

**REVISED DRAFT**  
**Phase II Environmental Site Assessments at**  
**3810 Depot Road and 3700 Enterprise Avenue,**  
**and Additional Soil and Groundwater Sampling**  
**Activities at 3862 and 3878 Depot Road,**  
**Hayward, California**

**November 8, 2006**  
**001-09301-01**

Prepared By  
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ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

November 8, 2006

001-09301-01

Ms. Barbara McBride  
Calpine Corporation  
4160 Dublin Boulevard  
Dublin, California 94566

**Subject:** Revised Draft Phase II Environmental Site Assessments at 3810 Depot Road and 3700 Enterprise Avenue, and Additional Soil and Groundwater Sampling Activities at 3862 and 3878 Depot Road, Hayward, California

Dear Ms. McBride:

LFR Inc. (LFR) presents this report, on behalf of Calpine Corporation, documenting the findings of Phase II Environmental Site Assessments at 3810 Depot Road and 3700 Enterprise Avenue (“the Aladdin property” and “the City property,” respectively), and additional Soil and Groundwater Sampling Activities at 3862 and 3878 Depot Road (“the Eash property”), in Hayward, California.

Thank you for the opportunity to assist you with this project. If you have any questions, please call Lucas Goldstein at (510) 652-4500 or Chuck Pardini at (650) 469-7230.

Sincerely,

Lucas Goldstein, P.G.  
Senior Engineer

Attachment

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## 1.0 INTRODUCTION

LFR Inc. (LFR) has prepared this report, on behalf of Calpine Corporation (“Calpine”), documenting the findings of Phase II Environmental Site Assessments (ESAs) at 3810 Depot Road and 3700 Enterprise Avenue (“the Aladdin property” and “the City property,” respectively), and additional Soil and Groundwater Sampling Activities at 3862 and 3878 Depot Road (“the Eash property”), in Hayward, California (collectively “the Site”; Figure 1). The objectives of the investigations were the following:

- to assess whether soil and groundwater have been affected by chemical storage and use at the City and Aladdin properties, as reported in LFR’s Phase I ESAs for those properties, dated October 21, 2005 and \_\_\_\_\_, [draft report, date pending] 2006, respectively; and
- to assess the extent of affected soil at the Eash property, as recommended in LFR’s Limited Soil and Groundwater Sampling Report, dated April 8, 2005.

LFR’s scope of work for this investigation was conducted in accordance with LFR’s work order dated June 22, 2006, which was submitted to and authorized by Calpine.

## 2.0 BACKGROUND AND SCOPE OF WORK

### 2.1 3810 Depot Road: “The Aladdin Property”

**Background.** The Aladdin property consists of 2.96 acres (Figure 2). In 2004 and 2005, LFR completed Phase I and Phase II ESAs of properties that are adjacent to the western boundary of the Aladdin property, addressed 3862 and 3878 Depot Road.

The Phase I ESA included the following tasks:

- review of background information on site setting and history of site usage
- reconnaissance level site visit and visual observation of neighboring properties
- review of regulatory records concerning the site and surrounding area

The results of the Phase I ESA indicated that the northern and central portions of the Aladdin property are occupied by 4000 Auto Wreckers, Inc., an automobile recycling and used auto parts facility. The southern portion of the property is used for storage by a number of entities, including the two property owners, St. Francis Electric Company, Bay Area Framers, and D&S Trucking. A greenhouse is located along the southern border of the property. The building was reportedly formerly used to grow hybrid wheat and tomatoes.

A review of available historical information indicates that the Aladdin property was undeveloped from at least the late 1930s until the late 1960s. The property has been occupied by automobile wrecking and used parts dealers since the late 1960s. The area in the vicinity of the Aladdin property was occupied by the Hayward Motorcycle Club (east) from at least the 1940s to the 1970s, the City of Hayward sewage treatment plant (south) since the late 1950s, automobile wrecking and pallet storage (west) from the 1970s, and offices and warehouse facilities (north) since the 1990s.

The Phase I ESA identified the following environmental concerns at the Aladdin property:

- The property was historically and is currently used as an automobile wrecking and recycling facility. Hazardous materials and wastes are generated by these activities. There have been no reported spills or releases of oil or hazardous materials; however, undocumented releases may have occurred at this property.
- Labeled and unlabeled 55-gallon drums containing petroleum products were observed stored on the southern portion of the property. Minor staining was observed on the ground surface in the vicinity of some of the drums.
- Three, presumably empty, aboveground storage tanks labeled as "diesel" were observed near the southwestern portion of the Site. The property owner indicated that the tanks were transported to the Site from another property for storage. No signs of current use or staining indicative of a release were observed on the ground beneath the tanks.

**Scope of Work.** LFR's scope of work for the Aladdin property included completing a Phase I ESA, which is included as Appendix A. The objective of the Phase I ESA was to identify recognized environmental conditions at the Site. The objective was met by evaluating the potential presence of hazardous substances and/or petroleum products on or near the Aladdin property. The Phase I scope of work was based solely on available records, visual observations, and personal interviews. The scope of work included a preliminary review for the presence of polychlorinated biphenyls (PCBs), but did not include the collection of suspect PCB fluids from electrical equipment.

The current Phase II investigation was conducted based on the results of the Phase I findings. The objective of the Phase II investigation was to assess whether soil and groundwater were affected by present and past on-site practices. A limited soil and groundwater investigation was designed to meet this objective. LFR advanced six soil borings to depths ranging from approximately 2 to 20 feet below ground surface (bgs), or approximately 5 feet below the depth at which water was encountered during the drilling. Field boring logs are included in Appendix B. The locations of the borings were determined based on the results of the Phase I ESA.

Twelve soil samples and six grab groundwater samples were collected during this investigation (two soil samples and one groundwater sample from each boring). Only the near-surface soil samples collected from the Aladdin property were analyzed

initially. The soil samples collected at approximately 3 feet bgs and deeper were placed on hold at the laboratory pending receipt of the results for the analyzed samples. The soil samples were analyzed by State of California-certified laboratories for organochlorine pesticides (OCPs) using Environmental Protection Agency (EPA) Method 8081; for priority pollutant metals using EPA Method 6010; for volatile organic compounds (VOCs) using EPA Method 8260B; and for total petroleum hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), and TPH as motor oil (TPHmo) using EPA Method 8015m. The grab groundwater samples were analyzed for VOCs using EPA Method 8260B and for metals using EPA Method 6010.

## 2.2 3700 Enterprise Avenue: “The City Property”

**Background.** In 2005, LFR completed a Phase I ESA for the City property, which includes two parcels of land located on Enterprise Avenue. One of the parcels is the western portion of the City’s sewage treatment plant (STP) property, a primarily unpaved area with a ground surface consisting of mostly bare soil. The City property also included an undeveloped 1.67-acre parcel adjoining the STP property to the southwest. Structures on the western portion of the STP property include the western half of an influent flow equalization basin and a sludge distribution basin, both located along the southern portion of the parcel, an effluent channel and a storm-water channel, located along the western border of the parcel, and an unlined biosolids drying area, located on the northern and central portions of the parcel. There have been no reported releases or spills at the City property. However, given its historical use as primarily a biosolids drying area, recalcitrant compounds, including metals, TPH, and VOCs, may be present in the subsurface. Laboratory data provided to LFR by the City of Hayward indicated the presence of metals, TPH, and VOCs in the sludge and biosolids generated at the plant in 2004 and 2005.

**Scope of Work.** The objective of the Phase II ESA was to assess the quality of the soil and groundwater at the City property. LFR’s study was limited to the portion of the City property occupied by the STP and did not include an investigation of the undeveloped 1.67-acre parcel. Historically, the City property has been used for the storage of biosolids generated by the adjoining wastewater treatment plant. LFR advanced five soil borings to approximately 5 feet below the depth at which water is encountered during the drilling, or a maximum of 25 feet bgs. The boring locations are shown on Figure 3 and were selected to assess the condition of the soil and groundwater at the City property. Four additional shallow soil borings (to approximately 2 feet bgs) were advanced in the biosolids drying area. The near-surface soil samples were collected at approximate depths of 1 foot to 3 feet bgs. Soil samples were collected by driving a hollow steel rod soil sampler fitted with a clean liner into the ground from the ground surface.

Only the near-surface soil samples collected from the City property were analyzed initially. The soil samples collected at approximately 3 feet bgs and deeper were placed on hold at the laboratory pending receipt of the results for the analyzed samples. The

soil and groundwater samples were analyzed by a State of California-certified laboratory on a normal 7-day turnaround time. The soil samples were analyzed for OCPs using EPA Method 8081; for priority pollutant metals using EPA Method 6010; for VOCs using EPA Method 8260B; for semivolatile organic compounds (SVOCs) using EPA Method 8270B; for TPHg, TPHd, and TPHmo using EPA Method 8015m; and for PCBs using EPA Method 8082. The four shallow soil samples collected in the biosolids drying area were analyzed for metals only. The grab groundwater samples were analyzed for VOCs using EPA Method 8260B and for metals using EPA Method 6010.

### 2.3 3862 and 3878 Depot Road: “The Eash Property”

**Background.** On December 20 and 21, 2004, LFR performed a limited soil and groundwater investigation at the Eash property. This investigation is documented in LFR’s “Limited Soil and Groundwater Sampling Investigation Report, 3862 and 3878 Depot Road, Hayward, California,” dated April 8, 2005.

Soil analytical results indicated that shallow soils (less than 3 feet bgs) at locations SB-1, SB-6, and SB-9 are affected with residual chemicals at concentrations above regulatory action levels, including Environmental Screening Levels (ESLs). Groundwater analytical results indicated that shallow groundwater contains residual concentrations of methyl tertiary-butyl ether (MTBE), xylenes, and ethylbenzene at concentrations only slightly above the ESLs. Overall, residual contaminants were detected sporadically and at relatively low levels, indicating that widespread, chemical-affected groundwater was not present at the Eash property.

During LFR’s investigation in December 2004, Mr. John Eash, the owner of the 3862 Depot Road property and current manager of the Metal Masters facility, identified the approximate location of a former underground storage tank (“the presumed former UST”) to LFR field staff. The presumed former UST was not identified by the UST database search and file reviews conducted as a part of a 2004 Phase I ESA conducted at the Eash property. According to Mr. Eash, the presumed former UST is located near the barn, north of location SB-9 (see Figure 2). Soil borings were not advanced near the presumed former UST during the December 2004 investigation because its presence was not identified until the field activities were nearly completed.

**Scope of Work.** To assess the presence of the UST, and the possible presence of chemical-affected soil and groundwater in the vicinity of the UST, if found, LFR completed the following tasks:

- A geophysical investigation to confirm the presence of the presumed former UST, determine if the UST has been removed, and define the extent of UST excavation pit. Two methods were used to conduct the geophysical investigation: standard metal detector and groundwater penetration radar (GPR) detection techniques.

- The advancement of two soil borings (UST-1 and UST-2) in the vicinity of the UST or presumed former UST pit. Borings were advanced to approximately 5 feet below the depth at which water is encountered during the drilling, or a maximum of 25 feet bgs, for the purpose of collecting soil and groundwater samples to evaluate the extent of any residual affected soil and/or groundwater.
- The advancement of one soil boring (SB-17) on the western portion of the property, an area of the property that had not been previously investigated.
- Collection of soil samples to further assess the extent of affected soils at previous sampling locations SB-1, SB-6, and SB-9. Four shallow soil samples (to approximately 2 feet bgs) were collected at each of these locations (12 samples total) to evaluate the extent of affected soil (characterized in LFR's "Limited Soil and Groundwater Investigation Report") for the constituents of concern as shown in the following table.

2004 Sample Locations	Constituents of Concern
SB-1	TPHd, TPHmo, and metals
SB-6	Pesticides and PCBs
SB-9	Pesticides and PCBs

Two soil borings were advanced to groundwater in the vicinity of the presumed former UST. One boring (UST-1) was advanced at the presumed former UST pit, near the termination of the UST piping currently in place. One boring (UST-2) was advanced near the dispenser pump, located in the northwestern corner of the barn (Figure 2). Soil samples from the UST borings were retained from the top of the water table (i.e., the "smear zone") at depths of approximately 9 feet bgs. The soil samples from the UST area were analyzed for priority pollutant metals using EPA Method 6010; for VOCs using EPA Method 8260B; and for TPHg, TPHd, and TPHmo using EPA Method 8015m. The grab groundwater samples were analyzed for VOCs using EPA Method 8260B and for TPHg, TPHd, and TPHmo using EPA Method 8015m.

Twelve shallow soil samples were collected and analyzed from locations SB-1, SB-6, and SB-9. The samples were analyzed for TPHd, TPHmo, and metals (locations SB-1 a through d) and for pesticides and PCBs (locations SB-6 and SB-9).

Soil samples collected from boring SB-17 were analyzed for OCPs using EPA Method 8081; for priority pollutant metals using EPA Method 6010; for VOCs using EPA Method 8260B; for SVOCs using EPA Method 8270B; for TPHg, TPHd, and TPHmo using EPA Method 8015m; and for PCBs using EPA Method 8082.

## 3.0 INVESTIGATIONS

### 3.1 Fieldwork Preparation and Results

Before fieldwork began, LFR obtained a permit for soil borings from the Alameda County Public Works Agency (Appendix C). LFR also notified Underground Service Alert to identify public underground utilities, and subcontracted with a private utility locator to locate underground utilities at the Site. LFR also prepared a site-specific Health and Safety Plan (LFR 2006).

On August 7 through 9, 2006, LFR conducted field investigation activities, pursuant to LFR's work order dated June 22, 2006, at the three properties.

Under the observation of an LFR geologist, Vironex of Hayward, California, advanced a total of 26 soil borings using a Geoprobe rig. Boring locations were selected based on potential adverse environmental conditions identified in the ESAs and previous studies conducted at the Site, as follows:

- Locations BA-1 through BA-6 were advanced at the Aladdin property in the areas of identified environmental concerns which included a diesel drum storage area, a truck storage and service area, an automobile storage area, a hazardous materials storage area, and a motor storage area.
- Locations B-1 through B-9 were advanced at the City property.
- Locations UST-1 and UST-2, SB-1(a, b, c, d), SB-6(a, b, c, d), SB-9(a, b, c, d), and SB-17 were advanced at the Eash property in the area of the presumed former UST and areas of identified soil impact, and on the western portion of the property, which had not previously been investigated.

Soil borings were advanced at the locations to maximum depths of approximately 25 feet bgs. Samples were collected for analysis at depths of approximately 1 foot bgs and 3 feet bgs from each boring, except for the two UST borings on the Eash property where samples were collected at approximate depths of 9 feet bgs and 18 feet bgs. Samples were also collected for lithologic description from each boring and lithologically logged, using the Unified Soil Classification System. The soil samples were also examined for visible indications of petroleum hydrocarbons.

Fill, consisting of clayey gravel, and naturally emplaced silt and clay were the predominant soil types encountered at the upper 25 feet of the Site. Groundwater was encountered at approximately 15 to 20 feet bgs on the Eash and Aladdin properties and approximately 10 to 20 feet bgs on the City property.

After soil lithology was recorded and soil samples were collected, Hydropunch samples were collected at selected locations. A temporary casing of threaded, 1-inch-diameter polyvinyl chloride (PVC) was introduced into each Hydropunch boring, with

approximately 10 feet of 0.010-inch slotted well screen across the groundwater table in the borings. Grab groundwater samples were pumped directly from each boring, using a disposable bailer, into clean, laboratory-supplied, 40-milliliter vials. Sample containers were labeled and placed into an ice-chilled cooler for transportation to the analytical laboratory following strict chain-of-custody protocols. After sample collection, the temporary casing was removed from each boring and the borings were backfilled with neat cement, in accordance with county requirements.

### 3.2 Geophysical Investigation

On August 3, 2006, NORCAL Geophysical Consultants, Inc. (NORCAL) conducted a geophysical investigation on the Eash property in the area of the presumed former UST. This work was observed by an LFR geologist. Information provided to LFR by the property owner, Mr. Eash, indicated that a UST had been located outside the barn approximately 10 feet north of the northwestern corner of the barn. Mr. Eash also indicated that the UST had been removed. The purpose of the investigation was to confirm that the UST was removed and to determine if there was evidence of remaining piping or any additional USTs within the survey area.

The survey was conducted using a combination of vertical magnetic gradient, hand-held metal detection, GPR, and electromagnetic line locating methods.

The survey, as delineated by LFR, consisted of a 110-foot by 90-foot U-shaped area located along portions of the northern, western, and southern walls of the barn. Results of NORCAL's survey indicated the following:

- GPR data and magnetometer surveys did not indicate the presence of a UST at the presumed former UST location and within the designated survey area surrounding the barn.
- Magnetometer surveys detected two elongated subsurface metallic objects interpreted as being underground pipes. One object may be the suspected remnant of the former product line. It extends north from the barn where it appears to terminate in the general area where the presumed former UST is reported to have been removed. The other pipeline is an undifferentiated utility line located on the southern side of the barn.

NORCAL's report is included in Appendix D.

### 3.3 Laboratory Analyses

**Laboratory Analyses.** Soil and groundwater samples were submitted to Torrent Laboratory, Inc., of Milpitas, California, a state-certified analytical laboratory. The analyses were performed in accordance with EPA methods, as summarized in the following table.

### Summary of Analyses, August 2006 Investigation

Analytes	EPA Method	No. of Soil Samples 1 foot bgs	No. of Soil Samples 3 feet bgs *	No. of Water Samples	Sample IDs 2006 Investigation
<b>3810 Depot Road, the Aladdin property</b>					
TPHg, TPHd, TPHmo	8015M	6	0	0	BA-1(1.0) through BA-6(1.0)
VOCs	8260B	6	0	6	BA-1(1.0) through BA-6(1.0); BA-1 through BA-6
Metals	6010B	6	0	6	BA-1(1.0) through BA-6(1.0); BA-1 through BA-6
OCPs	8081	6	0	0	BA-1(1.0) through BA-6(1.0)
Chlorinated Herbicides	8151	6	0	0	BA-1(1.0) through BA-6(1.0)
PCBs	8082	6	0	0	BA-1(1.0) through BA-6(1.0)
<b>3700 Enterprise Avenue, the City property</b>					
TPHg, TPHd, TPHmo	8015M	5	0	0	B-1(1.0) through B-5(1.0)
VOCs	8260B	5	0	5	B-1(1.0) through B-5(1.0), B-1 through B-5
Metals	6010B	9	1	5	B-1(1.0) through B-9(1.0), B-4(3.0), B-1 through B-5
OCPs	8081	5	1	0	B-1(1.0) through B-5(1.0), B-5(3.0)
Chlorinated Herbicides	8151	5	0	0	B-1(1.0) through B-5(1.0)
PCBs	8082	5	1	0	B-1(1.0) through B-5(1.0), B-5(3.0)
SVOCs	8270	5	0	0	B-1(1.0) through B-5(1.0)
<b>3862 and 3878 Depot Road, the Eash property</b>					
TPHg, TPHd, TPHmo	8015M	3	0	3	SB-17(1.0), UST-1(8.0), UST-2(9.0), SB-17, UST-1, UST-2
VOCs	8260B	3	0	3	SB-17(1.0), UST-1(8.0), UST-2(9.0), SB-17, UST-1, UST-2
Metals	6010B	7	0	1	SB-17(1.0), UST-1(8.0), UST-2(9.0), SB-1A(1.0) through SB-1d(1.0), SB-17
OCPs	8081	13	0	0	SB-1a(1.0) through SB-1d(1.0); SB-6a(1.0) through SB-6d(1.0); SB-9a(1.0) through SB-9d(1.0), SB-17

Analytes	EPA Method	No. of Soil Samples 1 foot bgs	No. of Soil Samples 3 feet bgs *	No. of Water Samples	Sample IDs 2006 Investigation
PCBs	8082	13	0	0	SB-1a(1.0) through SB-1d(1.0); SB-6a(1.0) through SB-6d(1.0); SB-9a(1.0) through SB-9d(1.0), SB-17
Nitrates	E300	0	0	1	SB-17

Note: \*The soil samples collected at approximately 3 feet bgs were placed on hold at the laboratory pending receipt of the results for the analyzed samples.

Analytical laboratory certificates for soil and groundwater sample analyses conducted in August 2006 are presented in Appendix E. Analytical results are summarized in Tables 1 through 6 and are discussed in Section 4. Soil and groundwater samples collected on the Eash property during the previous limited soil and groundwater investigation conducted in 2004 are also included in the summary tables. The discussion of laboratory results presented below also includes references to data collected by LFR during the December 2004 investigation.

LFR performed a standard “Level 3” data validation review. For each analytical method, the following parameters were reviewed:

- holding times (to assess potential for degradation that will affect accuracy)
- field and laboratory blanks (to assess contamination for all compounds)
- method spikes/method spike duplicates or Laboratory Fortified Blanks (to assess accuracy of the methods and precision of the method relative to the specific sample matrix)
- Internal Standards (to assess method accuracy and sensitivity)
- Compound Quantitation Limits and Method Detection Limits (to assess sensitivity as compared to project-specific requirements)

Based on the Level 3 validation, the data are valid with the following exception:

- The surrogate used to evaluate TPHg accuracy and sensitivity was consistently out of compliance. Most of the TPHg analytical results were below reporting limit; however, since the TPHg surrogate failed low, the non-detects become suspect. Therefore, TPHg results for each sample delivery group (SDG) are qualified as estimated results.

#### 4.0 EVALUATION OF LABORATORY ANALYSES RESULTS

Soil and groundwater quality data were evaluated based on comparison to the San Francisco Regional Water Quality Control Board (RWQCB) ESLs (RWQCB 2005) for

soil and groundwater for commercial and industrial properties where the groundwater is a potential source of drinking water (referred to herein as “the ESLs”). The ESLs were developed for the following exposure pathways and/or environmental concerns: protection of human health, direct/indirect exposure to affected soil (ingestion, dermal absorption, inhalation of vapors and dust in outdoor air), emission of subsurface vapors to building interiors, protection of groundwater quality (leaching of chemicals from soil), protection of terrestrial (non-human) biota, protection against nuisance concerns (odors, etc.), and general resource degradation. Soil screening levels for individual environmental concerns are compared, and the lowest of these levels (i.e., the concentration of the chemical at which all other environmental concerns would likewise be addressed) is presented as the ESL. For ease of comparison, the ESL for each constituent of concern is presented in its respective data summary table. If the ESL for an individual constituent was not available, then the laboratory result was compared to the EPA Region IX Preliminary Remediation Goals (EPA PRGs; EPA 2004), if available. Additionally, laboratory results for metals were compared to background distribution of metals at Lawrence Berkeley National Laboratory (LBNL 2002). In addition, select metals were compared to the U.S. EPA’s drinking water Maximum Contaminant Levels (MCLs) and/or National Ambient Water Quality Criteria (NAWQC).

## 4.1 Soil Results

### 4.1.1 Hydrocarbons

TPHg, TPHd, and TPHmo detected in soil samples collected on the three properties are presented in Table 1 and summarized as follows:

#### *3810 Depot Road: “The Aladdin Property”*

TPHg and TPHd were not detected above the laboratory reporting limit of 0.05 milligram per kilogram (mg/Kg) in the six soil samples collected from 1 foot bgs. TPHmo was detected in the six soil samples collected at approximately 1 foot bgs at concentrations ranging from 6.21 mg/Kg to 400 mg/Kg. However, the concentrations of TPHmo are below the ESL.

#### *3700 Enterprise Avenue: “The City Property”*

TPHd was detected in samples B-4 (1.0 foot bgs) and B-5 (1.0 foot bgs) at concentrations of 23.1 and 3.69 mg/Kg, respectively. The laboratory report noted that the chromatogram for the samples does not match the typical diesel pattern. The result may be a carryover from the TPHmo quantitation range. TPHmo was detected in the five soil samples collected from 1 foot bgs at concentrations ranging from 16.2 to 818 mg/Kg. TPHg was detected in sample B-3 (1.0 foot bgs) at a concentration of 9.9 mg/Kg; however, the laboratory report indicates that the chromatogram for the sample does not match typical gasoline and that the result is due to the overlap of heavy

hydrocarbons into the TPHg quantitation range. The concentrations of TPHg and TPHmo are below the applicable ESLs.

#### ***3862 and 3878 Depot Road: “The Eash Property”***

Soil samples SB-17 (1.0 foot bgs), UST-1 (8.0 feet bgs), and UST-2 (9.0 feet bgs) were analyzed for TPHd, TPHg, and TPHmo. TPHd and TPHg were not detected in the samples. TPHmo was detected in the samples at concentrations of 52.2 mg/Kg, 4.3 mg/Kg, and 23.2 mg/Kg, respectively. The concentrations detected are below the applicable ESLs.

Soil samples SB-1a, SB-1b, SB-1c, and SB-1d were analyzed for TPHd and TPHmo. TPHd was detected in samples SB-1c and SB-1d at concentrations of 57 and 36 mg/Kg, respectively. The concentrations detected are below the ESLs. TPHmo was detected in the four samples at concentrations ranging from 141 mg/Kg to 4,450 mg/Kg. Samples SB-1a and SB-1c have concentrations of TPHmo above the ESL.

#### **4.1.2 VOCs**

VOCs detected in soil samples collected from the three properties are presented in Table 2. 2-Butanone was detected at 12.28 micrograms per kilogram ( $\mu\text{g}/\text{Kg}$ ) in one soil sample collected from the City property (sample B-3 [1 foot bgs]). This concentration of 2-butanone is well below the ESL. Methylene chloride was detected in soil samples collected during the 2004 investigation. However, methylene chloride is used in the soil sample extraction process and these detections were likely a result of laboratory cross-contamination. No other VOCs were detected in the soil samples analyzed at concentrations above the method detection limits.

#### **4.1.3 SVOCs**

SVOCs detected in soil samples collected from the three properties are presented in Table 2. Bis-2-ethylhexyl-phthalate was detected in one soil sample collected from the City property (sample B-4 [1 foot bgs]) at 440  $\mu\text{g}/\text{Kg}$ . However, bis-2-ethylhexyl-phthalate is a common constituent found in sampling gloves, and this detection is likely a result of field cross-contamination. In addition, the detection of bis-2-ethylhexyl-phthalate is below the respective ESL. No other SVOCs were detected in the soil samples analyzed at concentrations above the method detection limits.

#### **4.1.4 Metals**

Metals detected in soil samples at the Site include antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, silver, vanadium, and zinc. Analytical results for metals analyses are presented in Table 3. Arsenic, cadmium, chromium, cobalt, copper, silver, and zinc were detected above the ESLs as follows.

***3810 Depot Road: “The Aladdin Property”***

Metals detected in soil samples include arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. The analytical results indicate the following:

- Arsenic was detected at concentrations ranging from 4.0 to 7.9 mg/Kg in the six samples analyzed. Four of the samples had arsenic at concentrations above the ESL of 5.5 mg/Kg. Arsenic concentrations were also compared to background distribution of metals at LBNL (LBNL 2002). These concentrations detected are below the background concentrations. Therefore, arsenic detected at the Site can be considered naturally occurring.
- Cadmium was detected in sample BA-3(1.0) at a concentration of 1.3 mg/Kg, which is below the ESL.
- Cobalt was detected at concentrations ranging from 9.8 to 20 mg/Kg in the six samples analyzed. Cobalt was detected in five samples at concentrations exceeding the ESL of 10 mg/Kg. During the December 2004 investigation, the ESL for cobalt was 80 mg/Kg. The ESL has been reduced to 10 mg/Kg; therefore, several samples collected during both studies now exceed the ESL. Cobalt concentrations detected during both studies ranged from below laboratory detection limits to 20 mg/Kg. All cobalt detections were below background concentrations as stated by LBNL (LBNL 2002).
- Barium, chromium, copper, lead, nickel, vanadium, and zinc were detected in the six samples at concentrations below the ESLs.
- Mercury was detected in five of the six samples at concentrations ranging from 0.21 to 1.4 mg/Kg. These concentrations are below the ESL.

***3700 Enterprise Avenue: “The City Property”***

Metals detected in soil samples include antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, silver, vanadium, and zinc. The analytical results indicate the following:

- Arsenic was detected at concentrations ranging from 2.6 to 6.4 mg/Kg in the 10 samples. Two of the samples had arsenic at concentrations above the ESL; however, the concentrations are below the background concentrations for the Bay Area as stated by LBNL.
- Cobalt was detected in nine samples ranging from 7.2 to 11 mg/Kg. Sample B-2(1.0) at a concentration of 11 mg/Kg is above the ESL. All cobalt detections were below background concentrations as stated by LBNL (LBNL 2002).
- Barium, lead, nickel, and vanadium were detected in the 10 samples at concentrations below the ESLs.
- Mercury was detected in seven samples at concentrations below the ESL.

- Antimony, beryllium, and molybdenum were each detected in one of the 10 samples collected at concentrations below the ESLs.
- Cadmium was detected in four samples at concentrations ranging from 1.2 to 9.6 mg/Kg. The concentration (9.6 mg/Kg) of cadmium in sample B-4(1.0) is above the applicable ESL.
- Chromium was detected in the 10 samples analyzed at concentrations ranging from 23 to 140 mg/Kg. The concentrations of chromium in two of the samples, B-4(1.0) and B-8(1.0), are above the applicable ESL.
- Copper was detected in the 10 samples analyzed at concentrations ranging from 23 to 480 mg/Kg. The concentration of copper (480 mg/Kg) in sample B-4(1.0) is above the applicable ESL.
- Silver was detected in three of the samples analyzed ranging from 2.2 to 70 mg/Kg. The concentration (70 mg/Kg) of silver in sample B-4(1.0) is above the applicable ESL.
- Zinc was detected in 10 of the samples analyzed at concentrations ranging from 41 to 830 mg/Kg. The concentrations in samples B-4(1.0) (830 mg/Kg) and B-8(1.0) (820 mg/Kg) are above the applicable ESL.

Based on the results for sample B-4(1), collected at 1 foot bgs, the sample collected from 3 feet bgs (sample ID B-4[3]) was also analyzed for metals. The results indicate the presence of the metals arsenic, barium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc at concentrations below the applicable ESLs.

### ***3862 and 3878 Depot Road: “The Eash Property”***

Metals detected in soil samples include antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, silver, vanadium, and zinc.

- Arsenic concentrations ranged from 1.8 to 7.4 mg/Kg in the seven samples. The concentration of arsenic in sample SB-1a(1.0) is above the ESL but below the background concentration as stated by LBNL.
- Barium, copper, lead, nickel, and vanadium were detected in the seven samples collected at concentrations below the ESLs.
- Mercury was detected in five of the seven samples collected at concentrations below the ESL.
- Antimony was detected in one sample at a concentration below the ESL.
- Cadmium was detected in three samples at concentrations ranging from 5.0 to 8.6 mg/Kg. The concentration in SB-1d(1.0) is above the ESL.
- Chromium was detected in the seven samples analyzed at concentrations ranging from 40 to 260 mg/Kg. The concentrations in samples SB-1a, SB-1c, and SB-1d(1.0) are above the ESL.

- Zinc was detected in the seven samples analyzed at concentrations ranging from 22 to 2,400 mg/Kg. The concentration in SB-1d(1.0) is above the ESL.
- Cobalt was detected in the seven samples analyzed at concentrations ranging from 6.2 to 18 mg/Kg. The concentration in SB-17(1.0) is above the ESL. All cobalt detections were below background concentrations as stated by LBNL (LBNL 2002).

#### 4.1.5 Polychlorinated Biphenyls

Analytical results for PCBs are summarized in Table 5. PCBs were not detected in the soil samples collected from the Aladdin and City properties.

PCBs were detected sporadically in the soil samples collected near the barn on the Eash property (near location SB-9). Aroclor-1254 was detected in four of the 13 samples analyzed for PCBs, and Aroclor-1260 was detected in two of the 13 samples analyzed for PCBs. PCBs are not regulated by specific PCB compounds, but rather as a total PCB concentration that may be hazardous to human and ecological health. Total PCB concentrations in the six samples containing detections of PCBs ranged from 140 to 1,340  $\mu\text{g}/\text{Kg}$ . The samples collected from SB-9a(1.0) and SB-9d(1.0) were above the ESL for total PCBs.

#### 4.1.6 Organochlorine Pesticides and Herbicides

Herbicides were not detected above the laboratory reporting limits. Analytical results for OCPs are summarized in Table 4. OCPs were not detected in the soil samples collected from the Aladdin and City properties. OCPs, including dichlorodiphenyltrichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT), alpha-Chlordane, gamma-Chlordane, and dieldrin, were detected at the Aladdin property as follows:

- 4,4-DDE was detected at concentrations ranging from 22.3 to 70.8  $\mu\text{g}/\text{Kg}$  in five of the 13 samples analyzed. All of the concentrations are below the ESL.
- 4,4-DDT was detected at concentrations ranging from 34.6 to 58.6  $\mu\text{g}/\text{Kg}$  in three of the 13 samples analyzed. All of the concentrations are below the ESL.
- alpha-Chlordane was detected at concentrations of 57.2 and 22.4  $\mu\text{g}/\text{Kg}$  in the samples collected from SB-1c(1.0) and SB-1d(1.0), respectively. These concentrations are below the ESL.
- gamma-Chlordane was detected at concentrations of 67.1 and 23.2  $\mu\text{g}/\text{Kg}$  in the samples collected from SB-1c(1.0) and SB-1d(1.0), respectively. These concentrations are below the ESL.
- Dieldrin was detected at concentrations ranging from 12.7 to 71  $\mu\text{g}/\text{Kg}$  in four of the samples analyzed. All of the concentrations are above the ESLs.

## 4.2 Groundwater Results

### 4.2.1 Hydrocarbons

No hydrocarbons were detected in the groundwater samples collected on the Eash property in the vicinity of the presumed former UST (samples UST-1 and UST-2) at concentrations above the method detection limits. Analytical results for TPH in groundwater are summarized in Table 1-a. Groundwater samples collected from the Aladdin property and the City property were not analyzed for hydrocarbons.

### 4.2.2 Volatile Organic Compounds

Analytical results for VOCs in groundwater are summarized in Table 6. The analytical results indicate the following:

#### ***3810 Depot Road: “The Aladdin Property”***

- MTBE was detected at concentrations of 0.82 and 5.1 micrograms per liter ( $\mu\text{g/L}$ ) in the samples collected from BA-1 and BA-6, respectively. The detection of 5.1  $\mu\text{g/L}$  is above the ESL.
- 1,1-Dichloroethane (1,1-DCA) was detected in samples BA-1 and BA-3 at concentrations of 4.89 and 5.82  $\mu\text{g/L}$ , respectively. The concentration in sample BA-3 is slightly above the ESL.
- 1,1-Dichloroethene (1,1-DCE) was detected in samples BA-1 and BA-3 at concentrations of 7.43 and 20.8  $\mu\text{g/L}$ . Both concentrations are above the ESL.
- Isopropyl ether was detected in sample BA-4 at a concentration of 0.77  $\mu\text{g/L}$ . An ESL has not been established for this compound.

#### ***3700 Enterprise Avenue: “The City Property”***

- MTBE was detected in samples B-1 and B-2 at concentrations of 0.76 and 2.92  $\mu\text{g/L}$ , respectively, which are below the ESL.
- Toluene was detected in samples B-3 and B-5 at concentrations of 0.57 and 0.63  $\mu\text{g/L}$ , respectively, which are below the ESL.
- Isopropyl ether was detected in sample B-1 at a concentration of 2.43  $\mu\text{g/L}$ . There is no ESL currently established for this compound.
- Trichloroethene was detected in sample B-2 at 0.7  $\mu\text{g/L}$ , which is below the ESL.

#### ***3862 and 3878 Depot Road: “The Eash Property”***

During the 2004 investigation, 1,2,4-trimethylbenzene, acetone, benzene, carbon disulfide, ethylbenzene, isopropylbenzene, methylene chloride, MTBE, n-butylbenzene,

xylenes, para-isopropyl, propylbenzene, sec-Butylbenzene, and toluene were detected in grab groundwater samples above the laboratory detection limit. Detections of these VOCs were generally sporadic; one or more VOCs were detected at seven of the eight locations. Ethylbenzene, MTBE, xylenes, and toluene were detected at four or more groundwater sample locations. Only MTBE, benzene, xylenes, and methylene chloride were detected above the ESLs. The reported concentrations of MTBE, benzene, ethylbenzene, xylenes, and methylene chloride are relatively low.

No VOCs were detected in the groundwater samples (UST-1 and UST-2) collected in the vicinity of the presumed former UST on the Eash property at concentrations above the method detection limits.

### 4.2.3 Metals

Analytical results for metals detected in groundwater at the three properties are presented in Table 3a.

#### ***3810 Depot Road: “The Aladdin Property”***

Metals detected in groundwater samples include arsenic, barium, cobalt, copper, mercury, molybdenum, selenium, silver, and zinc. The analytical results indicate the following:

- Arsenic was detected in the samples at concentrations ranging from 0.0075 to 0.011 milligrams per liter (mg/L). The concentrations are below the ESL.
- Barium was detected at concentrations ranging from 0.063 to 0.17 mg/L in the six samples analyzed. All concentrations detected are below the applicable ESL.
- Cobalt was detected in the sample collected at BA-1 at a concentration of 0.0054 mg/L. This concentration is below the ESL.
- Copper was detected in the sample collected at BA-5 at a concentration of 0.0064 mg/L. This concentration is above the ESL but below the MCL.
- Mercury was detected in the six samples at concentrations ranging from 0.00070 to 0.00080 mg/L. All of the concentrations are above the ESL but below the MCL.
- Selenium was detected in the six samples at concentrations ranging from 0.019 to 0.10 mg/L. All of the concentrations are above the ESL, and two of the six concentrations are above the MCL.
- Silver was detected in five of the six samples analyzed, at concentrations ranging from 0.021 to 0.054 mg/L. The concentrations are below the ESL.
- Molybdenum and zinc were detected in the six samples analyzed at concentrations below the ESLs.

***3700 Enterprise Avenue: “The City Property”***

Metals detected in groundwater samples include arsenic, barium, cadmium, cobalt, mercury, molybdenum, nickel, selenium, silver, vanadium, and zinc. The analytical results indicate the following:

- Arsenic was detected in samples B-1 and B-2 at concentrations of 0.0054 and 0.0086 mg/L, respectively. The concentrations are below the ESL.
- Barium was detected in the five samples at concentrations ranging from 0.087 to 0.53 mg/L. The concentrations detected are below the ESL.
- Cobalt was detected in four of the samples at concentrations ranging from 0.0075 to 0.012 mg/L. The concentrations detected are above the ESL but below the MCL.
- Mercury was detected in three of the samples at concentrations ranging from 0.00070 to 0.00080 mg/L. All of the concentrations are above the ESL but below the MCL.
- Molybdenum was detected in four of the samples at concentrations ranging from 0.015 to 0.045 mg/L. The concentration in B-2 is above the ESL.
- Nickel was detected in three of the samples at concentrations ranging from 0.01 to 0.04 mg/L. The three detections are above the ESL.
- Selenium was detected in the five samples at concentrations ranging from 0.16 to 0.52 mg/L. All of the concentrations are above the ESL, and one of the five is above the MCL.
- Silver was detected in three of the samples at concentrations ranging from 0.0054 to 0.012 mg/L. All of the detections are above the ESL but below the MCL.
- Cadmium and vanadium were detected in the sample collected from B-2 at concentrations below the ESLs.

***3862 and 3878 Depot Road: “The Eash Property”***

Metals detected in sample SB-17 from the Eash property include arsenic, barium, copper, molybdenum, selenium, and vanadium. The results indicate the following:

- Copper was detected at a concentration of 0.0096 mg/L, which is above the ESL but below the MCL.
- Molybdenum was detected at a concentration of 0.061 mg/L, which is above the ESL but below the MCL.
- Selenium was detected at a concentration of 0.029 mg/L, which is above the applicable ESL but below the MCL.
- Arsenic, barium, and vanadium were detected at concentrations below the ESLs.

### *Site-wide Selenium*

Dissolved selenium concentrations measured in 12 groundwater samples collected from the Site range from 0.016 to 0.100 mg/L. Selenium is the only metal at the Site that was detected above both the ESL and MCL. The industrial ESL for selenium is 0.005 mg/L, the MCL is 0.05 mg/L, and the NAWQC is 71  $\mu\text{g/L}$ . The NAWQC is commonly used as a screening criterion for non-drinking water that may enter a wetland or near-shore habitat. The mean and median concentrations are 38  $\mu\text{g/L}$  and 29  $\mu\text{g/L}$ , respectively. The standard deviation of the arithmetic mean is 28.9  $\mu\text{g/L}$ . Although the mean and median concentrations exceed the MCL and the ESL, which are both 5  $\mu\text{g/L}$ , they are below the NAWQC for selenium of 71  $\mu\text{g/L}$ .

The groundwater selenium concentrations at the Site are elevated relative to selenium concentrations observed in the water in San Francisco Bay, in groundwater in Alameda and Santa Clara Counties, creeks, and discharges from wastewater treatment plants, all of which are generally below 10  $\mu\text{g/L}$  (LFR 2003). However, certain geologic formations, such as shales and mudstones, especially those that are highly organic, may contain elevated selenium concentrations. Therefore, selenium concentrations could be naturally elevated if the Site is underlain by sediments derived from such geologic formations.

#### **4.2.4 Nitrates**

Nitrates (as  $\text{NO}_3$ ) were detected in sample SB-17 at a concentration of 19 mg/L, which is above the drinking water MCL of 10 mg/L (for nitrates as  $\text{NO}_3$ ; Appendix E).

## **5.0 CONCLUSIONS**

The former presence of a UST at the Eash property was determined to be more likely by the presence of a dispenser, located inside the barn, and by the presence of piping that terminates at the presumed former UST location. The geophysical investigation indicated that the UST has been removed from its presumed location. Soil and groundwater samples collected at the presumed former UST location did not contain hydrocarbons or VOCs above laboratory reporting limits. The extent of the tank pit could not be determined, likely because the tank pit was backfilled using native materials.

TPHg, VOCs, SVOCs, and chlorinated herbicides were not detected in soil samples above their respective ESLs. Soil analytical results indicate that shallow soils are affected with residual chemicals at concentrations above ESLs/PRGs at the Site, as follows:

- The Eash property (auto wrecking yard, location SB-1): TPHd, TPHmo, and metals were detected in shallow soil above the ESLs. TPHd, TPHmo, and metals (except

cobalt detected only slightly above the ESL) were not detected above the ESL in the deeper (3 feet bgs) sample collected at location SB-1 during the 2004 investigation, and TPHd and metals were detected sporadically in step-out samples SB-1a through SB-1d. TPHmo was detected in the four step-out samples at concentrations ranging from 141 to 4,450 mg/Kg. The concentration of TPHmo in two of the samples is above the ESLs. However, the lateral extent of affected soil was defined by step-out sample locations SB-1b and SB-1d, but remains somewhat undefined in the direction of locations SB-1a and SB-1c. Arsenic, cadmium, chromium, and zinc were each detected above the ESL in one of the four step-out samples collected near SB-1.

- The Eash property (area immediately south of barn, location SB-9): PCBs (Aroclor-1254 and Aroclor-1260) and OCP constituent dieldrin were detected in shallow soil slightly above the ESLs. Total PCBs and OCP constituent dieldrin were also detected in step-out samples SB-9a through SB-9d. These samples were collected in a topographically depressed area of dimensions of approximately 50 by 20 feet, and concentrations in excess of the ESLs are likely confined to this topographically depressed area. PCBs and pesticides are relatively immobile in the environment and are likely confined to the near surface (1 foot bgs and shallower). The likely sources of these constituents are the historical application of pesticides in the vegetated area behind the barn and PCB releases from electrical equipment located immediately south of the barn.
- The City property (biosolids drying area, locations B-4 and B-8): Metals (cadmium, chromium, copper, silver, and zinc) were detected in shallow soil samples at concentrations above the ESLs. Based on the results for sample B-4(1), which had exceedances of the ESLs for the metals cadmium, chromium, copper, silver, and zinc, sample B-4(3) was analyzed. No exceedances of the ESLs were detected in the deeper sample at location B-4. Location B-8 had ESL exceedances for chromium and zinc. Metals exceedances are likely the result of the historical use as a biosolids drying area.
- Site-wide TPH in soil: TPHmo was detected ubiquitously in surface soils at the Site. TPHmo was detected at relatively low concentrations and at concentrations slightly above the ESL in samples SB-1 and SB-2. TPHmo was detected above the ESL in the samples collected from SB-1a and SB-1c during the current investigation. TPHd was detected sporadically across the Site at relatively low levels. TPHd was detected at concentrations slightly above the ESL at Eash property locations SB-1, SB-2, SB-11, and SB-16, sampled during the 2004 investigation. TPHd was not detected above the ESL during the current investigation.
- Site-wide arsenic and cobalt in soil: Arsenic and cobalt were detected at concentrations above the ESL in over half of the 40 samples analyzed for metals. However, arsenic and cobalt concentrations were within generally acceptable background concentrations for Bay Area soils. For example, the highest arsenic and cobalt detections at the Site were 12 mg/Kg and the upper estimate of background arsenic concentration at LBNL soils is 24 mg/Kg and 25 mg/Kg, respectively.

Therefore, the arsenic and cobalt in soil is likely from naturally occurring materials.

- Site-wide metals in groundwater: Cobalt, copper, mercury, molybdenum, selenium, and silver detected at concentrations above the ESLs in groundwater samples. Only selenium was detected above both the ESL and MCL. The selenium concentrations at the Site are elevated relative to concentrations observed in the water in San Francisco Bay, groundwater in Alameda and Santa Clara Counties, creeks, and discharges from wastewater treatment plants, all of which are generally below 10  $\mu\text{g/L}$  (LFR 2003). However, certain geologic formations, such as shales and mudstones, especially those that are highly organic, may contain elevated selenium concentrations. Therefore, the selenium in groundwater may be from naturally occurring conditions. Other potential selenium sources include historical use as a biosolids drying area, nearby salt ponds, or nearby off-site industrial sources.
- Site-wide VOCs in groundwater: VOCs, including MTBE, benzene, xylenes, 1,1-DCA, 1,1-DCE, and methylene chloride, were detected sporadically above the ESLs in the grab groundwater samples at the Site. The reported concentrations of VOCs are relatively low (i.e., above ESLs but not considered indicative of nearby persistent sources).

The aforementioned soil exceedances are generally confined to the surface soils (approximately 1 foot bgs and shallower), indicating that the likely source of the contamination is from localized surface releases. Overall, residual contaminants in shallow soils were detected sporadically and at relatively low levels. The aforementioned groundwater exceedances are either widespread (e.g., selenium) and relatively low, or are sporadic (e.g., VOCs) and only slightly above industrial ESLs.

## 6.0 LIMITATIONS STATEMENT

The information presented in this report is based upon the scope of services, information obtained through performance of the services, and the schedule as agreed upon by LFR and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigation or testing and any findings presented in this report apply solely to conditions existing at the time when LFR's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

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**Table 1**  
**Summary of Soil Analytical Results, TPH**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte:	Diesel	Gasoline	Motor Oil	
				Method: Lab ID	C10-C24 EPA 8015B mg/Kg	C7-C12 EPA 8015B mg/Kg	C24-C36 EPA 8015B mg/Kg	
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>								
BA-1 (1.0)	08/09/06	1.0	TORRENT	608063-001	<2.00J	<0.050	9.35	
BA-2 (1.0)	08/09/06	1.0	TORRENT	608063-004	<2.00J	<0.050	6.21	
BA-3 (1.0)	08/09/06	1.0	TORRENT	608063-007	<10.0J	<0.050	400	
BA-4 (1.0)	08/09/06	1.0	TORRENT	608063-010	<2.00J	<0.050	46.9	
BA-5 (1.0)	08/09/06	1.0	TORRENT	608063-013	<6.00J	<0.050	153	
BA-6 (1.0)	08/09/06	1.0	TORRENT	608063-016	<8.00J	<0.050	253	
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>								
B-1(1.0)	08/08/06	1.0	TORRENT	608049-001	<2.00J	<0.050	16.2	
B-2(1.0)	08/08/06	1.0	TORRENT	608049-004	<2.00J	<0.050	32.5	
B-3(1.0)	08/08/06	1.0	TORRENT	608049-007	<6.00J	9.90x	261	
B-4(1.0)	08/08/06	1.0	TORRENT	608049-010	23.1J	<0.050	818	
B-5(1.0)	08/08/06	1.0	TORRENT	608049-013	3.69J	<0.050	35.3	
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>								
SB-1-0.5'	12/21/04	0.5	CTBERK	176792-012	<b>2,200</b>	<1.0	<b>4,700</b>	
SB-1-3.0'	12/21/04	3.0	CTBERK	176931-001	<1.0	n.a.	15	
SB-2-0.5'	12/21/04	0.5	CTBERK	176792-009	<b>260</b>	<b>2.2</b>	<b>1,400</b>	
SB-2-3.0'	12/21/04	3.0	CTBERK	176931-002	7.8	n.a.	38	
SB-3-0.5'	12/21/04	0.5	CTBERK	176792-007	<40	<1.1	470	
SB-4-0.5'	12/20/04	0.5	CTBERK	176758-016	78	<1.1	220	
SB-5-0.5'	12/20/04	0.5	CTBERK	176758-008	26	<1.1	150	
SB-6-0.5'	12/20/04	0.5	CTBERK	176758-005	92	<1.1	700	
SB-7-0.5'	12/20/04	0.5	CTBERK	176758-001	6.8	<1.1	110	
SB-8-0.5'	12/20/04	0.5	CTBERK	176758-003	17	<1.1	9.1	
SB-9-0.5'	12/20/04	0.5	CTBERK	176758-024	4.0	<1.1	33	
SB-10-0.5'	12/21/04	0.5	CTBERK	176792-005	16	<0.95	140	
SB-11-0.5'	12/20/04	0.5	CTBERK	176758-020	<b>180</b>	<1.1	850	
SB-11-3.0'	12/20/04	3.0	CTBERK	176931-004	4.4	n.a.	34	
SB-12-0.5'	12/21/04	0.5	CTBERK	176792-002	32	<1.0	170	
SB-13-0.5'	12/20/04	0.5	CTBERK	176758-022	74	<1.0	390	
SB-14-0.5'	12/20/04	0.5	CTBERK	176758-010	4.0	<1.0	33	
SB-15-0.5'	12/20/04	0.5	CTBERK	176758-014	19	<1.0	240	
SB-16-0.5'	12/20/04	0.5	CTBERK	176758-012	<b>230</b>	<1.0	820	
SB-16-3.0'	12/20/04	3.0	CTBERK	176931-003	20	n.a.	420	
SB-17(1.0)	08/08/06	1.0	TORRENT	608049-034	<2.00J	<0.050	52.2	
UST-1(8.0)	08/07/06	8.0	TORRENT	608049-020	<2.00J	<0.050	4.30	
UST-2(9.0)	08/07/06	9.0	TORRENT	608049-023	<2.00J	<0.050	23.2	
SB-1a	8/7/2006	1	TORRENT	0608183-001	<100J	n.a.	<b>4,450</b>	
SB-1b	8/7/2006	1	TORRENT	0608183-002	<4.0J	n.a.	141	
SB-1c	8/7/2006	1	TORRENT	0608183-003	57J	n.a.	<b>1,740</b>	
SB-1d	8/7/2006	1	TORRENT	0608183-004	36yJ	n.a.	583	
Commercial/Industrial ESLs					<i>mg/Kg</i>	100	100	1,000

**Table 1**  
**Summary of Soil Analytical Results, TPH**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

**Notes:**

x= Does not match the typical gasoline result due to the overlap of heavy hydrocarbons into TPH as gasoline quantitation range.

y= Sample chromatogram does not resemble typical diesel or oil pattern; possibly waste oil.

Hydrocarbons within the diesel range quantitated as diesel; hydrocarbons within the motor oil range quantitated as oil.

J= Sample chromatogram does not resemble typical diesel pattern. Diesel result is carry over from TPH as motor oil quantitation range.

< = Not detected above laboratory reporting limit indicated.

Bold denotes results greater than commercial/industrial ESLs.

mg/Kg = milligrams per kilogram

CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California

TORRENT = Torrent Laboratories Inc. of Milpitas, California

ESLs = Environmental Screening Levels

ft bgs = feet below ground surface

n.a. = not available/not analyzed

TPH = total petroleum hydrocarbons

**Table 1-a**  
**Summary of Groundwater Analytical Results, TPH**  
**3862 and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte:	Diesel C10-C24	Gasoline C7-C12	Motor Oil C24-C36
				Method: Lab ID	EPA 8015B mg/L	EPA 8015B mg/L	EPA 8015B mg/L
SB-17	08/08/06		TORRENT	608049-036	<0.175	<0.050	<0.350
UST-1	08/07/06		TORRENT	608049-022	<0.164	<0.050	<0.328
UST-2	08/07/06		TORRENT	608049-025	<0.169	<0.050	<0.338
Commercial/Industrial ESLs				mg/L	100	100	100

**Notes:**

< = Not detected above laboratory reporting limit indicated.  
 Bold denotes results greater than commercial/industrial ESLs.  
 TORRENT = Torrent Laboratories Inc. of Milpitas, California  
 ESLs = Environmental Screening Levels  
 ft bgs = feet below ground surface  
 mg/L = milligrams per liter  
 TPH = total petroleum hydrocarbons

**Table 2**  
**Summary of Soil Analytical Results, VOCs and SVOCs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte: Method: Units: Lab ID	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	4-Methyl-2-Pentanone	Acetone	Ethylbenzene	m,p-Xylenes	Methylene Chloride	o-Xylene	Styrene	Toluene	bis (2-ethylhexyl) phthalate	
					EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg	EPA 8260B µg/Kg
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>																	
BA-1 (1.0)	08/09/06	1.0	TORRENT	608063-001	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
BA-2 (1.0)	08/09/06	1.0	TORRENT	608063-004	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
BA-3 (1.0)	08/09/06	1.0	TORRENT	608063-007	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
BA-4 (1.0)	08/09/06	1.0	TORRENT	608063-010	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
BA-5 (1.0)	08/09/06	1.0	TORRENT	608063-013	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
BA-6 (1.0)	08/09/06	1.0	TORRENT	608063-016	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>																	
B-1(1.0)	08/08/06	1.0	TORRENT	608049-001	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	<330	
B-2(1.0)	08/08/06	1.0	TORRENT	608049-004	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	<1,680	
B-3(1.0)	08/08/06	1.0	TORRENT	608049-007	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	<1,680	
B-4(1.0)	08/08/06	1.0	TORRENT	608049-010	<10	<10	12.28	<10	<100	<10	<20*	<50	<20*	<10	<10	440	
B-5(1.0)	08/08/06	1.0	TORRENT	608049-013	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	<330	
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>																	
SB-1-0.5'	12/21/04	0.5	CTBERK	176792-012	<4.9	<4.9	17	24	190	7.8	23	78x	8.9	23	7.2	n.a.	
SB-2-0.5'	12/21/04	0.5	CTBERK	176792-009	22	9.4	<10	<10	59	9.9	50	200x	23	<5	<5	n.a.	
SB-3-0.5'	12/21/04	0.5	CTBERK	176792-007	<4.7	<4.7	11	<9.4	210	<4.7	<4.7	57x	<4.7	<4.7	<4.7	n.a.	
SB-4-0.5'	12/20/04	0.5	CTBERK	176758-016	<4.9	<4.9	<9.8	<9.8	<20	<4.9	<4.9	43x	<4.9	<4.9	<4.9	n.a.	
SB-5-0.5'	12/20/04	0.5	CTBERK	176758-008	<4.8	<4.8	<9.6	<9.6	<19	<4.8	<4.8	<19	<4.8	<4.8	<4.8	n.a.	
SB-6-0.5'	12/20/04	0.5	CTBERK	176758-005	<4.4	<4.4	<8.8	<8.8	<18	<4.4	<4.4	<18	<4.4	<4.4	<4.4	n.a.	
SB-7-0.5'	12/20/04	0.5	CTBERK	176758-001	<4.9	<4.9	<9.8	<9.8	<20	<4.9	<4.9	<20	<4.9	<4.9	<4.9	n.a.	
SB-8-0.5'	12/20/04	0.5	CTBERK	176758-003	<4.7	<4.7	<9.4	<9.4	<19	<4.7	<4.7	<19	<4.7	<4.7	<4.7	n.a.	
SB-9-0.5'	12/20/04	0.5	CTBERK	176758-024	<4.5	<4.5	<8.9	<8.9	<18	<4.5	<4.5	<18	<4.5	<4.5	<4.5	n.a.	
SB-10-0.5'	12/21/04	0.5	CTBERK	176792-005	<4.7	<4.7	<9.4	<9.4	<19	<4.7	<4.7	230x	<4.7	<4.7	<4.7	n.a.	
SB-11-0.5'	12/20/04	0.5	CTBERK	176758-020	<13	<13	<25	<25	<50	<13	<13	150x	<13	<13	<13	n.a.	
SB-12-0.5'	12/21/04	0.5	CTBERK	176792-002	<4.6	<4.6	<9.3	<9.3	<19	<4.6	8.1	140x	<4.6	<4.6	<4.6	n.a.	
SB-13-0.5'	12/20/04	0.5	CTBERK	176758-022	<4.6	<4.6	<9.3	<9.3	<19	<4.6	<4.6	<19	<4.6	<4.6	<4.6	n.a.	
SB-14-0.5'	12/20/04	0.5	CTBERK	176758-010	<4.8	<4.8	<9.6	<9.6	<19	<4.8	<4.8	19x	<4.8	<4.8	<4.8	n.a.	
SB-15-0.5'	12/20/04	0.5	CTBERK	176758-014	<4.5	<4.5	<9.1	<9.1	<18	<4.5	<4.5	<18	<4.5	<4.5	<4.5	n.a.	
SB-16-0.5'	12/20/04	0.5	CTBERK	176758-012	<4.6	<4.6	<9.3	<9.3	<19	<4.6	<4.6	<19	<4.6	<4.6	<4.6	n.a.	
SB-17(1.0)	08/08/06	1.0	TORRENT	608049-024	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
UST-1(8.0)	08/07/06	8.0	TORRENT	608049-020	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
UST-2(9.0)	08/07/06	9.0	TORRENT	608049-034	<10	<10	<10	<10	<100	<10	<20*	<50	<20*	<10	<10	n.a.	
Commercial/Industrial ESLs					µg/Kg	n.a.	n.a.	3,900	n.a.	500	3,300	2,300*	77	2300*	1,500	2,900	66,000
Industrial PRGs					µg/Kg	170,000	70,000	110,000,000	n.a.	54,000,000	400,000	420,000	21,000	420,000	1,700,000	520,000	120,000

**Table 2**  
**Summary of Soil Analytical Results, VOCs and SVOCs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

**Notes:**

< = Not detected above laboratory reporting limit indicated.

Bold denotes results greater than commercial/industrial ESLs.

VOCs are shown for detected compounds only. See laboratory reports for a complete list of compounds analyzed.

$\mu\text{g}/\text{Kg}$  = micrograms per kilogram

\* = concentration expressed as total xylenes

CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California

TORRENT = Torrent Laboratories Inc. of Milpitas, California

ESLs = Environmental Screening Levels

ft bgs = feet below ground surface

n.a. = not available/not analyzed

PRGs = Preliminary Remediation Goals

VOCs = volatile organic compounds

SVOCs = semivolatile organic compounds

x = Methylene chloride is used by the analytical laboratory for sample extraction.

Table 3  
Summary of Soil Analytical Results, Metals  
3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte: Method: Units: Lab ID	Antimony EPA 6010B mg/Kg	Arsenic EPA 6010B mg/Kg	Barium EPA 6010B mg/Kg	Beryllium EPA 6010B mg/Kg	Cadmium EPA 6010B mg/Kg	Chromium EPA 6010B mg/Kg	Cobalt EPA 6010B mg/Kg	Copper EPA 6010B mg/Kg	Lead EPA 6010B mg/Kg	Mercury EPA 7471A mg/Kg	Molybdenum EPA 6010B mg/Kg	Nickel EPA 6010B mg/Kg	Selenium EPA 6010B mg/Kg	Silver EPA 6010B mg/Kg	Thallium EPA 6010B mg/Kg	Vanadium EPA 6010B mg/Kg	Zinc EPA 6010B mg/Kg
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>																					
BA-1 (1.0)	08/09/06	1.0	TORRENT	608063-001	<5.0	<b>5.8</b>	150	<2.0	<1.0	40	9.8	39	13	<0.10	<5.0	43	<5.0	<1.0	<5.0	49	63
BA-2 (1.0)	08/09/06	1.0	TORRENT	608063-004	<5.0	<b>7.0</b>	140	<2.0	<1.0	24	<b>13</b>	42	11	0.57	<5.0	21	<5.0	<1.0	<5.0	75	59
BA-3 (1.0)	08/09/06	1.0	TORRENT	608063-007	<5.0	<b>7.0</b>	100	<2.0	1.3	22	<b>11</b>	54	130	0.39	<5.0	20	<5.0	<1.0	<5.0	78	110
B-A4 (1.0)	08/09/06	1.0	TORRENT	608063-010	<5.0	<b>7.9</b>	180	<2.0	<1.0	23	<b>12</b>	47	25	0.21	<5.0	24	<5.0	<1.0	<5.0	71	61
BA-5 (1.0)	08/09/06	1.0	TORRENT	608063-013	<5.0	4.0	78	<2.0	<1.0	17	<b>14</b>	83	7.4	1.4	<5.0	16	<5.0	<1.0	<5.0	75	110
BA-6 (1.0)	08/09/06	2.0	TORRENT	608063-016	<5.0	4.6	36	<2.0	<1.0	7.9	<b>20</b>	48	3.0	0.34	<5.0	7.4	<5.0	<1.0	<5.0	120	62
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>																					
B-1(1.0)	08/08/06	1.0	TORRENT	608049-001	<5.0	4.8	110	<2.0	<1.0	29	8.8	35	7.2	<0.1	<5.0	37	<5.0	<1.0	<5.0	29	41
B-2(1.0)	08/08/06	1.0	TORRENT	608049-004	<5.0	4.7	180	<2.0	<1.0	46	<b>11</b>	41	20	0.14	<5.0	54	<5.0	<1.0	<5.0	43	80
B-3(1.0)	08/08/06	1.0	TORRENT	608049-007	<5.0	4.8	130	<2.0	1.2	35	9.5	39	13	0.17	<5.0	45	<5.0	<1.0	<5.0	34	91
B-4(1.0)	08/08/06	1.0	TORRENT	608049-010	27	5.0	470	<2.0	<b>9.6</b>	<b>110</b>	<5.0	<b>480</b>	160	3.2	14	63	<5.0	<b>70</b>	<5.0	15	<b>830</b>
B-4(3.0)	08/08/06	3.0	TORRENT	608153-001	<5.0	4.2	150	<2.0	<1.0	40	9.4	28	7.1	0.14	<5.0	48	<5.0	<1.0	<5.0	34	48
B-5(1.0)	08/08/06	1.0	TORRENT	608049-013	<5.0	<b>5.6</b>	190	<2.0	<1.0	33	8.0	25	6.8	<0.1	<5.0	40	<5.0	<1.0	<5.0	34	42
B-6 (1.0)	08/08/06	1.0	TORRENT	608049-016	<5.0	3.6	160	<2.0	1.2	43	8.0	75	46	0.6	<5.0	38	<5.0	2.2	<5.0	24	220
B-7(1.0)	08/08/06	1.0	TORRENT	608049-017	<5.0	3.8	110	<2.0	<1.0	30	7.4	23	6.8	<0.1	<5.0	33	<5.0	<1.0	<5.0	27	41
B-8(1.0)	08/08/06	1.0	TORRENT	608049-018	<5.0	2.6	350	5.2	3.2	<b>140</b>	7.2	190	160	1.1	<5.0	46	<5.0	26	<5.0	27	<b>820</b>
B-9(1.0)	08/08/06	1.0	TORRENT	608049-019	<5.0	<b>6.4</b>	84	<2.0	<1.0	23	8.2	33	20	0.10	<5.0	25	<5.0	<1.0	<5.0	29	55
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>																					
SB-1-0.5'	12/21/04	0.5	CTBERK	176792-012	7.8	<b>12</b>	510	0.35	5.3	<b>1,700</b>	6.6	190	300	0.31	15	47	1.4	<0.25	5.6	74	<b>2,800</b>
SB-1-3.0'	12/21/04	3.0	CTBERK	176931-001	<2.4	4.5	170	0.58	<0.2	38	<b>11</b>	21	7.3	0.021	<0.81	44	0.36	<0.2	<0.2	34	38
SB-2-0.5'	12/21/04	0.5	CTBERK	176792-009	<2.4	5	140	0.23	0.64	47	9.6	36	67	0.053	0.87	58	<0.2	<0.2	<0.2	44	84
SB-3-0.5'	12/21/04	0.5	CTBERK	176792-007	<2.4	5.1	130	0.41	<0.2	33	<b>11</b>	16	9.7	<0.019	<0.81	32	<0.2	<0.2	<0.2	27	40
SB-4-0.5'	12/20/04	0.5	CTBERK	176758-016	<2.7	4.9	86	0.23	<0.23	22	3.5	11	2.8	<0.02	1.2	22	<0.23	<0.23	<0.23	33	21
SB-5-0.5'	12/20/04	0.5	CTBERK	176758-008	<3	<b>10</b>	150	0.62	<0.25	37	8.8	22	6.1	0.39	<0.99	45	0.45	<0.25	<0.25	34	43
SB-6-0.5'	12/20/04	0.5	CTBERK	176758-005	<2.4	1.1	44	0.096	0.37	46	<b>16</b>	37	10	0.37	<0.81	37	<0.2	<0.2	<0.2	57	53
SB-7-0.5'	12/20/04	0.5	CTBERK	176758-001	<2.6	<b>14</b>	85	0.43	0.31	20	<b>12</b>	33	6.4	0.18	0.9	24	0.42	<0.22	<0.22	46	71
SB-8-0.5'	12/20/04	0.5	CTBERK	176758-003	<2.8	<b>6.1</b>	140	0.34	1.2	43	<b>17</b>	120	32	0.24	3.2	34	0.36	<0.23	<0.23	67	210
SB-9-0.5'	12/20/04	0.5	CTBERK	176758-024	<2.8	<b>6.5</b>	120	0.47	0.32	37	9.2	20	7.9	0.023	<0.93	44	<0.23	<0.23	<0.23	33	45
SB-10-0.5'	12/21/04	0.5	CTBERK	176792-005	<2.6	<b>9.6</b>	160	0.39	0.43	36	<b>16</b>	51	23	0.24	<0.87	38	<0.22	<0.22	<0.22	67	77
SB-11-0.5'	12/20/04	0.5	CTBERK	176758-020	<2.4	4.2	130	0.24	0.29	35	<b>12</b>	51	5.4	0.038	<0.79	37	0.32	<0.2	<0.2	43	49
SB-12-0.5'	12/21/04	0.5	CTBERK	176792-002	<2.4	5	110	0.38	0.39	38	8.3	22	15	0.15	<0.81	37	0.38	<0.2	<0.2	36	59
SB-13-0.5'	12/20/04	0.5	CTBERK	176758-022	<2.7	3.9	310	0.25	0.25	34	<b>13</b>	78	4.9	0.14	<0.89	35	<0.22	<0.22	<0.22	33	47
SB-14-0.5'	12/20/04	0.5	CTBERK	176758-010	<2.5	<b>6</b>	200	0.34	0.28	39	<b>13</b>	52	9.4	0.03	<0.85	39	0.38	<0.21	<0.21	43	58
SB-15-0.5'	12/20/04	0.5	CTBERK	176758-014	<2.6	4.1	130	0.25	0.45	51	<b>18</b>	42	12	0.15	<0.87	46	<0.22	<0.22	<0.22	53	66
SB-16-0.5'	12/20/04	0.5	CTBERK	176758-012	<2.9	2.8	44	0.098	0.29	44	<b>18</b>	74	6.2	0.1	<0.95	36	<0.24	<0.24	<0.24	64	31
SB-17(1.0)	08/08/06	1.0	TORRENT	608049-034	<5.0	1.8	32	<2.0	<1.0	45	<b>18</b>	76	2.8	0.18	<5.0	46	<5.0	<1.0	<5.0	22	22
UST-1 (8.0)	08/07/06	8.0	TORRENT	608049-020	<5.0	5.0	110	<2.0	<1.0	40	8.0	28	9.4	<0.1	<5.0	51	<5.0	<1.0	<5.0	33	54
UST-2 (9.0)	08/07/06	9.0	TORRENT	608049-023	<5.0	5.4	150	<2.0	<1.0	44	9.7	33	12	<0.1	<5.0	53	<5.0	<1.0	<5.0	38	69
SB-1a (1.0)	08/09/06	1.0	TORRENT	608153-002	<5.0	<b>7.4</b>	240	<2.0	5.0	<b>92</b>	8.0	180	680	0.28	<5.0	38	<5.0	<1.0	<5.0	36	550
SB-1b(1.0)	08/09/06	1.0	TORRENT	608153-003	<5.0	4.2	120	<2.0	<1.0	41	6.2	47	37	0.34	<5.0	34	<5.0	<1.0	<5.0	26	170
SB-1c(1.0)	08/09/06	1.0	TORRENT	608153-004	<5.0	5.5	670	<2.0	5.6	<b>77</b>	8.5	130	500	0.22	<5.0	36	<5.0	<1.0	<5.0	46	420
SB-1d(1.0)	08/09/06	1.0	TORRENT	608153-005	7.3	2.1	210	<2.0	<b>8.6</b>	<b>260</b>	6.4	170	740	0.69	<5.0	49	<5.0	2.8	<5.0	34	<b>2,400</b>
Commercial/Industrial ESLs				mg/Kg	40	5.5	1,500	8.0	7.4	58	10	230	750	10	40	150	10	40	13	200	600
LBNL Background Metals				mg/Kg	<10	24	410	1.1	5.6	120	25	63	57	0.5	<5	270	5.1	3	10	90	140

**Notes:**

< = Not detected above laboratory reporting limit indicated.  
 Bold denotes results greater than commercial/industrial ESLs.  
 CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California  
 TORRENT = Torrent Laboratories Inc. of Milpitas, California

EPA = U.S. Environmental Protection Agency  
 ESLs = Environmental Screening Levels  
 ft bgs = feet below ground surface  
 mg/Kg = milligrams per kilogram

LBNL = Lawrence Berkeley National Laboratory Background Metal Concentrations.

Table 3-a  
 Summary of Groundwater Analytical Results, Metals  
 3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California

Sample ID	Date Sampled	Lab	Analyte: Method: Units: Lab ID	Antimony EPA 6010B mg/L	Arsenic EPA 6010B mg/L	Barium EPA 6010B mg/L	Beryllium EPA 6010B mg/L	Cadmium EPA 6010B mg/L	Chromium EPA 6010B mg/L	Cobalt EPA 6010B mg/L	Copper EPA 6010B mg/L	Lead EPA 6010B mg/L	Mercury EPA 7471A mg/L	Molybdenum EPA 6010B mg/L	Nickel EPA 6010B mg/L	Selenium EPA 6010B mg/L	Silver EPA 6010B mg/L	Thallium EPA 6010B mg/L	Vanadium EPA 6010B mg/L	Zinc EPA 6010B mg/L
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>																				
BA-1	08/09/06	TORRENT	608063-003	<0.006	0.013	0.094	<0.004	<0.005	<0.005	<b>0.0054</b>	<0.005	<0.015	<b>0.00070</b>	0.027	<0.01	<b>0.093</b>	<b>0.0043</b>	<0.01	<0.005	0.0075
BA-2	08/09/06	TORRENT	608063-006	<0.006	0.0075	0.14	<0.004	<0.005	<0.005	<0.005	<0.005	<0.015	<b>0.00080</b>	0.033	<0.01	<b>0.020</b>	<0.002	<0.01	<0.005	0.0075
BA-3	08/09/06	TORRENT	608063-009	<0.006	0.0086	0.14	<0.004	<0.005	<0.005	<0.005	<0.005	<0.015	<b>0.00070</b>	0.021	<0.01	<b>0.10</b>	<b>0.0054</b>	<0.01	<0.005	0.0075
BA-4	08/09/06	TORRENT	608063-012	<0.006	0.011	0.17	<0.004	<0.005	<0.005	<0.005	<0.005	<0.015	<b>0.00070</b>	0.018	<0.01	<b>0.034</b>	<b>0.0032</b>	<0.01	<0.005	0.0075
BA-5	08/09/06	TORRENT	608063-015	<0.006	0.0075	0.16	<0.004	<0.005	<0.005	<0.005	<b>0.0064</b>	<0.015	<b>0.00070</b>	0.015	<0.01	<b>0.019</b>	<b>0.0021</b>	<0.01	<0.005	0.0096
BA-6	08/09/06	TORRENT	608063-018	<0.006	0.0086	0.063	<0.004	<0.005	<0.005	<0.005	<0.005	<0.015	<b>0.00070</b>	0.025	<0.01	<b>0.021</b>	<b>0.0021</b>	<0.01	<0.005	0.011
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>																				
B-1	08/08/06	TORRENT	608049-003	<0.01	0.0054	0.53	<0.005	<0.005	<0.005	<b>0.019</b>	<0.005	<0.015	<b>0.00080</b>	<0.01	<b>0.04</b>	<b>0.029</b>	<b>0.012</b>	<0.01	<0.005	<0.005
B-2	08/08/06	TORRENT	608049-006	<0.01	0.0086	0.16	<0.005	0.029	<0.005	<b>0.012</b>	<0.005	<0.015	<0.0007	<b>0.045</b>	<b>0.029</b>	<b>0.031</b>	<0.005	<0.01	0.0086	<0.005
B-3	08/08/06	TORRENT	608049-009	<0.01	<0.005	0.093	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015	<0.0007	0.015	<b>0.01</b>	<b>0.017</b>	<b>0.0054</b>	<0.01	<0.005	<0.005
B-4	08/08/06	TORRENT	608049-012	<0.01	<0.005	0.087	<0.005	<0.005	<0.005	<b>0.0075</b>	<0.005	<0.005	<b>0.0007</b>	0.022	<0.01	<b>0.016</b>	<b>0.0054</b>	<0.01	<0.005	<0.005
B-5	08/08/06	TORRENT	608049-015	<0.01	<0.005	0.13	<0.005	<0.005	<0.005	<b>0.0096</b>	<0.005	<0.015	<b>0.0007</b>	0.02	<0.01	<b>0.052</b>	<0.005	<0.01	<0.005	<0.005
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>																				
SB-17	08/08/06	TORRENT	608049-036	<0.01	0.0075	0.051	<0.005	<0.005	<0.005	<0.005	<b>0.0096</b>	<0.015	<0.0007	<b>0.061</b>	<0.01	<b>0.029</b>	<0.005	<0.01	0.0054	<0.005
Commercial/Industrial ESLs			mg/L	0.006	0.036	1.0	0.0027	0.0011	0.050	0.003	0.0031	0.0025	0.000012	0.035	0.0082	0.0050	0.00019	0.002	0.015	0.081
MCL			mg/L	0.006	0.010	2.0	0.004	0.005	0.1	n.a.	1.0	0.015	0.002	n.a.	n.a.	0.05	0.1	0.002	n.a.	5.0
NAWQC			mg/L	n.a.	0.036	n.a.	n.a.	0.0093	n.a.	n.a.	0.0031	0.0081	n.a.	n.a.	n.a.	0.071	n.a.	n.a.	n.a.	0.081

**Notes:**  
 < = Not detected above laboratory reporting limit indicated.  
 Bold denotes results greater than commercial/industrial ESLs.  
 CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California  
 TORRENT = Torrent Laboratories Inc. of Milpitas, California  
 EPA = U.S. Environmental Protection Agency  
 ESLs = Environmental Screening Levels  
 ft bgs = feet below ground surface  
 mg/L = milligrams per liter  
 MCL = Maximum Contaminant Levels  
 NAWQC = National Ambient Water Quality Criteria  
 n.a. = not available/not analyzed

**Table 4**  
**Summary of Soil Analytical Results, OCPs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte: Method: Units: Lab ID	4,4'-DDD	4,4'-DDE	4,4'-DDT	alpha-Chlordane	delta-BHC	Dieldrin	Endrin aldehyde	gamma-Chlordane	Heptachlor epoxide	
					EPA 8081A µg/Kg									
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>														
BA-1 (1.0)	08/09/06	1.0	TORRENT	608063-001	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	
BA-2 (1.0)	08/09/06	1.0	TORRENT	608063-004	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
BA-3(1.0)	08/09/06	1.0	TORRENT	608063-007	<23.5	<23.8	<40.4	<17.9	<24.5	<21.4	<51.4	<21.0	<15.8	
BA-4 (1.0)	08/09/06	1.0	TORRENT	608063-010	<20	<20	<20	<20	<20	<20	<20	<20	<20	
BA-5(1.0)	08/09/06	1.0	TORRENT	608063-013	<9.40	<9.52	<16.2	<7.16	<9.80	<8.54	<20.6	<8.40	<6.32	
BA-6(1.0)	08/09/06	1.0	TORRENT	608063-016	<20	<20	<20	<20	<20	<20	<20	<20	<20	
<b>3700 DEPOT ROAD, THE CITY PROPERTY</b>														
B-1(1.0)	08/09/06	1.0	TORRENT	608049-001	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	
B-2(1.0)	08/09/06	1.0	TORRENT	608049-004	<23.5	<23.8	<40.4	<17.9	<24.5	<21.4	<51.4	<21.0	<15.8	
B-3(1.0)	08/09/06	1.0	TORRENT	608049-007	<40	<40	<40	<40	<40	<40	<40	<40	<40	
B-4(1.0)	08/09/06	1.0	TORRENT	608049-010	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	
B-5(1.0)	08/09/06	1.0	TORRENT	608049-013	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
B-5(3.0)	08/08/06	3.0	TORRENT	608154-001	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>														
SB-1-0.5'	12/21/04	0.5	CTBERK	176792-012	<82	<82	82	<42	<42	<82	<82	<42	<42	
SB-2-0.5'	12/21/04	0.5	CTBERK	176792-009	<160	<160	160	<85	<85	<160	<160	<85	<85	
SB-3-0.5'	12/21/04	0.5	CTBERK	176792-007	<330	<330	330	<170	<170	<330	<330	<170	<170	
SB-4-0.5'	12/20/04	0.5	CTBERK	176758-016	<3.3	<3.3	<3.3	<1.7	<1.7	<3.3	<3.3	<1.7	<1.7	
SB-5-0.5'	12/20/04	0.5	CTBERK	176758-008	<6.6	<6.6	<6.6	<3.4	<3.4	<6.6	<6.6	<3.4	<3.4	
SB-6-0.5'	12/20/04	0.5	CTBERK	176758-005	<33	<33	<33	<17	<17	<b>46</b>	<33	<17	<17	
SB-7-0.5'	12/20/04	0.5	CTBERK	176758-001	<17	<17	<17	<8.6	<8.6	<17	<17	<8.6	<8.6	
SB-8-0.5'	12/20/04	0.5	CTBERK	176758-003	<3.3	<3.3	<3.3	<1.7	<1.7	<3.3	<3.3	<1.7	<1.7	
SB-9-0.5'	12/20/04	0.5	CTBERK	176758-024	<33	84	<33	<17	<17	<b>130</b>	<33	<17	<b>67</b>	
SB-9-3.0'	12/20/04	3.0	CTBERK	176931-005	<16	<16	16	<8.4	8.4	<16	<b>16</b>	<8.4	<8.4	
SB-10-0.5'	12/21/04	0.5	CTBERK	176792-005	<82	<82	82	<42	<42	<82	<82	<42	<42	
SB-11-0.5'	12/20/04	0.5	CTBERK	176758-020	<33	<33	<33	<17	<17	<33	<33	<17	<17	
SB-12-0.5'	12/21/04	0.5	CTBERK	176792-002	<82	<82	82	<42	<42	<82	<82	<42	<42	
SB-13-0.5'	12/20/04	0.5	CTBERK	176758-022	<33	<33	<33	<17	<17	<33	<33	<17	<17	
SB-14-0.5'	12/20/04	0.5	CTBERK	176758-010	<3.3	<3.3	<3.3	<1.7	<1.7	<3.3	<3.3	<1.7	<1.7	
SB-15-0.5'	12/20/04	0.5	CTBERK	176758-014	<33	<33	<33	<17	<17	<33	<33	<17	<17	
SB-16-0.5'	12/20/04	0.5	CTBERK	176758-012	<33	<33	<33	<17	<17	<33	<33	<17	<17	
SB-17(1.0)	08/08/06	1.0	TORRENT	608049-034	<20	<20	<20	<20	<20	<20	<20	<20	<20	
SB-1a(1.0)	08/09/06	1.0	TORRENT	608063-019	<0.47	<0.476	<0.809	<0.358	<0.49	<0.427	<1.028	<0.42	<0.316	
SB-1b(1.0)	08/09/06	1.0	TORRENT	608063-020	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
SB-1c(1.0)	08/09/06	1.0	TORRENT	608063-021	<0.47	<0.476	<0.809	57.2	<0.49	<0.427	<1.028	67.1	<0.316	
SB-1d(1.0)	08/09/06	1.0	TORRENT	608063-022	<2.0	<2.0	<2.0	22.4	<2.0	<2.0	<2.0	23.2	<2.0	
SB-6a	08/07/06	1.0	TORRENT	608049-026	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
SB-6b	08/07/06	1.0	TORRENT	608049-027	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	
SB-6c	08/07/06	1.0	TORRENT	608049-028	<8.0	33.1	<8.0	<8.0	<8.0	<b>12.7</b>	<8.0	<8.0	<8.0	
SB-6d	08/07/06	1.0	TORRENT	608049-029	<2.0	22.3	36.2	<2.0	<2.0	<b>2.82</b>	<2.0	<2.0	<2.0	
SB-9a	08/07/06	1.0	TORRENT	608049-030	<8.0	48.6	<8.0	<8.0	<8.0	<b>37.6</b>	<8.0	<8.0	<8.0	
SB-9b	08/07/06	1.0	TORRENT	608049-031	<20	29.9	34.6	<20	<20	<20	<20	<20	<20	
SB-9c	08/07/06	1.0	TORRENT	608049-032	<20	<20	<20	<20	<20	<20	<20	<20	<20	
SB-9d	08/07/06	1.0	TORRENT	608049-033	<8.0	70.8	58.6	<8.0	<8.0	<b>71.0</b>	<8.0	<8.0	<8.0	
Commercial/Industrial ESLs					µg/Kg	9,000	4,000	4,000	1,700	49	2.3	0.65	1,700	15

**Table 4**  
**Summary of Soil Analytical Results, OCPs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

**Notes:**

< = Not detected above laboratory reporting limit indicated.

**Bold** denotes results greater than commercial/industrial ESLs.

OCPs are shown for detected compounds only. See laboratory reports for a complete list of compounds analyzed.

$\mu\text{g/Kg}$  = micrograms per kilogram

4,4'-DDD = 4,4'-dichlorodiphenyldichloroethane

4,4'-DDE = 4,4'-dichlorodiphenyltrichloroethylene

4,4'-DDT = 4,4'-dichlorodiphenyltrichloroethane

CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California

TORRENT = Torrent Laboratories Inc. of Milpitas, California

EPA = U.S. Environmental Protection Agency

ESLs = Environmental Screening Levels

ft bgs = feet below ground surface

OCPs = organochlorine pesticides

**Table 5**  
**Summary of Soil Analytical Results, PCBs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte: Method: Units: Lab ID	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs µg/Kg
					EPA 8082 µg/Kg							
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>												
BA-1(1.0)	08/09/06	1.0	TORRENT	608063-001	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
BA-2(1.0)	08/09/06	1.0	TORRENT	608063-004	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
BA-3(1.0)	08/09/06	1.0	TORRENT	608063-007	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
BA-4(1.0)	08/09/06	1.0	TORRENT	608063-010	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
BA-5(1.0)	08/09/06	1.0	TORRENT	608063-013	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
BA-6(1.0)	08/09/06	1.0	TORRENT	608063-016	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>												
B-1(1.0)	08/08/06	1.0	TORRENT	608049-001	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
B-2(1.0)	08/08/06	1.0	TORRENT	608049-004	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
B-3(1.0)	08/08/06	1.0	TORRENT	608049-007	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
B-4(1.0)	08/08/06	1.0	TORRENT	608049-010	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
B-5(1.0)	08/08/06	1.0	TORRENT	608049-013	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
B-5(3.0)	08/08/06	3.0	TORRENT	608154-001	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>												
SB-1-0.5'	12/21/04	0.5	CTBERK	176923-006	< 9.5	< 19	< 9.5	160	< 9.5	<b>55</b>	44	259
SB-5-0.5'	12/20/04	0.5	CTBERK	176923-002	< 9.5	< 19	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	ND
SB-6-0.5'	12/20/04	0.5	CTBERK	176923-001	< 9.6	< 19	< 9.6	< 9.6	< 9.6	230	120	350
SB-9-0.5'	12/20/04	0.5	CTBERK	176923-005	< 38	< 76	< 38	< 38	< 38	1600	340	<b>1,940</b>
SB-13-0.5'	12/20/04	0.5	CTBERK	176923-004	< 9.5	< 19	< 9.5	< 9.5	< 9.5	200	52	252
SB-14-0.5'	12/20/04	0.5	CTBERK	176923-003	< 9.5	< 19	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	ND
SB-1a(1.0)	08/09/06	1.0	TORRENT	608063-019	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-1b(1.0)	08/09/06	1.0	TORRENT	608063-020	< 100	< 200	< 100	< 100	< 100	< 100	263	263
SB-1c(1.0)	08/09/06	1.0	TORRENT	608063-021	< 100	< 200	< 100	< 100	< 100	< 100	140	140
SB-1d(1.0)	08/09/06	1.0	TORRENT	608063-022	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-6a (1.0)	08/07/06	1.0	TORRENT	608049-026	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-6b(1.0)	08/07/06	1.0	TORRENT	608049-027	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-6c(1.0)	08/07/06	1.0	TORRENT	608049-028	< 100	< 200	< 100	< 100	< 100	275	< 100	275

**Table 5**  
**Summary of Soil Analytical Results, PCBs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

Sample ID	Date Sampled	Sample Depth (ft bgs)	Lab	Analyte: Method: Units: Lab ID	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs µg/Kg
					EPA 8082 µg/Kg							
SB-6d(1.0)	08/07/06	1.0	TORRENT	608049-029	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-9a(1.0)	08/07/06	1.0	TORRENT	608049-030	< 100	< 200	< 100	< 100	< 100	956	< 100	<b>956</b>
SB-9b(1.0)	08/07/06	1.0	TORRENT	608049-031	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
SB-9c(1.0)	08/07/06	1.0	TORRENT	608049-032	< 100	< 200	< 100	< 100	< 100	380	< 100	380
SB-9d(1.0)	08/07/06	1.0	TORRENT	608049-033	< 100	< 200	< 100	< 100	< 100	1340	< 100	<b>1,340</b>
SB-17(1.0)	08/08/06	1.0	TORRENT	608049-034	< 100	< 200	< 100	< 100	< 100	< 100	< 100	ND
Commercial/Industrial ESLs					µg/Kg	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	740

**Notes:**

ND = Not detected

< = Not detected above laboratory reporting limit indicated.

Bold denotes results greater than commercial/industrial ESLs.

Nondetectable concentrations are considered to be equal to 0 µg/Kg for the purposes of calculating total PCBs.

µg/Kg = micrograms per kilogram

CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California

TORRENT = Torrent Laboratories Inc. of Milpitas, California

EPA = U.S. Environmental Protection Agency

ft bgs = feet below ground surface

PCBs = polychlorinated biphenyls

PRGs = Preliminary Remediation Goals

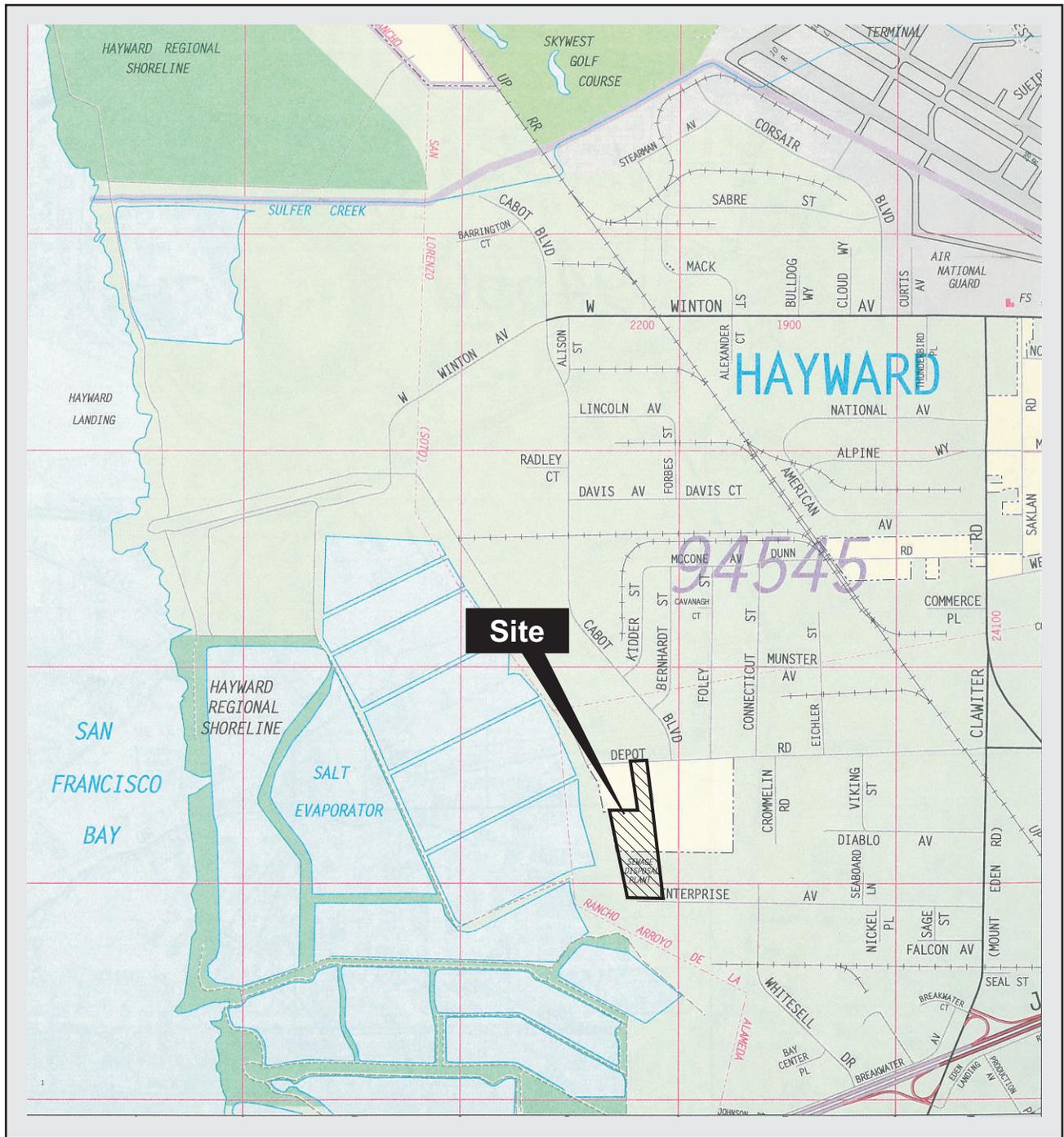
n.a. = not available/not analyzed

**Table 6**  
**Summary of Groundwater Analytical Results, VOCs**  
**3700 Enterprise Avenue, 3810, 3862, and 3878 Depot Road, Hayward, California**

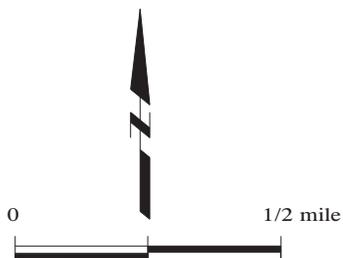
Sample ID	Date Sampled	Lab	Method: Units: Lab ID	Analyte:																			
				1,2,4-Trimethylbenzene	Acetone	Benzene	Carbon Disulfide	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	MTBE	n-Butylbenzene	o-Xylene	para-Isopropyl Toluene	Propylbenzene	sec-Butylbenzene	Toluene	1,1-Dichloroethane	1,1-Dichloroethene	Isopropyl ether	Trichloroethene	
				EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	EPA 8260B	
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
<b>3810 DEPOT ROAD, THE ALADDIN PROPERTY</b>																							
BA-1	08/09/06	TORRENT	608063-003	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	0.82	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	4.89	<b>7.43</b>	<0.50	<0.50	
BA-2	08/09/06	TORRENT	608063-004	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
BA-3	08/09/06	TORRENT	608063-009	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<b>5.82</b>	<b>20.8</b>	<0.50	<0.50	
BA-4	08/09/06	TORRENT	608063-012	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	0.77	<0.50	
BA-5	08/09/06	TORRENT	608063-015	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
BA-6	08/09/06	TORRENT	608063-018	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<b>5.1</b>	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
<b>3700 ENTERPRISE AVENUE, THE CITY PROPERTY</b>																							
B-1	08/08/06	TORRENT	608049-003	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	0.76	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	2.43	<0.50	
B-2	08/08/06	TORRENT	608049-006	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	2.92	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	0.7	
B-3	08/08/06	TORRENT	608049-007	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	0.57	<0.50	<1.0	<0.50	<0.50	
B-4	08/08/06	TORRENT	608049-010	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
B-5	08/08/06	TORRENT	608049-013	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	0.63	<0.50	<1.0	<0.50	<0.50	
<b>3862 AND 3878 DEPOT ROAD, THE EASH PROPERTY</b>																							
SB-1	12/21/04	CTBERK	176792-015	<0.5	70	<0.5	<0.5	9.2	<0.5	<b>47</b>	<5	4.4	<0.5	<b>21</b>	<0.5	<0.5	<0.5	0.4	n.a	n.a	n.a	n.a	
SB-2	12/21/04	CTBERK	176792-011	<0.5	18	<0.5	<0.5	30	<0.5	<b>140</b>	<5	<0.5	<0.5	<b>51</b>	<0.5	<0.5	<0.5	0.4	n.a	n.a	n.a	n.a	
SB-6	12/20/04	CTBERK	176758-007	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<5	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	n.a	n.a	n.a	
SB-9	12/20/04	CTBERK	176758-026	1.7	<10	<b>3.6</b>	<0.5	2.7	1.1	1.4	<5	5.0	0.5	<0.5	0.5	1.3	0.3	0.3	n.a	n.a	n.a	n.a	
SB-10	12/21/04	CTBERK	176792-014	<0.5	20	<0.5	<0.5	0.4	<0.5	1.7	<b>16</b>	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.3	n.a	n.a	n.a	n.a	
SB-12	12/21/04	CTBERK	176792-004	<0.5	<10	<0.5	4.2	0.6	<0.5	2.2	<5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	n.a	n.a	n.a	n.a	
SB-14	12/20/04	CTBERK	176758-019	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	n.a	n.a	n.a	n.a	
SB-16	12/20/04	CTBERK	176758-018	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<b>15</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	n.a	n.a	n.a	n.a	
SB-17	08/08/06	TORRENT	608049-026	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
UST-1	08/07/06	TORRENT	608049-020	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
UST-2	08/07/06	TORRENT	608049-025	<0.50	<100	<0.50	n.a.	<0.50	<1.00	<1.50*	<5.0	<0.50	<0.50	<1.50*	<1	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	
Commercial/Industrial ESLs				µg/L	n.a.	1,500	1.0	n.a.	30	n.a.	20*	5.0	5.0	n.a.	20*	n.a.	n.a.	n.a.	40	5.0	6.0	n.a	5.0

**Notes:**  
< = Not detected above laboratory reporting limit indicated.  
Volatile organic compounds (VOCs) are shown for detected compounds only. See laboratory reports for a complete list of compounds analyzed.  
\* = concentration expressed as total xylenes  
µg/L = micrograms per liter  
CTBERK = Curtis & Tompkins, Ltd., of Berkeley, California  
EPA = U.S. Environmental Protection Agency  
TORRENT = Torrent Laboratories Inc. of Milpitas, California  
ESLs = Environmental Screening Levels  
MTBE = methyl tertiary-butyl ether  
n.a. = not available/not analyzed

DESIGN\001\09301\01\Site Vicinity Depot Road and Enterprise Ave.CDR



SOURCE: Thomas Brothers



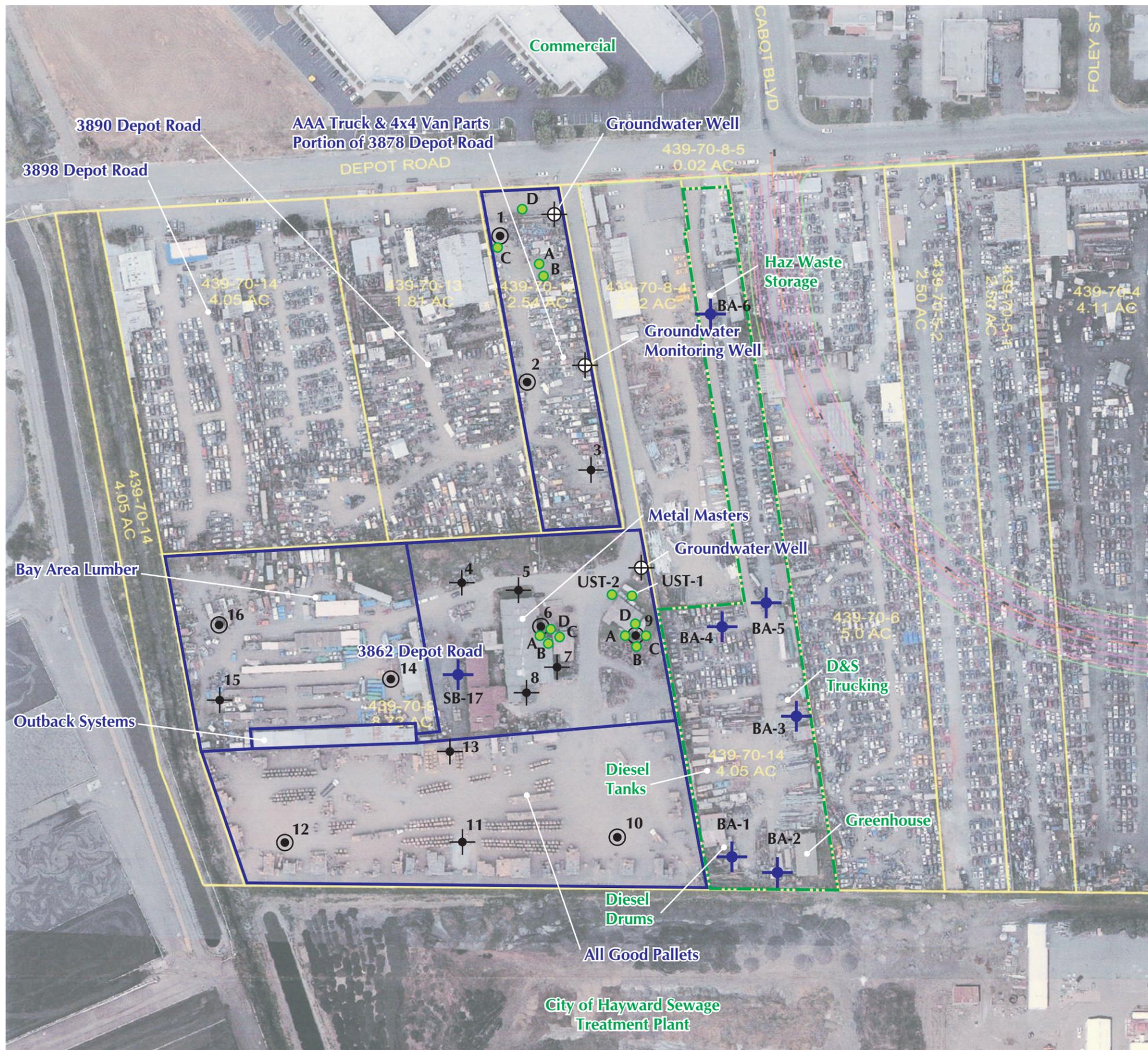
### Site Vicinity Map

3810, 3868, & 3872 Depot Road and 3700 Enterprise Avenue, Hayward, CA



Figure 1

DESIGN\001\093011\01\Soil and GW Investigation Locations Depot Road and Enterprise Ave.cdr



**EXPLANATION**

	Property Line
	Well location
	LFR 2004 shallow boring location
	LFR 2004 deeper boring location
	LFR 2006 Soil/GW Borings ~ 20'-25'
	LFR 2006 Shallow Borings ~ 1.0'-2.0'



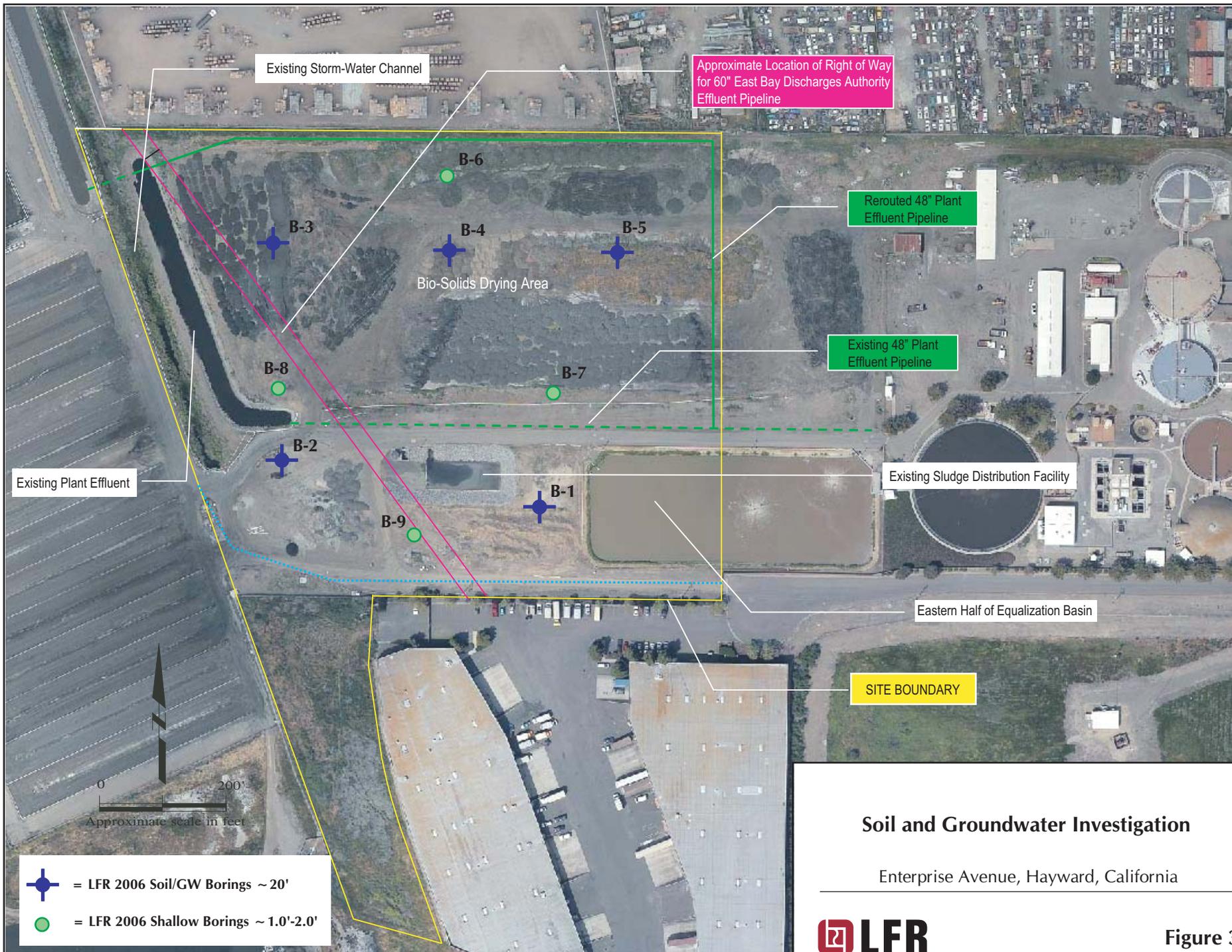
SOURCE: CALPINE 2004

### Soil and Groundwater Investigation Locations

3868 & 3872 Depot Road, Hayward, CA



Figure 2



### Soil and Groundwater Investigation

Enterprise Avenue, Hayward, California



Figure 3

**APPENDIX A**

**Phase I Environmental Site Assessment,  
3810 Depot Road**

## **APPENDIX B**

### **Field Boring Logs**

**APPENDIX C**

**Alameda County Public Works Agency Drilling Permit**

**APPENDIX D**

**NORCAL Geophysical Consultants, Inc., Report**

## **APPENDIX E**

### **Laboratory Reports**