**680a**	**26,000**	**13,000E**	NA	NA	**780**	NA	NA	NA	NA	54	NA	NA	**510**	NA	NA
	9/1/2009 Dup	**730a**	**26,000**	**11,000**	NA	NA	**710**	NA	NA	NA	NA	50	NA	NA	**460**	NA	NA
	12/23/2009	<100	**24,000**	**12,000**	NA	NA	**2,000**	NA	NA	NA	NA	**140**	NA	NA	**950**	NA	NA
	12/23/2009 Dup	<100	**22,000**	**14,000**	NA	NA	**2,300**	NA	NA	NA	NA	**150**	NA	NA	**1,100**	NA	NA
	3/4/2010	**1,000**	**32,000**	**9,900**	NA	NA	**710**	NA	NA	NA	NA	84	NA	NA	**520**	NA	NA
	3/4/2010 Dup	**1,300**	**32,000**	**11,000**	NA	NA	**760**	NA	NA	NA	NA	96	NA	NA	**540**	NA	NA
MW-3	3/19/2007	<100	<50	<0.500	NA	<0.5	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.5	<0.5	NA
	9/10/2007	<100	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	NA
	12/17/2007	<100	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	8,600,000
	3/28/2008	<100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/11/2008	<100	<50	<0.5	<0.5	<0.5	<0.5	<1.00	NA	<6.0	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	NA
	12/1&2/2008	<100	<50	<0.5	<0.5	<0.5	<0.5	<1.00	NA	<1.0	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	7,700,000
	3/12/2009	<100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/30/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	9/1/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	12/23/2009	<100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	3/4/2010	< 100	<0.5	0.79	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	< 1.0	NA	NA

Table 4
Total Petroleum Hydrocarbons, Volatile Organics and Total Dissolved Solids In Groundwater
700 Independent Road, Oakland, California

MW-4	1/31/2008	< 100	56.0b	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	3/28/2008	< 100	61d	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/11/2008	< 100	<50	<0.5	<0.5	<0.5	<0.5	<1.00	NA	<6.00	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	NA
	12/1&2/2008	< 100	<50	<0.5	<0.5	<0.5	<0.5	<1.00	NA	<1.00	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	NA
	3/12/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/30/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	9/1/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	12/23/2009	< 100	<50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	3/4/2010	< 100	<50	0.90	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.0	NA	NA
MW-5	1/31/2008	544a	55 b	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	< 1.50	<0.5	NA
	3/28/2008	< 100	57d	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/11/2008	< 100	< 50	<0.5	<0.50	<0.5	<0.5	<1.00	NA	<6.00	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	NA
	12/1&2/2008	< 100	< 50	<0.5	<0.50	<0.5	<0.5	<1.00	NA	<1.00	<0.5	<0.5	<0.5	<0.5	<1.50	<0.5	NA
	3/12/2009	< 100	< 50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	<0.5	NA
	6/30/2009	< 100	< 50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	9/1/2009	< 100	< 50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	12/23/2009	< 100	< 50	<0.5	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	<1.50	NA	NA
	3/4/2010	< 100	< 50	0.84	NA	NA	<0.5	NA	NA	NA	NA	<0.5	NA	NA	< 1.0	NA	NA
ESL*		210	210	46	NE	200	43	NE	NE	24	NE	130	NE	NE	100	1800	NE

Notes:

All results in micrograms per liter (µg/l). Values in bold exceed corresponding ESLs.

a - Chromatogram does not resemble typical diesel pattern (possibly fuel lighter than diesel). Lighter end hydrocarbons and hydrocarbon peaks within the diesel range quantified as diesel.

b - Although TPH-g is present, result is elevated due to the presence of non-target compounds within the gasoline quantitative range.

E - Estimated value. The amount exceeds the calibration range but within the linear range of instrument.

* ESL - Environmental Screening Levels from San Francisco Regional Water Quality Control Board, Interim Final - November 2007 (revised May 2008). Lowest level reported from:
Table B. Environmental Screening Levels. Groundwater IS NOT a current or potential drinking water source.

** Laboratory reporting limit exceeds ESL (210 µg/L)

Acronyms, abreviations:

TPH-d - Total Petroleum Hydrocarbons - diesel

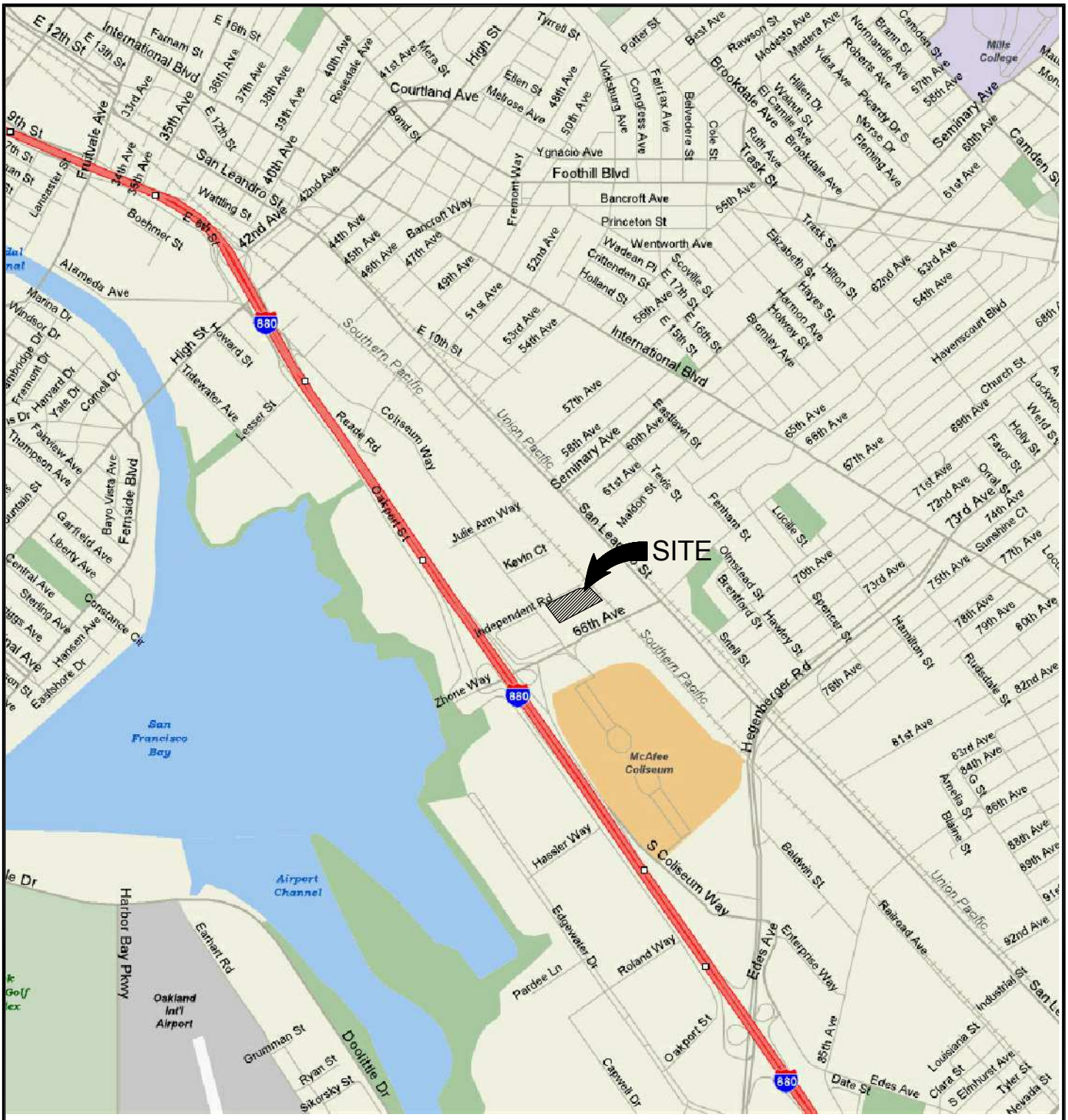
TPH-g - Total Petroleum Hydrocarbons - gasoline

Dup - duplicate sample

NE - Not established

NA - Not analyzed

PLATES



N

2000 1000 0 2000

APPROXIMATE SCALE (feet)

KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

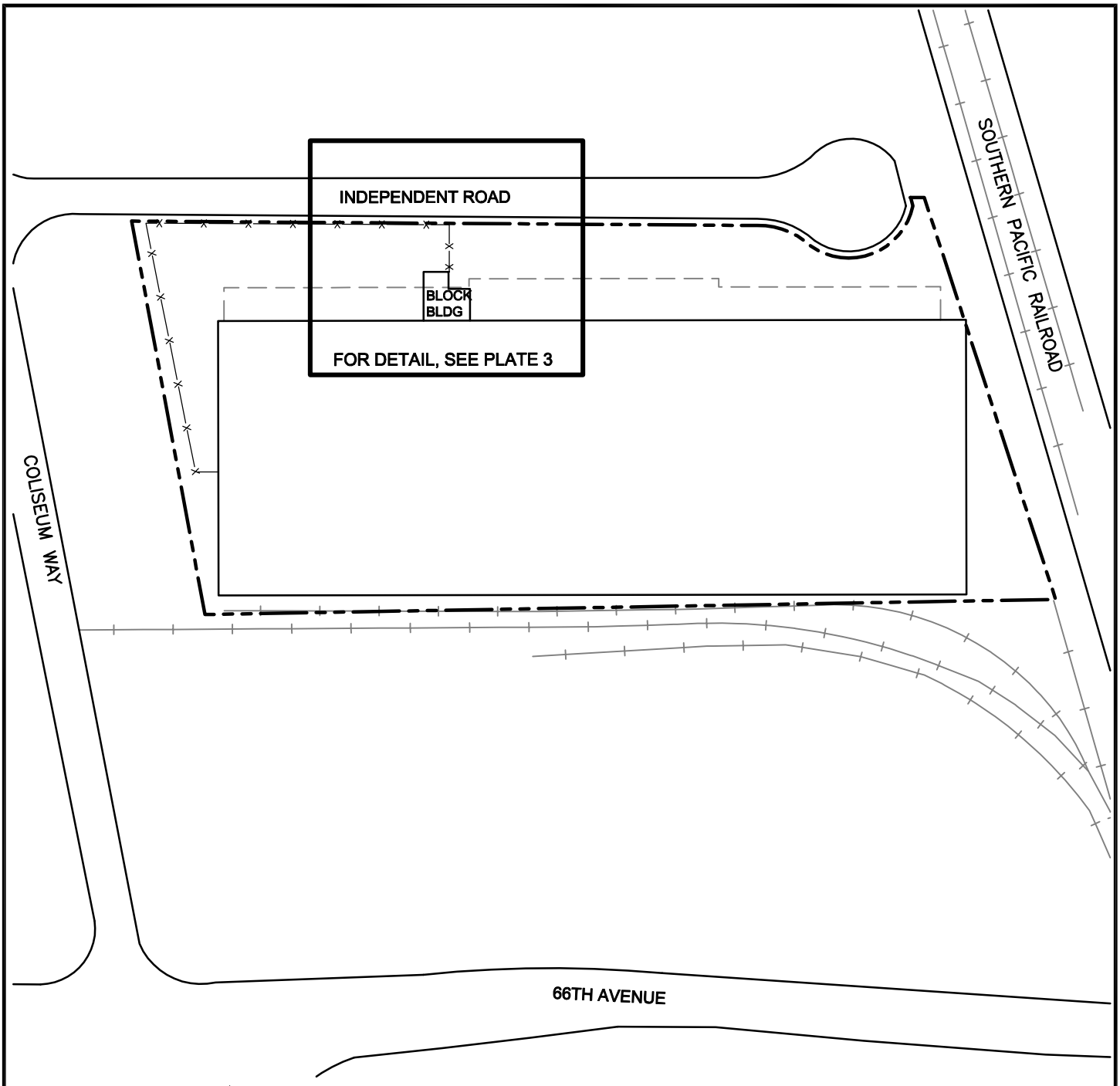
PROJECT NO.	54504
DRAWN:	APR 2010
DRAWN BY:	JDS
CHECKED BY:	AD
FILE NAME: SITE-VIC.dwg	

SITE VICINITY MAP

700 INDEPENDENT ROAD
OAKLAND, CALIFORNIA

PLATE **1**

PLOTTED: 27 Apr 2010, 9:20am, jsala
LAYOUT: Layout1
CAD FILE: L:\2010\10Projects\54504-Iidependence Road\3-2010\
XRef: Eng-A_8x11_P_StyleA
ATTACHED XREFS:
Images: VIC-MAP.jpg
ATTACHED IMAGES:
PLEASANTON, CA



NOTE: Locations are approximate.

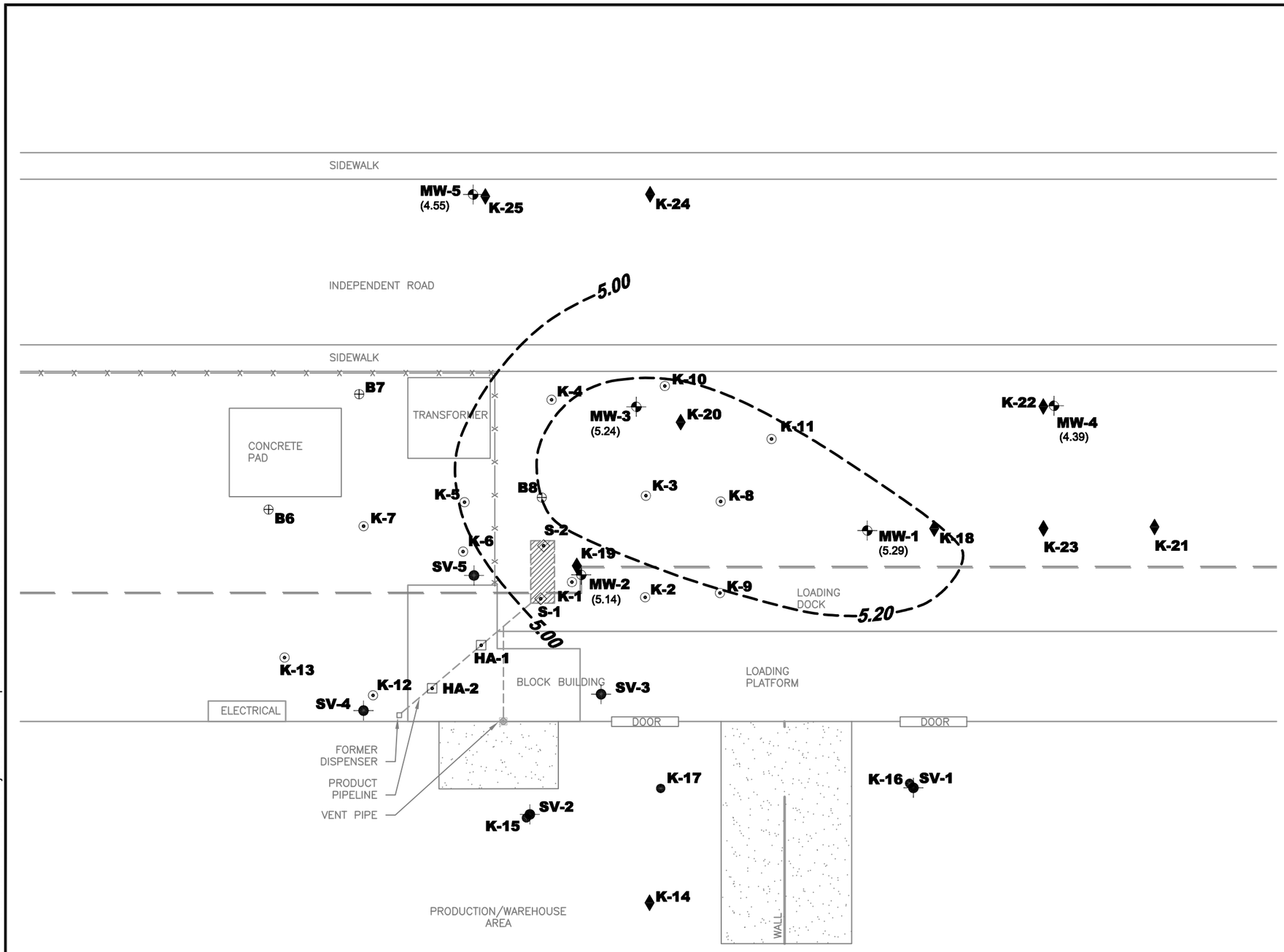
KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	54504
DRAWN:	APR 2010
DRAWN BY:	JDS
CHECKED BY:	AD
FILE NAME:	SP OVERALL.dwg

SITE PLAN: OVERALL

700 INDEPENDENT ROAD
OAKLAND, CALIFORNIA

PLATE
2



LEGEND

- ROOF OVERHANG
- FENCE
- PRODUCT PIPELINE
- FORMER UNDERGROUND STORAGE TANK
- MONITORING WELL (Kleinfelder, March 2007)
- SOIL VAPOR BORING (Kleinfelder, March 2007)
- SOIL BORING depth 24-32 ft (Kleinfelder, March 2007)
- SOIL BORING depth 38-45 ft (Kleinfelder, March 2007 and February 2008)
- SOIL BORING (Kleinfelder, 2006)
- SOIL BORING (Golder Associates, August 2004)
- HAND AUGER
- UST CONFIRMATION SOIL SAMPLE
- (5.29) GROUNDWATER ELEVATION (NAVD, 1988)
- 5.00 GROUNDWATER ELEVATION CONTOURS (NAVD, 1988)

NOTE:
Golder boring B8 located in the field.
Locations of Golder borings B6 and B7 are approximate.

N

25 0 25
APPROXIMATE SCALE (feet)

KLEINFELDER
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PROJECT NO.	54504
DRAWN:	APR 2010
DRAWN BY:	JDS
CHECKED BY:	AD
FILE NAME:	GW-CONT_3-2010.dwg

GROUNDWATER SURFACE ELEVATION CONTOURS AND ESTIMATED GROUNDWATER FLOW: MARCH 4, 2010

700 INDEPENDENT ROAD
OAKLAND, CALIFORNIA

PLATE
3

APPENDIX A

CHAIN-OF-CUSTODY RECORDS AND CERTIFIED ANALYTICAL LABORATORY REPORTS

Alvaro Dominguez
Kleinfelder(Oakland)
1970 Broadway, Suite 710
Oakland, California 94612
Tel: 5106289000
Fax: 5106289009
Email: adominguez@kleinfelder.com

RE: 700 Independent Road

Work Order No.: 1003029

Dear Alvaro Dominguez:

Torrent Laboratory, Inc. received 7 sample(s) on March 04, 2010 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

March 12, 2010
Date

Torrent LABORATORY, INC.

Date: 3/12/2010

Client: Kleinfelder(Oakland)

Project: 700 Independent Road

Work Order: 1003029

CASE NARRATIVE

483 Sinclair Frontage Rd., Milpitas, CA 95035 | *tel:* 408.263.5258 | *fax:* 408.263.8293 | www.torrentlab.com

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

MW-1 1003029-001A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as DIesel (SG)	SW8015B(M)	1	0.0400	0.10	0.11	mg/L

MW-1 1003029-001A8.8x

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	8.8	2.9	4.4	44	ug/L
Toluene	SW8260B	8.8	1.7	4.4	2.6	ug/L
Ethyl Benzene	SW8260B	8.8	1.4	4.4	4.1	ug/L

MW-2 1003029-002A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	88	1900	4400	32000	ug/L
TPH as DIesel (SG)	SW8015B(M)	1	0.0400	0.10	1.0	mg/L

MW-2 1003029-002A88x

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	88	29	44	9900	ug/L
Toluene	SW8260B	88	17	44	84	ug/L
Ethyl Benzene	SW8260B	88	14	44	710	ug/L
m,p-Xylene	SW8260B	88	18	88	520	ug/L

MW-2D 1003029-003A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	88	1900	4400	32000	ug/L
TPH as DIesel (SG)	SW8015B(M)	1	0.0400	0.10	1.3	mg/L

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

MW-2D 1003029-003A88x

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	88	29	44	11000	ug/L
Toluene	SW8260B	88	17	44	96	ug/L
Ethyl Benzene	SW8260B	88	14	44	760	ug/L
m,p-Xylene	SW8260B	88	18	88	540	ug/L

MW-3 1003029-004A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1	0.33	0.50	0.79	ug/L

MW-4 1003029-005A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1	0.33	0.50	0.90	ug/L

MW-5 1003029-006A

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Benzene	SW8260B	1	0.33	0.50	0.84	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID:	MW-1	**Lab Sample ID:**	1003029-001A
Project Name/Location:	700 Independent Road	**Sample Matrix:**	Water
Project Number:	54504		
Date/Time Sampled:	03/04/10 /		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
MTBE 03/08/10	SW8260B	NA		8.8	3.3	4.4	ND		ug/L	400247	NA
Benzene 03/08/10	SW8260B	NA		8.8	2.9	4.4	44		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		8.8	1.7	4.4	2.6	J	ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	8.8	1.4	4.4	4.1	J	ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		8.8	1.8	8.8	ND		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		8.8	1.1	4.4	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	8.8	61.2	131	82.7		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	8.8	75.1	127	109		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	8.8	64.1	120	110		%	400247	NA

NOTE: Due to sample matrix (foaming during purging), sample was analyzed with appropriate dilution. Results reported between the MDL and PQL are qualified with the appropriate "J" flag and should be considered as estimated values.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
TPH(Gasoline) 03/08/10	8260TPH	NA		8.8	190	440	ND		ug/L	400251	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/08/10	8.8	58.4	133	94		%	400251	NA

NOTE: Raised reporting limit - see comment for 8260B analysis.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	0.11	x	mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	101		%	400217	0104

NOTE: x- Not typical of Diesel standard pattern (possibly fuel lighter than diesel)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID:	MW-2	**Lab Sample ID:**	1003029-002A
Project Name/Location:	700 Independent Road	**Sample Matrix:**	Water
Project Number:	54504		
Date/Time Sampled:	03/04/10 /		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE 03/08/10	SW8260B	NA		88	33	44	ND		ug/L	400247	NA
Benzene 03/08/10	SW8260B	NA		88	29	44	9900		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		88	17	44	84		ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	88	14	44	710		ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		88	18	88	520		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		88	11	44	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	88	61.2	131	96.0		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	88	75.1	127	108		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	88	64.1	120	97.9		%	400247	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline) 03/08/10	8260TPH	NA		88	1900	4400	32000	x	ug/L	400251	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/08/10	88	58.4	133	110		%	400251	NA

NOTE: x- Although TPH as Gasoline is present, reported value is elevated due individual peak (Benzene) and contribution from non-target light unidentified hydrocarbons within the C5-C12 range quantified as Gasoline.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	1.0	x	mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	82.5		%	400217	0104

NOTE: x- Not typical of Diesel standard pattern (possibly fuel lighter than diesel)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID:	MW-2D	**Lab Sample ID:**	1003029-003A
Project Name/Location:	700 Independent Road	**Sample Matrix:**	Water
Project Number:	54504		
Date/Time Sampled:	03/04/10 /		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE 03/08/10	SW8260B	NA		88	33	44	ND		ug/L	400247	NA
Benzene 03/08/10	SW8260B	NA		88	29	44	11000		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		88	17	44	96		ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	88	14	44	760		ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		88	18	88	540		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		88	11	44	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	88	61.2	131	99.5		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	88	75.1	127	102		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	88	64.1	120	86.6		%	400247	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline) 03/08/10	8260TPH	NA		88	1900	4400	32000	x	ug/L	400251	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/08/10	88	58.4	133	120		%	400251	NA

NOTE: x- Although TPH as Gasoline is present, reported value is elevated due individual peak (Benzene) and contribution from non-target light end hydrocarbons within the C5-C12 range quantified as

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	1.3	x	mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	94.0		%	400217	0104

NOTE: x- Not typical of Diesel standard pattern (possibly fuel lighter than diesel)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID:	MW-3	**Lab Sample ID:**	1003029-004A
Project Name/Location:	700 Independent Road	**Sample Matrix:**	Water
Project Number:	54504		
Date/Time Sampled:	03/04/10 /		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene 03/08/10	SW8260B	NA		1	0.33	0.50	0.79		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		1	0.19	0.50	ND		ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	1	0.15	0.50	ND		ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		1	0.20	1.0	ND		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		1	0.13	0.50	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	1	61.2	131	90.1		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	1	75.1	127	105		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	1	64.1	120	82.3		%	400247	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline) 03/08/10	8260TPH	NA		1	22	50	ND		ug/L	400251	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/08/10	1	58.4	133	72		%	400251	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	ND		mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	101		%	400217	0104

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID: MW-4
Project Name/Location: 700 Independent Road
Project Number: 54504
Date/Time Sampled: 03/04/10 /

Lab Sample ID: 1003029-005A
Sample Matrix: Water

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene 03/08/10	SW8260B	NA		1	0.33	0.50	0.90		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		1	0.19	0.50	ND		ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	1	0.15	0.50	ND		ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		1	0.20	1.0	ND		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		1	0.13	0.50	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	1	61.2	131	104		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	1	75.1	127	106		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	1	64.1	120	82.8		%	400247	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline) 03/08/10	8260TPH	NA		1	22	50	ND		ug/L	400251	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/08/10	1	58.4	133	59		%	400251	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	ND		mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	104		%	400217	0104

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Alvaro Dominguez
Kleinfelder(Oakland)

Date Received: 03/04/10
Date Reported: 03/12/10

Client Sample ID:	MW-5	**Lab Sample ID:**	1003029-006A
Project Name/Location:	700 Independent Road	**Sample Matrix:**	Water
Project Number:	54504		
Date/Time Sampled:	03/04/10 /		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Benzene 03/08/10	SW8260B	NA		1	0.33	0.50	0.84		ug/L	400247	NA
Toluene 03/08/10	SW8260B	NA		1	0.19	0.50	ND		ug/L	400247	NA
Ethyl Benzene	SW8260B	NA	03/08/10	1	0.15	0.50	ND		ug/L	400247	NA
m,p-Xylene 03/08/10	SW8260B	NA		1	0.20	1.0	ND		ug/L	400247	NA
o-Xylene 03/08/10	SW8260B	NA		1	0.13	0.50	ND		ug/L	400247	NA
(S) Dibromofluoromethane	SW8260B	NA	03/08/10	1	61.2	131	93.7		%	400247	NA
(S) Toluene-d8	SW8260B	NA	03/08/10	1	75.1	127	101		%	400247	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	03/08/10	1	64.1	120	88.9		%	400247	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline) 03/12/10	8260TPH	NA		1	22	50	ND		ug/L	400265	NA
(S) 4-Bromofluorobenzene	8260TPH	NA	03/12/10	1	58.4	133	74		%	400265	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as DIesel (SG)	SW8015B(M)	3/8/10	03/09/10	1	0.0400	0.10	ND		mg/L	400217	0104
Pentacosane (S)	SW8015B(M)	3/8/10	03/09/10	1	57.9	125	93.7		%	400217	0104

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1003029	**Prep Method:**	3510_TPHSG	**Prep Date:**	03/08/10	**Prep Batch:**	0104
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	03/09/10	**Analytical Batch:**	400217
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.
TPH as DIesel (SG)	0.0440	0.10	0.00
TPH as Motor Oil (SG)	0.0920	0.20	0.00
Pentacosane (S)			93.1

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	03/08/10	**Analytical Batch:**	400247
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.
Dichlorodifluoromethane	0.41	0.50	0.00
Chloromethane	0.41	0.50	0.00
Vinyl Chloride	0.37	0.50	0.00
Bromomethane	0.37	0.50	0.00
Trichlorofluoromethane	0.34	0.50	0.00
1,1-Dichloroethene	0.29	0.50	0.00
Freon 113	0.38	0.50	0.00
Methylene Chloride	0.18	5.0	0.00
trans-1,2-Dichloroethene	0.31	0.50	0.00
MTBE	0.38	0.50	0.00
tert-Butanol	8.1	30	0.00
Diisopropyl ether (DIPE)	0.36	0.50	0.00
1,1-Dichloroethane	0.28	0.50	0.00
ETBE	0.40	0.50	0.00
cis-1,2-Dichloroethene	0.33	0.50	0.00
2,2-Dichloropropane	0.37	0.50	0.00
Bromochloromethane	0.34	0.50	0.00
Chloroform	0.29	0.50	0.00
Carbon Tetrachloride	0.26	0.50	0.00
1,1,1-Trichloroethane	0.32	0.50	0.00
1,1-Dichloropropene	0.40	0.50	0.00
Benzene	0.33	0.50	0.00
TAME	0.32	0.50	0.00
1,2-Dichloroethane	0.28	0.50	0.00
Trichloroethylene	0.38	0.50	0.00
Dibromomethane	0.21	0.50	0.00
1,2-Dichloropropane	0.37	0.50	0.00
Bromodichloromethane	0.23	0.50	0.00
2-Chloroethyl vinyl ether	0.91	2.0	0.00

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	03/08/10	**Analytical Batch:**	400247
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.
cis-1,3-Dichloropropene	0.30	0.50	0.00
Toluene	0.19	0.50	0.00
Tetrachloroethylene	0.15	0.50	0.00
trans-1,3-Dichloropropene	0.20	0.50	0.00
1,1,2-Trichloroethane	0.20	0.50	0.00
Dibromochloromethane	0.21	0.50	0.00
1,3-Dichloropropane	0.18	0.50	0.00
1,2-Dibromoethane	0.19	0.50	0.00
Chlorobenzene	0.14	0.50	0.00
Ethyl Benzene	0.15	0.50	0.00
1,1,1,2-Tetrachloroethane	0.10	0.50	0.00
m,p-Xylene	0.20	1.0	0.00
o-Xylene	0.13	0.50	0.00
Styrene	0.20	0.50	0.00
Bromoform	0.45	1.0	0.00
Isopropyl Benzene	0.28	0.50	0.00
Bromobenzene	0.39	0.50	0.00
1,1,2,2-Tetrachloroethane	0.26	0.50	0.00
n-Propylbenzene	0.30	0.50	0.00
2-Chlorotoluene	0.33	0.50	0.00
1,3,5-Trimethylbenzene	0.20	0.50	0.00
4-Chlorotoluene	0.32	0.50	0.00
tert-Butylbenzene	0.29	0.50	0.00
1,2,3-Trichloropropane	0.59	1.0	0.00
1,2,4-Trimethylbenzene	0.33	0.50	0.00
sec-Butyl Benzene	0.24	0.50	0.00
p-Isopropyltoluene	0.25	0.50	0.00
1,3-Dichlorobenzene	0.31	0.50	0.00
1,4-Dichlorobenzene	0.37	0.50	0.00
n-Butylbenzene	0.32	0.50	0.00
1,2-Dichlorobenzene	0.39	0.50	0.00
1,2-Dibromo-3-Chloropropane	0.45	1.0	0.00
Hexachlorobutadiene	0.22	0.50	0.00
1,2,4-Trichlorobenzene	0.48	1.0	0.00
Naphthalene	0.57	1.0	0.00
1,2,3-Trichlorobenzene	0.52	1.0	0.00
(S) Dibromofluoromethane			119
(S) Toluene-d8			115
(S) 4-Bromofluorobenzene			91.5

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	03/08/10	**Analytical Batch:**	400251
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.
TPH(Gasoline)	22	50	0.00
(S) 4-Bromofluorobenzene			110

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	03/12/10	**Analytical Batch:**	400265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.
TPH(Gasoline)	22	50	0.00
(S) 4-Bromofluorobenzene			63

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1003029	**Prep Method:**	3510_TPHSG	**Prep Date:**	03/08/10	**Prep Batch:**	0104
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	03/09/10	**Analytical Batch:**	400217
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as DIesel (SG)	0.0440	0.10		1	61.9	60.5	2.19	34.5 - 95.6	30	
Pentacosane (S)				100	89.6			57.9 - 125		

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	03/08/10	**Analytical Batch:**	400247
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene 93.1	0.29	0.50		17.04		98.1	5.03	61.4 - 129	30	
Benzene	0.33	0.50		17.04	84.9	86.7	1.91	66.9 - 140	30	
Trichloroethylene 99.6	0.38	0.50		17.04		106	5.99	69.3 - 144	30	
Toluene	0.19	0.50		17.04	86.6	79.0	9.41	76.6 - 123	30	
Chlorobenzene 97.5	0.14	0.50		17.04		89.0	9.00	73.9 - 137	30	
(S) Dibromofluoromethane				11.36	117			61.2 - 131		
(S) Toluene-d8				11.36	114			75.1 - 127		
(S) 4-Bromofluorobenzene				11.36	111			64.1 - 120		

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	03/08/10	**Analytical Batch:**	400251
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline) 119	22	50		227.27		103	14.4	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	90.9			58.4 - 133	,D	

Work Order:	1003029	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	8260TPH	**Analyzed Date:**	03/12/10	**Analytical Batch:**	400265
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline) 87.5	22	50		227.27		105	18.2	52.4 - 127	30	
(S) 4-Bromofluorobenzene				11.36	70.0			58.4 - 133	,D	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Kleinfelder(Oakland)

Project Name: 700 Independent Road

Work Order No.: 1003029

Date and Time Received: 3/4/2010 17:25

Received By: LI

Physically Logged By: NG

Checklist Completed By: NG

Carrier Name: Gold Bullet Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	2	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?				

pH Checked by: pH Adjusted by:

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5135 Kleinfelder(Oakland)
Project Name: 700 Independent Road
Project # : 54504
Report Due Date: 3/11/2010

QC Level:
TAT Requested: 5+ day:0
Date Received: 3/4/2010
Time Received: 17:25

Comments: 5 day TAT! Received 6 waters. Missing sample MW-6. Client contacted.

Work Order # : ***1003029***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1003029-001A	MW-1	03/04/10	Water	04/18/10			W_8260MBTEX W_GCMS-GRO	
1003029-001B	MW-1	03/04/10	Water	04/18/10			W_TPHDOSG	
1003029-002A	MW-2	03/04/10	Water	04/18/10			W_8260MBTEX W_GCMS-GRO	
1003029-002B	MW-2	03/04/10 0:00	Water	04/18/10			W_TPHDOSG	
1003029-003A	MW-2D	03/04/10	Water	04/18/10			W_8260MBTEX W_GCMS-GRO	
1003029-003B	MW-2D	03/04/10 0:00	Water	04/18/10			W_TPHDOSG	
1003029-004A	MW-3	03/04/10	Water	04/18/10			W_GCMS-GRO W_8260MBTEX	
1003029-004B	MW-3	03/04/10	Water	04/18/10			W_TPHDOSG	
1003029-005A	MW-4	03/04/10	Water	04/18/10			W_GCMS-GRO W_8260MBTEX	
1003029-005B	MW-4	03/04/10	Water	04/18/10			W_TPHDOSG	
1003029-006A	MW-5	03/04/10	Water	04/18/10			W_8260MBTEX W_GCMS-GRO	
1003029-006B	MW-5	03/04/10	Water	04/18/10			W_TPHDOSG	

483 Sinclair Frontage Rd., Milpitas, CA 95035 | tel: 408.263.5258 | fax: 408.263.8293 | www.torrentlab.com

KLEINFELDER
Bright People. Right Solutions.

1003029

PROJECT NO.	PROJECT NAME	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH-g + BTEX + MTBE 8260B; TPH-d - EPA 8015	RECEIVING LAB:
54504/10	700 INDEPENDENT ROAD				TORRENT
L.P. NO. (PO. NO.)	SAMPLERS: (Signature/Number) Alvaro Dominguez				INSTRUCTIONS/REMARKS: TPHd Analysis w/ Silica Gel Cleanup.

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	TPH-g + BTEX + MTBE 8260B	TPH-d - EPA 8015								
1	3/4/10		MW-1	Water	4 VOA 1 Amber		X	X		001A-B						
2		MW2 1110	MW-2		4 VOA 1 Amber		X	X		002A-B						
3		MW2D 1110	MW-2D		4 / 1	VOA Amber	X	X		003A-B						
4			MW-3		4/1	VOA Amber	X	X		004A-B						
5			MW-4		4/1	VOA Amber	X	X		005A-B						
6			MW-5		4/1	VOA Amber	X	X		006A-B						
7			MW-6													
8																
9																
10																Temp 2°C
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Instructions/Remarks:	Send Results To:
Alvaro Dominguez	3/4/10 3:30 pm		Please send EDF for	adominguez@kleinfelder.com
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	3-4-10 Submitted to	
	3/4/10 3:30	Courier L-D-Imbay	Gas Tracker.	Attn: Alvaro Dominguez.
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)		

ENV-02 REV 05/08)

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

CHAIN OF CUSTODY

COC № 10977