CAL INC

FINAL
CLOSURE REPORT
VOLUME 2

BUILDING 200 AND BUILDING 888
CAMP PARKS RFTA
DUBLIN, CALIFORNIA

CONTRACT NO. DACA05-97-D-0014 Task Order 007

PREPARED ON BEHALF OF:

US Army Corps
of Engineers

DEPARTMENT OF THE ARMY
US ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA

PREPARED BY:

CAL INC
2040 PEABODY ROAD, SUITE 400
VACAVILLE, CALIFORNIA 95687

DECEMBER 1998

FINAL
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VOLUME 1

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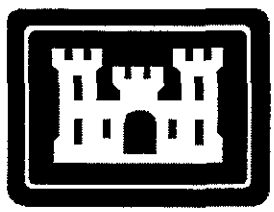

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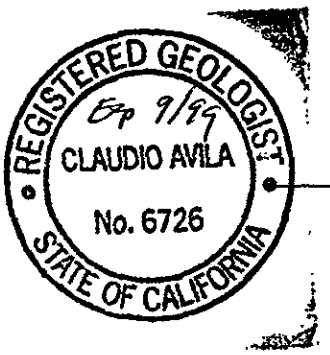
The material and data in this report were prepared under the supervision and direction of the undersigned.



Claudio Avila
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1.0 INTRODUCTION

This report presents the results of subsurface investigations conducted at Building 200 and Building 888 at Camp Parks Reserve Forces Training Area (RFTA) in Dublin, California (see Appendix 1, Figures 1 & 2). The work completed under contract No. DACA05-97-D-0014 Task Order 07 was completed in accordance with CAL INC's *Project Work Plan* (PWP) dated January 14, 1998. The overall purpose of the project was to evaluate the extent of contamination previously detected at the sites, obtain data for determining the potential risk of the contamination to human health and the environment, and obtaining site closure from the Alameda County Health Agency.

The scope of work for the project was based on the CAL INC's PWP referenced above. In general, the scope of work included the following major tasks:

- Collecting soil samples from the existing stockpile soil at Building 888 and disposing soil at an appropriate landfill;
- Backfilling tank cavities at Building 888 with pea gravel and imported borrow material source (USACE approved source);
- Utility Survey (Underground Service Alert);
- Permit Acquisition (Drilling permit);
- Drilling Soil Borings at Buildings 200 and 888;
- Collecting soil and groundwater samples for laboratory analyses;
- Surveying;
- Sampling and Testing of Soil and Groundwater; and
- Loading, Transporting, and Disposing of Contaminated Soil and Decontamination water.

2.0 SITE DESCRIPTION AND BACKGROUND

The following section describes the site locations, previous investigation, project staffing and lead agency requirements for Camp Parks RFTA.

2.1 Site Location and Description

Camp Parks RFTA is located within the northeast quadrant of the intersection of Interstate 580 and 680 in Dublin, California (Figure 1). Camp Parks RFTA occupies approximately 2,800 acres and is bounded by a Federal youth center to the north, residential development to the west, commercial industry, and research facility to the south, and undeveloped land to the east (see Figure 1). The general layout of Camps Parks, including the location of Buildings 200 and 888, is presented on Figure 2.

2.1.1 Physiography, Geology, and Cultural/Environmental Resources

The site is located in the Coastal Range Province and is underlain by quaternary alluvium, mapped as basin deposits. The alluvium deposits are derived from various tributaries flowing from the slopes of Coastal Ranges. Alluvial sediments range in size from silts to gravel (D.L. Wagner, Bortugno, and McJunkin, 1991). Underlying the alluvium deposits are Plio-Pleistocene marine to non-marine deposits consisting of conglomerates, sandstone, siltstone and claystone.

Based on observation during the removal of the USTs, sediment beneath the site consists of clay, silt and sand. Groundwater was observed at a depth of approximately 15 feet below surface grade. According to Mr. Marshall Marik, Environmental Director for Camp Parks RFTA, there are no cultural or environment resources associated with Building 200 and Building 888 sites.

2.1.2 Building 200

Building 200 is located at the western border of Camp Parks RFTA at the intersection of Dougherty Road and 5th Street. The general site plan for Building 200 is presented in Figure 3. The site is currently a police station for Camp Parks RFTA. The site occupies approximately 42,000 square feet. The UST was formerly located north of the security building. Surface conditions adjacent to the building consist of asphalt and concrete pads.

2.1.3 Building 888

Building 888 is located along the east-center border of Camp Parks RFTA at the intersection of Monroe and 4th Street. General site plan for Building 888 is presented in Figure 6. The site is an inactive fuel distribution station. The site consisted of two pump dispenser islands, two former 10,000 gallon underground storage tanks (USTs), and one former 500-gallon UST. Based on information provide by US Army Corps of Engineers and data obtained from Alameda County Health Agency (ACHA), one additional former product line and dispenser was located between the existing dispenser islands. The site occupies approximately 18,000 square feet. The gasoline and diesel USTs were located southeast of the building as shown on Figure 4. The waste oil UST was located northwest of the building. An oil water separator is located immediately north of the building. Surface conditions adjacent to the building consist of asphalt and concrete pads. Before project activities began, there were five stockpiles (totaling approximately 400 tons) located west, east, and south of the building. Stockpiles were generated during the removal of the USTs.

2.2 Background

2.2.1 Building 200

In March 1997, Woodward Clyde (WC) of Sacramento, observed the removal of a 275 gallon diesel fuel tank. During the removal of the UST, hydrocarbon staining was observed in the excavation and in the road base approximately 30 feet southwest of the UST.

Soil samples were collected following the tank removal. A summary of analytical testing results is presented in Appendix 2. Site figures showing the location and results of the samples are depicted in Figure 3. Two road base samples were collected along with samples from the base of the excavation (7 to 9 feet below ground surface (bgs)), and beneath the product delivery lines (2-3 feet bgs). Samples were analyzed for total petroleum hydrocarbons as diesel (TPHD), MTBE and benzene, toluene, ethylbenzene and total xylenes (BTEX).

TPHD was detected in soil samples collected at the base of the excavation and the northwest road base sample at concentrations of 4,100 mg/kg and 270 mg/kg. Benzene, toluene and MTBE were below laboratory detection limits in all soil samples analyzed. Ethyl-benzene and xylenes were detected at concentrations ranging from 0.06 mg/kg to 0.96 mg/kg.

2.2.2 Building 888

In July 1996, WC observed the removal of one 10,000 gallon diesel UST, one 10,000 gallon gasoline UST one 500 gallon waste oil UST, associated product delivery lines, and an abandoned former product delivery lines (WC, November 22, 1996). Soil samples were collected at the base of the UST excavations, beneath the product delivery lines and the former product delivery line. A summary of analytical testing results is presented in Appendix 2. Site figures showing the location and results of the samples are depicted in Figure 6.

Soil samples collected beneath the diesel UST were analyzed for the following:
- TPHD using EPA Method 8015; and
- BTEX using Method 8020.

Soil samples collected from the gasoline UST were analyzed for the following:
- Total petroleum hydrocarbons as gasoline (TPHG) using EPA Method 8015;
- BTEX using Method 8020; and
- Total lead using EPA Method 6010.

Soil samples collected beneath the product delivery line were analyzed for the following:
- TPHG using EPA Method 8015;
- TPHD using EPA Method 8015;
- BTEX using EPA Method 8020; and
- Total lead using EPA Method 6010.

Soil samples collected beneath the waste oil tank were analyzed for the following:
- Volatile halocarbons using EPA Method 8010;
- Extractable organics using EPA Method 8270;
- Oil and grease using EPA Method 503E/5520F;
- TPHD using EPA Method 8015;
- TPHG using EPA Method 8015;
- BTEX using EPA Method 8020; and
- Cadmium, chromium, lead, nickel and zinc using EPA Method 6010.

The sample collected from beneath the south end of the former diesel UST contained TPHD at a concentration of 937 mg/kg. Detectable concentrations of 2.94 mg/kg ethylbenzene and 16.3 mg/kg xylenes were also reported. Laboratory analysis of a sample collected beneath the north end of the former diesel UST did not yield detectable levels of TPHD or BTEX.

The sample collected from beneath the south end of the former gasoline UST did not contain detectable concentrations of TPHD or BTEX, however detectable concentrations of 0.71 mg/kg TPHG, and 7 mg/kg lead were reported. The sampled collected from beneath the north end of the former gasoline UST did not show detectable levels of TPHD or BTEX. Detectable levels of TPHG and lead were reported at concentrations of 0.141 mg/kg and 8 mg/kg, respectively.

TPHD, TPHG, and BTEX were not detected in samples taken from beneath the gasoline product pipeline. Detectable concentrations of 7.1 mg/kg and 10.4 mg/kg were found for lead. A sample collected the west end of the diesel product pipeline excavation contained detectable concentrations of 1510 mg/kg TPHD, 40.2 mg/kg TPHG, 0.173 mg/kg toluene, 0.207 mg/kg ethylbenzene, 0.857 mg/kg xylenes, and 11.3 mg/kg lead. The sample collected from the east end of the diesel product pipeline excavation did not contain detectable levels of TPHD or BTEX. Detectable concentrations of 0.14 mg/kg TPHG and 5.8 mg/kg lead were reported.

The former product pipeline was sampled in three locations. Only the center sample yielded detectable concentrations of contaminates. Levels were found at 87.6 mg/kg TPHD, 211 mg/kg TPHG, 0.164 mg/kg benzene, 0.695 mg/kg toluene, 1.73 mg/kg ethylbenzene, 2.6 mg/kg xylene and 11 mg/kg lead.

2.3 Rationale for Further Investigation

Results of analyses are summarized in the WCs report dated November 22, 1996. A summary of analytical testing results is presented in Appendix 2. Several of the samples collected contained detectable levels of contaminants, however gross contamination was limited to fewer areas. The following sections summarize these areas of concern.

Building 200

- 4100 mg/kg TPHD bottom of excavation (7-9 feet bsg)
- 270 mg/kg TPHD road base northwest of building (1-2 feet bsg)

Building 888

- 937 mg/kg TPHD south end of diesel UST (14.5 feet bgs)
- 1510 mg/kg TPHD west end of diesel pipeline (2 feet bgs)
- 211 mg/kg TPHG center of former gas pipeline (4 feet bgs)

Because of these residual levels, additional over-excavation was conducted along the former product delivery lines located at Building 888. In addition, soil borings were implemented to assess the presence/non-presence of soil contamination within the vicinity of the former diesel, gasoline, and waste oil USTs, and product deliver lines at Building 888; and the former UST at Building 200.

3.0 REGULATORY INVOLVEMENT

CAL INC contacted the Alameda County Health Agency (ACHA) to evaluate regulatory agency requirements for the project. ACHA is the lead agency for soil and groundwater investigations at the site. Drilling permits are required from Alameda County Flood Control and Water Conservation District (ACFCWCD) for proposed drilling activities. The Contact name and address for ACHA, ACFCWCD, and Regional Water Quality Control Board are provided below.

Ms. Eva Chu
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502.

Mr. Wyman Hong
Alameda County Flood Control and Water Conservation District
5887 Parkside Drive
Pleasanton, California 94588.

Regional Water Quality Control-San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612.

4.0 FIELD ACTIVITIES

This section presents a description of the field activities conducted at Camp Parks RFTA. The field activities were conducted during the period of December 18, 1997 through May 18, 1998. In general, the field activities consisted of the following tasks:

- Collecting soil samples from the existing stockpile soil at Building 888 and disposing soil at an appropriate landfill;
- Backfilling tank cavities at Building 888 with pea gravel and imported borrow material source (USACE approved source);
- Utility Survey (Underground Service Alert);
- Permit Acquisition (Drilling permit);
- Drilling Soil Borings at Buildings 200 and 888;
- Collecting soil and groundwater samples for laboratory analyses;
- Surveying;
- Sampling and Testing of Soil and Groundwater; and
- Loading, Transporting, and Disposing of Contaminated Soil and Decontamination water.

A summary of the personnel and equipment utilized during the project, a description of the actual versus planned scope of work, and descriptions of each site task are presented in the following sections.

4.1 Personnel, Equipment, and Documentation

4.1.1 Personnel

All work involved in the project was conducted under the supervision of CAL INC. In general, the following key personnel were involved with the project:

PROJECT PERSONNEL BUILDING 200 & BUILDING 888, CAMP PARKS RFTA		
Personnel	**Company**	**Responsibility**
Carl Lang	US Army Corps of Engineers	Contracting Officer Representative
Joseph Krohn	CAL INC	Program Manager
Claudio Avila	CAL INC	Project Supervisor
Lonnie Brady	CAL INC	Equipment Operator
Van Leonard	Woodward Drilling	Drilling Operator

4.1.2 Equipment

CAL INC used a front-end loader to load existing stockpiled soil located at Building 888 and backfill the former tank cavity at Building 888. Woodward Drilling utilized a Mobile B-57 drilling rig equipped with hollow stem augers to drill soil borings.

4.1.3 Field Documentation

All field activities were entered into daily field logs. The logs were used to describe daily field activities and sampling, and to note deficiencies in quality control/quality assurance (QC/QA). Daily field logs are attached in Appendix 3.

4.2 Deviations from Project Work Plan

Activities described in the approved work plan were generally followed during the field investigation. However, the following deviations occurred during the fieldwork:

1. The work plan outlined the collection and analysis of one soil sample from each boring and one hydropunch sample. In order to evaluate the lateral and vertical extent of contamination two soil samples from each soil boring were submitted for laboratory analyses.

2. Based on the letter from ACHA dated February 3, 1998, ACHA proposed a revised scope of work at Building 200 and Building 888. The proposed scope work included:

   A) Building 200: Advance proposed boring B1, B2, B3, B8, B9 and collect soil samples at 5 feet intervals from each boring, collect grab water samples from proposed B3 and B8 for laboratory analysis.

B) Building 888: Perform limited excavation to remove residual soil contamination in the vicinity of the former dispenser island near DP-1, OGP-1 and OGP-2 and collected confirmation soil samples; advance proposed boring B6, B7, B10, and B11, B9 and collect soil samples at 5 feet intervals from each boring; collect grab water samples from proposed B7, B10 and B11 for laboratory analysis, and the removal of the oil/water separator.

3. The initial volume of existing stockpiled soil at Building 888 was estimated at 300 tons. However approximately 400 tons were stockpiled at the subject site. After 300 ton of soil had been transported to the Class III landfill and at the request of the US Army Corps of Engineers, ACHA authorized the use of the remaining stockpiled soil as backfill for the former UST cavity.

None of the deviations listed above affected the overall quality of the project. The revised scope of work by the ACHA was approved by the US Army Corps of Engineers.

4.3 Building 200

A soil boring program was implemented to evaluate the vertical and lateral extent of hydrocarbons in the vicinity of the former UST at Building 200.

4.3.1 Soil Boring Locations and Rationale

In general, the soil boring program consisted of drilling five soil borings from depths of 21 to 25 feet below surface grade (bsg). Permits were obtained prior to the drilling activities from the Alameda County Flood Control and Water Conservation District. Copies of the permits are presented in Appendix 5. Locations of soil boring/monitoring wells are depicted in Figure 3. In summary, the following activities were completed to assess the presence/non-presence of soil contamination at the site:

- drilling and sampling one soil boring (B2) through the former UST pit; and
- drilling and sampling four soil borings (B1, B3, B4, and B5) adjacent to the UST pit and collecting hydropunch samples from boring B3 and B4.

4.3.2 Soil Sampling Methodology

The soil borings were drilled using a Mobile B-57 drilling rig provided by Woodward Drilling. The borings were drilled with 8-inch diameter hollow-stem augers. Soil samples were collected from the target sample depths using an 1.5 foot long California modified split-spoon sampler (CMSS) attached to a winch-driven 140-pound slide hammer. The CMSS was lined with three 6-inch long by 2-inch diameter brass sample tubes. The CMSS was advanced through the hollow-stem augers into undisturbed soil ahead of the auger drill bit with the winch-driven 140-pound slide hammer, and undisturbed soil was retrieved in the three brass sample tubes. The

bottom sample was capped and placed in a chest cooled with ice, and the other two tubes were used for field screening and lithologic description purposes.

Samples were collected from at five-foot intervals. Soil was classified using visual and manual methods according to the Unified Soil Classification System. Two soil samples from each boring was submitted for laboratory analyses.

B1 was completed to a depth of 23 feet bgs, B2 was completed to a depth of 21 feet bgs, and B5 was completed to a depth of 21.5 feet bgs. Each borehole was abandoned by county requirements by filling with neet cement grout.

The survey included establishing ground elevations for each boresite. All elevation data is based on an arbitrary vertical datum of 100.00 feet at B-1. The survey data is plotted on Figure 4.

4.3.3 Field Screening

Soil samples collected with the barrel sampler were screened using a photoionization detector (PID). The PID measures relative concentrations of organic (petroleum) vapors and was used to screen the samples for laboratory analyses. PID readings are presented on the soil boring logs in Appendix 6.

4.3.4 Hydropunch Sampling

Hydropunch samples were collected from boring B3 and B4 using a stainless steel hydropunch-sampling tip. The hydropunch tip was driven five feet beyond the existing boring depths into the undisturbed aquifer at which point groundwater was sampled.

B3 and B4 were completed to depths of 25 feet bgs. Borehole details are presented in Appendix 6. Each borehole was abandoned by county requirements by filling with neet cement grout.

4.3.6 Equipment Decontamination

A decontamination area was set up away from the immediate zone of the investigation. All reusable sampling equipment and tools were decontaminated between sampling events using a phosphate free detergent and water solution wash, a tap water rinse and de-ionized water rinse.

4.4 Building 888

Composite soils samples were collected for the existing stockpiled soils located near Building 888 to determine the extent of hydrocarbon contamination occurring in these soils. A soil-boring program was implemented to evaluate the vertical and lateral extent of hydrocarbons in the vicinity of the former UST at Building 888.

4.4.1 Stockpile Soil Sampling

On December 18, 1998 CAL INC collected soil samples from the existing stockpiled soil (see Figure 7). One composite sample, consisting of four sub-samples, was collected from approximately every 50-100 cubic yards of soil. A total of four composite soil samples were collected. Laboratory analyses are discussed in section 5.0.

The samples were collected by driving hand-operated percussion sampler fitted with a clean brass sleeve into the stockpiled soil. The sleeve was removed from sampler and promptly sealed with Teflon tape and plastic caps. The sample were labeled and placed in iced storage. Chain-of-Custody records were initiated by the geologist and accompanied the samples to the analytical laboratory.

4.4.2 Limited Excavation

Based on the revised scope of work, on February 11, 1998, CAL INC performed a limited over-excavation near the former dispenser island. The purpose of the limited excavation was to remove visibly impacted hydrocarbon material and to evaluate the lateral and vertical extent of residual hydrocarbons near the former dispenser island. Approximately 20 cubic yards of soil was removed and disposed during this work. Soil samples from the final limits of the excavation and from the existing stockpiled soil were collected and tested for petroleum product (see Figure 7).

4.4.3 Soil Boring Locations and Rationale

In general, the soil boring program consisted of drilling five soil borings from depths of 14.5 to 21.5 feet below surface grade (bsg). Permits were obtained prior to the drilling activities from the Alameda County Flood Control and Water Conservation District. Copies of the permits are presented in Appendix 5. Locations of soil borings are depicted in Figure 8. In summary, the following activities were completed to assess the presence/non-presence of soil contamination at the site:

- drilling and sampling five soil borings (B1, B2 B3, B4, and B5) surrounding the former UST locations.

4.4.4 Soil Boring Methodology

The soil borings were drilled using a Mobile B-57 drilling rig provided by Woodward Drilling. The borings were drilled with 8-inch diameter hollow-stem augers. Soil samples were collected from the target sample depths using an 1.5 foot long California modified split-spoon sampler (CMSS) attached to a winch-driven 140-pound slide hammer. The CMSS was lined with three 6-inch long by 2-inch diameter brass sample tubes. The CMSS was advanced through the hollow-stem augers into undisturbed soil ahead of the auger drill bit with the winch-driven 140-pound slide hammer, and undisturbed soil was retrieved in the three brass sample tubes. The

bottom sample was capped and placed in a chest cooled with ice, and the other two tubes were used for field screening and lithologic description purposes.

Samples were collected at five-foot intervals. Soil was classified using visual and manual methods according to the Unified Soil Classification System. Two soil samples from each boring was submitted for laboratory analyses.

B1 was completed to a depth of 21.5 feet bgs, B2 was completed to depths of 19 feet bgs, and B4 was completed to depths of 14.5 feet bgs. Borehole details are presented in Appendix 6. Each borehole was abandoned by county requirements by filling with neet cement grout.

The survey included establishing ground elevations for each boresite. All elevation data is based on an arbitrary vertical datum of 100.00 feet at B1. The survey data is plotted on Figure 8.

4.4.5 Field Screening

Soil samples collected with the barrel sampler were screened using a photoionization detector (PID). The PID measures relative concentrations of organic (petroleum) vapors and was used to screen the samples for laboratory analyses. PID readings are presented on the soil boring logs in Appendix 6.

4.4.6 Hydropunch Sampling

Hydropunch samples were collected from boring B3 and B4 using a stainless steel hydropunch-sampling tip. The hydropunch tip was driven five feet beyond the existing boring depths into the undisturbed aquifer at which point groundwater was sampled.

B3 was completed to depths of 19 feet bgs, and B5 was completed to depths of 14.5 feet bgs. Borehole details are presented in Appendix 6. Each borehole was abandoned by county requirements by filling with neet cement grout.

4.4.7 Equipment Decontamination

A decontamination area was set up away from the immediate zone of the investigation. All reusable sampling equipment and tools were decontaminated between sampling events using a phosphate free detergent and water solution wash, a tap water rinse and de-ionized water rinse.

5.0 SUBSURFACE CONDITIONS

Individual logs of soil lithology encountered at the borings sites are presented in Appendix 6. Geologic cross sections depicting the subsurface soils encountered at the site are presented as

Figures 5 and 9 in Appendix 1. A discussion of subsurface soil and groundwater conditions encountered during the field work is presented in the following sections.

5.1 Soil Lithology

5.1.1 Building 200

Soils beneath the site consist predominately of clayey silt. Exceptions occurred in borings B1, B2, and B5. Gravel fill from the former UST pit was encountered in boring B2 extending from the surface to 7 feet bsg. A layer of sandy clay was encountered in boring B1 at a depth of 9 feet through 11 feet bsg. Boring B5 showed the most variation with a layer of silty sand from 9 feet to 13 feet bsg, and a layer of fine to medium sand at 13 feet to 16 feet.

5.1.2 Building 888

Soils beneath the site consist of predominately clayey silt. Borings B3, B4, B5, show only the clayey silt lithology. Boring B2 has only one variation from clayey silt, this is a layer of medium sand encountered at 13 feet to 14 feet bsg. Boring B1 shows the most complexity having two layers of fine-grained sand disrupting the clayey silt. The top layer extends from 8 to 11 feet bsg; the bottom layer extends from 13.5 feet to 18 feet below surface grade.

5.2 Groundwater

5.2.1 Building 200

Groundwater was encountered at approximately 22 feet bsg in borings B1 and B3. Groundwater was not encountered in boring B2, which was drilled to 21 feet bsg, nor in borings B4 or B5, which were each drilled to 25 and 21.5 feet bsg, respectively.

5.2.2 Building 888

Groundwater was encounter at approximately 15 feet bsg in borings ~~B3~~ 2 and B3, and at 16 feet bsg in boring B1. Groundwater was not encountered in boring B4 and B5, which were drilled to only 14.5 feet bsg.

5.3 PID Readings

Soil samples were screened for the presence of volatile organic compounds using a Photoionization Detector (PID). The PID readings are presented on the soil boring logs in Appendix 6. PID readings were not detected at concentrations greater than 0.1 parts per million (ppm) in any of the samples collected.

6.0 CHEMICAL ANALYSES

6.1 Analytical Methods

All soil and water samples were analyzed by Curtis and Tompkins Laboratories, Ltd. (C&T) of Berkley California. C&T is certified by the California Department of Health Services and the US Army Corps Of Engineers Missouri River Division (MRD) for all of the analytical methods used for the project.

Soil and groundwater samples collected from Building 200, Building 888 and the existing waste oil tank stockpiles were analyzed for the following:

- Total Petroleum Hydrocarbons (TPH) - Gasoline (EPA 8015M);
- TPH-Diesel (EPA 8015M for soil and EPA3630/8015M for groundwater samples);
- Benzene, toluene, ethyl benzene, xylenes (BTEX)/ MTBE (EPA 8020);
- Polynuclear Aromatic Hydrocarbons (PAH using EPA 8310); and
- Total lead using EPA Method 6010.

Soil samples collected from the existing waste oil tank stockpiles were additionally analyzed for the following:

- Title 26 Metals;
- VOC (sample S-1218-4A-4D only)
- Semi VOA (sample S-1218-4A-4D only); and
- Oil & Greese (sample S-1218-4A-4D only).

The analytical program described above was designed to meet requirements of the RWQCB and ACHA for clean closures of USTs. Summaries of results are presented in Appendix 7, Table 2 through Table 4.

6.2 Discussion of Soil Analytical Results

This section presents the results of chemical analyses on soil and water samples collected during the project. Summaries of the testing program are presented in Appendix 7, Tables 1a through 1c. Summaries of the analytical results are presented in Tables 2 and 3. Certified laboratory reports are presented in Appendix 9.

6.2.1 Building 200

6.2.1.1 Soil Borings B1 – B5

Based on analytical results of soil and water samples collected from Building 200, TPHG, BTEX, MTBE, and PAH were below laboratory detection limits. However, soil samples from B2 and water samples from B3 did test positive for the presence of THPD.

TPHD was detected in B2 soil borings at levels of 1.2 mg/kg and 8.1 mg/kg. TPHD was detected in water samples collected from B3 at 59 µg/L.

not a problem

Total lead was detected in all of the soil samples collected. Levels ranged from 5.0 to 6.9 in soils collected from B1, B2, B3, B4, and B5.

6.2.2 Building 888

6.2.2.1 Stockpile Soil and former Product Fuel Line

Based on analytical results of composite soil samples collected from the stockpiled soils located next to Building 888, TPHG, BTEX, MTBE, HVOC, and, semiVOC were below laboratory detection limits and applied action levels. However, TPHD was detected in all of the composite soil samples collected. THPD was detected at a concentration of 2 mg/kg through 15 mg/kg in 1A-1D, 2A-2D, and 3A-3D. The composite sample 4A-4D was the heaviest impacted sample, having a TPHD level of 620 mg/kg.

Metal analysis performed on the composite soil samples did not detect any metals in composite samples 1A-1D, 2A-2D, and 3A-3D, except for lead. Lead was detected in all samples tested. Lead concentrations ranged from 6.6 through 15 mg/kg. Composite sample 4A-4D tested positive for a large constituency of metals.

Based on analytical results of soil samples collected from the former product fuel line located next to Building 888, TPHG, TPHD, BTEX, and MTBE, were below laboratory detection limits except in sample S-5-DP1. In sample S-5-DP1 TPHG was detected at a concentration of 36 mg/kg, TPHD at 370 mg/kg, toluene at 0.042 mg/kg, ethyl-benzene at 0.045 mg/kg, m,p-xylene at 0.074 mg/kg, and o-xylene at 0.160 mg/kg.

6.2.2.2 Soil Borings B1 – B5

Based on analytical results of soil and water samples collected from Building 888, TPHG, THPD, BTEX, and MTBE, were below laboratory detection limits for all samples collected except for sample S-11.5-B2 duplicate and sample W-16-B1.

TPHD was detected in sample S-11.5-B2 duplicate at a concentration of 23,000 mg/kg. It was noted in the analytical reports that this sample was found to exhibit a fuel pattern which does not resemble standard and that hydrocarbons are heavier than indicated in standard. TPHD was detected in sample W-16-B1 at a concentration of 320 µg/kg.

All samples collected tested positive for total lead. Levels detected ranged from 5.9 mg/kg through 9.69 mg/kg in the soil samples and 5.2 µg/L through 39.0 µg/L in the water samples.

7.0 QUALITY CONTROL AND OVERALL DATA QUALITY

Field sampling activities were performed under the supervision of the Contractor Quality Control System Manager. All field activities were conducted in accordance with the approved program level Chemical Data Quality Management Plan (CDQMP) (CAL INC, 1997), and the site-specific Work Plan (CAL INC, 1997).

Chemical data generated for this project were reviewed by a qualified chemist in accordance with the procedures outlined in USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (EPA 1994a) and USEPA Contract Laboratory Program National Guidelines for Inorganic Data Review (EPA 1994b). Sample results and associated QA/QC results that were reviewed included (as applicable): holding times, initial and continuing calibration, field and laboratory blank results, laboratory control sample (LCS), spike results, matrix spike (MS) results, field and laboratory matrix duplicates results, surrogate recoveries, and internal standard performance.

All analytical data summaries and data review worksheets are provided in Appendix 10. Gimble Laboratories evaluated the analytical data in two sections. The two data sets are referred to as Part I, Camp Parks and Part II, Camp Parks. Overall quality of the chemical data is discussed below.

7.1 Data Validation Summary

According to the data validation report, the overall quality of the data appeared to be good for the data available. Deficiencies described were not considered cause for concern with regard to the laboratory's ability to identify and quantify the required target analytes.

- Accuracy was determined to be acceptable, based on surrogate and spike recoveries, with the exception of TPH and PAH in most of the data set for Part I.

- Precision was determined to be acceptable, based on matrix spike and matrix spike duplicate results, with the exception of sample S-1218-4A-4D where precision could not be determined.

7.2 Conclusions

Qualifiers (J) were applied to a large number of the chemical data for this project. No significant problems occurred in the analysis of samples that would compromise the data quality. Based on the QC data provided, the chemical data are considered valid and are usable for the purpose intended.

8.0 TRANSPORTATION AND DISPOSAL OF CONTAMINATED SOILS

Approximately 300 tons of the stockpiled soils were profiled, transported, and disposed off-site. The stockpiled soil was transported to Vasco Road Class III Landfill in Livermore, California. Loading, transporting and disposal activities were conducted on February 2 through February 11, 1998 by Dillard Trucking of Byron, California. Copies of the hazardous waste manifests and landfill weight tickets are provided in Appendix 8.

The remaining 100 tons of stockpiled soil was used as backfill for the UST excavation pit. Contaminant levels of the remaining soil was found to be at low enough levels so as to not pose a threat to the surrounding environment or groundwater.

9.0 SITE RESTORATION

The UST excavation pit was back filled with pea gravel to approximately 5 feet below surface grade. The excavation pit was then lined with fabric and filled with aggregate base and native soil in 12 inch lifts.

Soil boring sites were abandoned in accordance with county requirements. Soil borings where backfilled with cement/bentonite grout from the total depth of the boring to near surface. The top six inches of the boreholes were backfilled with either asphalt old patch, concrete, or soil (depending on pre-existing surface conditions).

10.0 SUMMARY, DISCUSSION AND RECOMMENDATIONS

Based on the results of the investigation conducted at the site, the following summary and recommendations are provided.

10.1 Summary

1. Four sets of soil composite samples were collected from the stockpiled soil located adjacent to Building 888. Based on analytical results of soil samples collected from the stockpiled soil, the stockpiles were classified as non-RCRA hazardous waste. A total of 300 tons of impacted soil was transported to Vasco Road Landfill. After approval by USACOE and the ACHA, the remaining 100 tons was used as backfill material at the former UST excavation pit.

2. Fuel residual was identified at the former product delivery line located adjacent to Building 888. Soils were excavated to the extent necessary to remove impacted soil. Soil samples collected from the bottom of the new excavation (6 feet bsg) were found to be free of hydrocarbon and organic constituents. Therefore, the vicinity of the product delivery lines has been sufficiently remediated.

3. A total of twenty soil samples and eight hydropunch water samples were collected from boring sites at both Building 200 and Building 888 to evaluate the extent of lateral and vertical hydrocarbon contamination. Based on analytical results of soil and water samples collected, the levels of hydrocarbon impact were marginal.

10.2 Discussion

The following section discusses the results of the soil and groundwater testing conducted for this investigation.

10.2.1 Building 200

The two areas of concern, the bottom of the UST excavation and the road base northwest of building 200, both showed significant lowering of contaminant levels.

TPHD concentrations of 4100 mg/kg had previously been detected in the bottom of the UST excavation at a depth of 7-9 feet bsg. Boring B2 was drilled through the former UST excavation pit. TPHD concentrations were found to be 1.2 mg/kg at 12 feet bsg and 8.1 mg/kg at 21 feet bsg. Groundwater samples collected down gradient from boring B2, in boring B3, did not contain concentrations of any contaminant above laboratory detection levels, with the exception of TPHD. TPHD was found in the initial groundwater sample at a concentration of 58 µg/L.

TPHD concentrations of 270 mg/kg had previously been detected in the road base 1-2 feet bsg at the northwest corner of building 200. Boring B4 was drilled just north of this site. TPHD concentrations were found to be below laboratory detection levels in all soil and groundwater samples.

The majority of the total lead concentrations ranged from 5 to 10 mg/kg. This level appears to be the ambient level for lead contained in the soil and groundwater for this region.

10.2.2 Building 888

The areas of concern for Building 888 were the south end of the diesel UST (CPD-1) at 14.5 feet bsg; the west end of diesel pipeline (DP-1); and the center of the former gas pipeline (OGP-2). These areas of concern showed significant lowering of contaminant levels.

TPHD concentrations of 937 mg/kg had previously been detected in the south end of the diesel UST (CPD-1). Boring B2 was drilled to the southeast of this contamination site. Samples collected at 11.5 feet bsg and 14.5 feet bsg did not contain TPHD level above laboratory detection limits. However, one extremely high concentration of TPHD was detected in sample S-11.5-B2 duplicate. The TPHD level for this sample was 23,000 mg/kg. This anomaly can not readily be accounted for as TPHD was not detected in the original sample S-11.5-B2. It is CAL INC's opinion that this sample is not representative of the subsurface soils and should be discounted for the purpose of this report.

TPHD concentrations of 1510 mg/kg had previously been detected in the product delivery trench at a depth of 5 feet bsg (DP-1). Sample S-5DP-1, taken at the same location, showed TPHD concentrations of 370 mg/kg.

TPHG concentrations of 211 mg/kg had previously been detected in the center of the former gas pipeline excavation at 4 feet bsg (OGP-2). Samples collected at S-6-OGP-2, taken at the same location, showed TPHG concentrations below laboratory detection levels.

Groundwater samples were collected down gradient from DP1 and OGP-2 in boring B1 and B2. TPHD was detected in Boring B1 at a concentration of 320 µg/L and a duplicate sample detected a concentration of 81 µg/L. Groundwater samples taken from boring B2 were below laboratory detection levels.

The majority of the total lead concentrations ranged from 5 to 10 mg/kg. This level appears to be the ambient level for lead contained in the soil and groundwater for this region.

10.3 Recommendations

Based on the results of the soil remediation and testing activities conducted during the investigation, "no further action" appears to be warranted for the former UST sites at both Building 200 and Building 888. Closure should be requested from the ACHP.

11.0 REFERENCES

CAL INC. January 1997. Final Project Work Plan Building 200 and Building 888 Underground Storage Tank Assessments, Camp Parks Reserve Forces Training Area, Dublin, California.

Environmental Protection Agency (EPA), 1994a, USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review.

EPA, February 1994b, USEPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review.

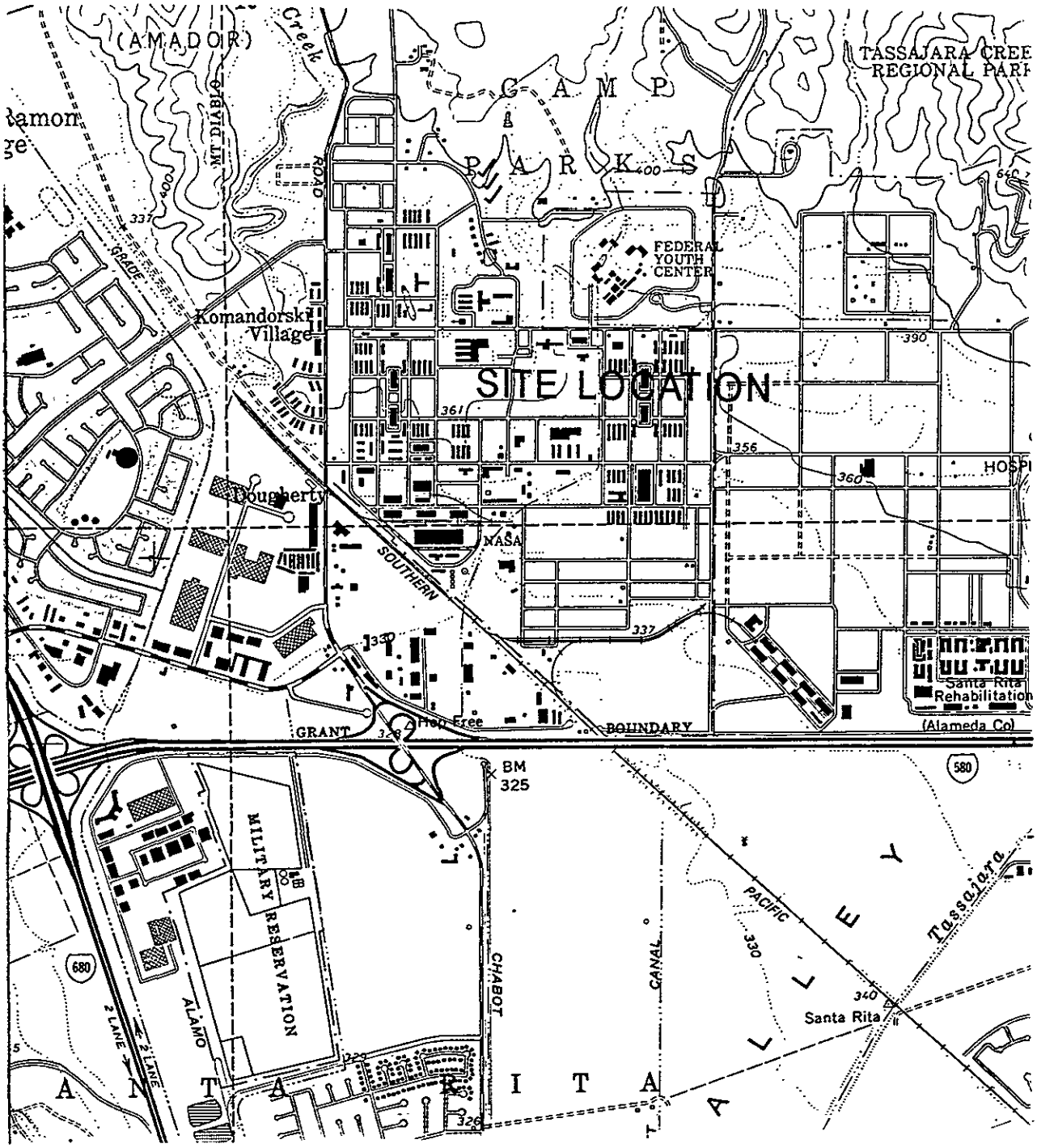
Woodward-Clyde, November 22, 1996. Underground Storage Tank Removal Report, Camp Parks RFTA. POL Point, Building 888, Dublin California.

State of California Regional Water Quality Control Board (RWQCB). August 10, 1990. Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites.

12.0 LIMITATIONS

The services described in this report were performed consistent with general accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our clients unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, location, time frames and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices. or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of report.



SCALE:

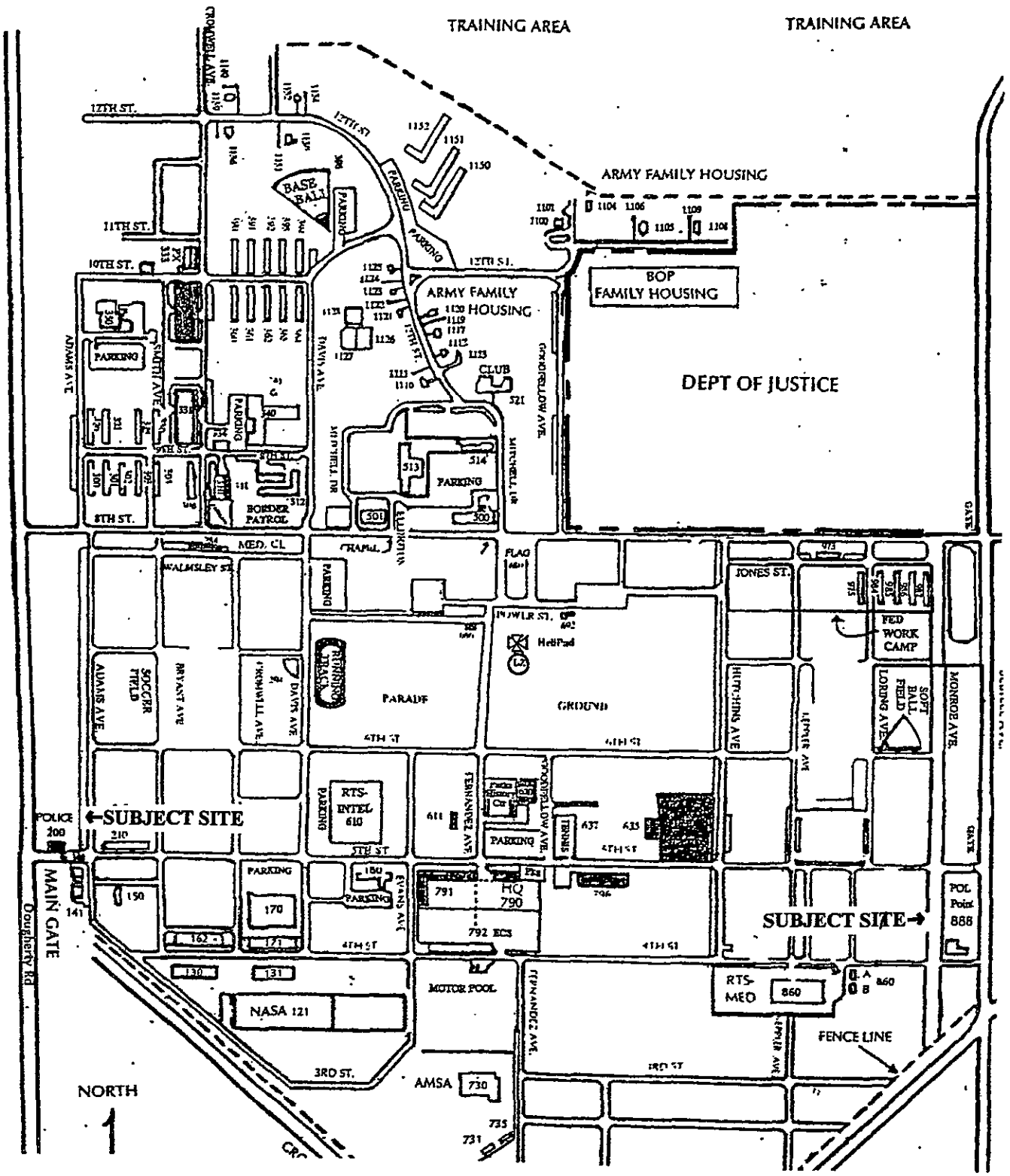
0 2000 4000 FT

CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA 95688 707-446-7995

JOB NUMBER:	DRAWN BY:	DATE:
2809	JWB	9/17/98
REVISION:	CAD FILENAME:	SCALE:
	2809FIG1.DWG	1"=2000'

SITE LOCATION MAP
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

DWG NO: FIG. 1



SCALE:

0 40 80 FT

CAL ENVIRONMENTAL SERVICES INC VACAVILLE, CA 95688 707-448-7996	JOB NUMBER: 2809	DRAWN BY: JWB	DATE: 9/17/98
	REVISION:	CAD FILENAME: 2809FIG2.DWG	SCALE: 1"=40'

AREA SITE MAP
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

DWG NO.: FIG. 2

N

DOUGHERTY ROAD

EDGE OF ROADWAY

AC BIKE PATH

AC SWALE

SHED

LIGHT POLE

OVERHEAD POWER

B200-B1
TPHD: 4100
TPHG: –
BT: <0.005
E Benzene: 0.23
Xylenes: 0.96
MTBE: <0.02
Total Lead:–
bsg: 7–9 FT

B200-C1
TPHD: 670
TPHG: –
BTE: <0.005
Xylenes: 0.06
MTBE: <0.02
Total Lead:–
bsg: N/A

(EXCAVATED SOIL)

EXISTING AC PAVING

EXISTING GRAVEL AREA

B200-P1
TPHD: <1.0
TPHG: –
BTEX: <0.005
MTBE: <0.02
Total Lead:–
bsg: 2–3 FT

B200-04CC
TPHD: 270
TPHG: –
BT: <0.005
E Benzene: 0.06
Xylenes: 0.36
MTBE: <0.02
Total Lead:–
bsg: 1–2 FT

BUILDING 200 (POLICE)

POWER POLE WITH LIGHT

B200-01CC
TPHD: <1.0
TPHG: –
BTEX: <0.005
MTBE: <0.02
Total Lead:–
bsg: 1–2 FT

GATE

GUARD SHACK

5th STREET

SCALE: 0 20 40 FT

LEGEND:

△ PREVIOUS SOIL SAMPLE LOCATION

TPHD= Total extractable Petroleum Hydrocarbons as Diesel (EPA 8015M)

TPHG= Total extractable Petroleum Hydrocarbons as Gas (EPA 8015M)

BT/BTE/BTEX= Benzene, Toluene, Ethyl Benzene, Xylene, as indicated/included (EPA 8020)

MTBE= Methyl Tert-Butyl Ether

bsg= below surface grade

UNITS ARE IN mg/kg(ppm).

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JOB NUMBER	DRAWN BY	DATE
2809	JWB	9/17/98
REVISIONS: 9/22/98	CAD FILENAME: 2809FIG3.DWG	SCALE: 1"=20'

BUILDING 200: PREVIOUS SOIL SAMPLES
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

FIG. 3

N

DOUGHERTY ROAD

EDGE OF ROADWAY

AC BIKE PATH

AC SWALE

SHED

LIGHT POLE

OVERHEAD POWER

B-1

B-2

B-3

B-4

B-5

B200-B1

B200-P1

B200-04CC

BUILDING 200 (POLICE)

B200-01CC

B200-C1 (EXCAVATED SOIL)

A

A'

EXISTING GRAVEL AREA

EXISTING AC PAVING

ESTIMATED DIRECTION OF GROUNDWATER FLOW

POWER POLE WITH LIGHT

GATE

GUARD SHACK

5th STREET

LEGEND:

⊗	B-1	SOIL BORING LOCATION
△	B200-C1	PREVIOUS SOIL SAMPLE LOCATION

DESCRIPTION	ELEVATION (FT MSL)
B-1	348.14
B-2	347.45
B-3	347.52
B-4	347.15
B-5	347.61

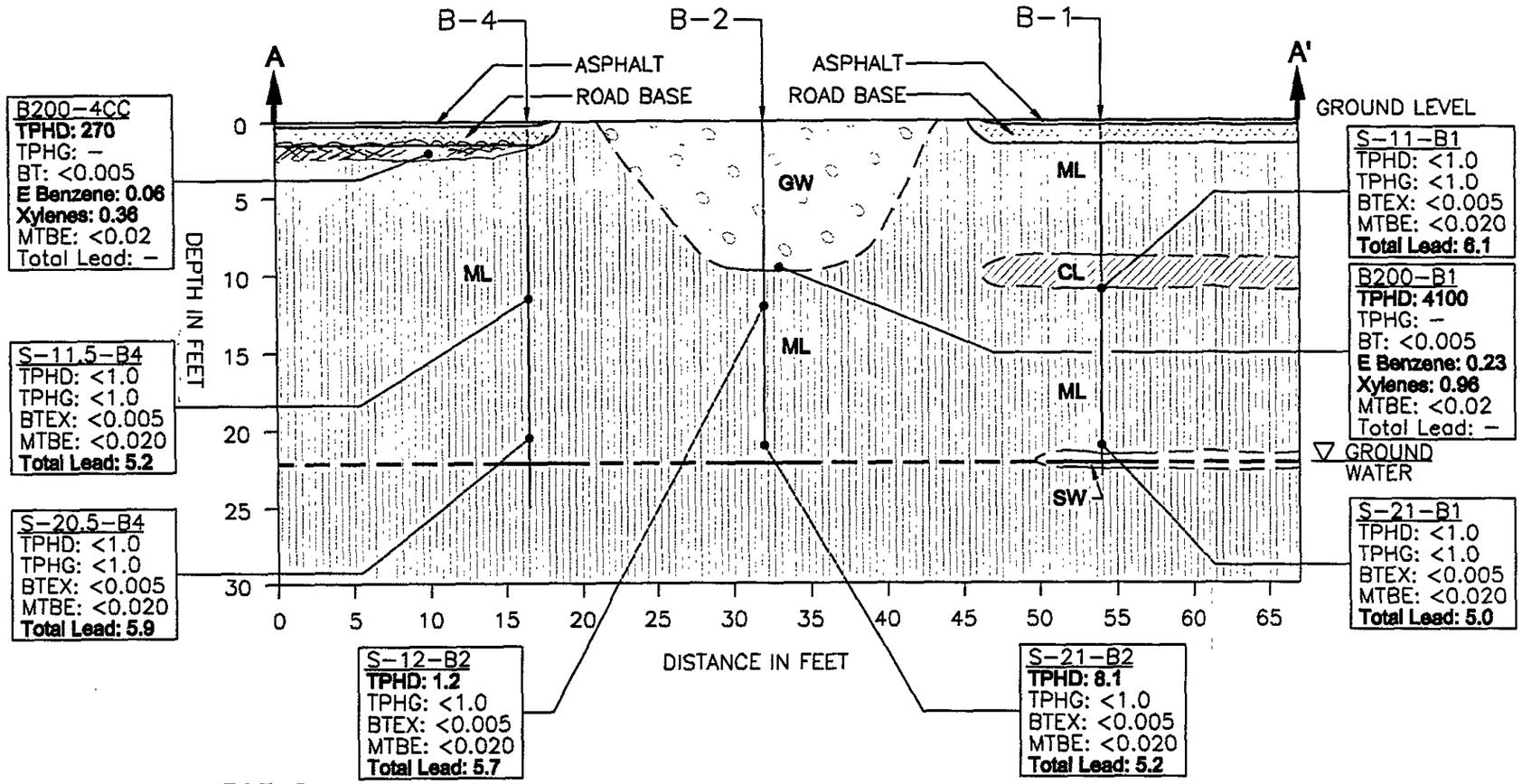
SCALE:
0 20 40 FT

CAL ENVIRONMENTAL SCIENCES INC
WALNUT CREEK, CALIFORNIA 925-945-7866

JOB NUMBER	Drawn By	DATE
2809	JWB	9/17/98
REVISIONS	CAD FILENAME	SCALE
10/5/98	2809FIG4.DWG	1"=20'

BUILDING 200: SOIL BORING LOCATIONS
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

FIG. 4



LEGEND:

GW SANDY GRAVEL FILL	TPHD= Total extractable Petroleum Hydrocarbons as Diesel (EPA 8015M)
ML CLAYEY SILT	TPHG= Total extractable Petroleum Hydrocarbons as Gas (EPA 8015M)
CL SANDY CLAY	BT/BTE/BTEX= Benzene, Toluene, Ethyl Benzene, Xylene, as indicated/included (EPA 8020)
SW SAND	MTBE= Methyl Tert-Butyl Ether
• SOIL SAMPLE LOCATION	*UNITS ARE IN mg/kg(ppm).*

CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA.95688 707-446-7996

JOB NUMBER:	DRAWN BY:	DATE:
2809	JWB	9/17/98
REVISION: 10/5/98	CAD FILENAME: 2809FG5R.DWG	SCALE: AS SHOWN

BLDG 200: GEOLOGIC CROSS SECTION
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

DWG NO.: FIG. 5

AC PAVING

MONROE AVENUE

DIRT

DIRT

DIRT

DIRT/GRAVEL

FORMER WASTE OIL TANK

CONC.

ABANDONED BUILDING

BROKEN AC

BROKEN AC

BROKEN AC

BROKEN AC

GATE

GATE

GATE

GRAVEL

CONCRETE BROKEN/SAWED

FORMER UNDERGROUND GAS STORAGE TANK

FORMER UNDERGROUND DIESEL STORAGE TANK

DIRT

AC PAVING

AC PAVING

4th STREET

WO-1
Oil & Grease: 28
TPHD: <10
TPHG: <0.05
BTEX: <0.002
Total Lead:-
bsg: N/A

OGP-2
TPHD: 87.6
TPHG: 211
Benzene: 0.164
Toluene: 0.695
E Benzene: 1.73
Xylenes: 2.6
Total Lead: 11
bsg: 4 FT

OGP-1
TPHD: <10
TPHG: 20.6
Benzene: <0.002
Toluene: 0.055
E Benzene: 0.0775
Xylenes: 0.192
Total Lead: 10.1
bsg: 4 FT

MOP-1
TPHD: <10
TPHG: <0.05
BTEX: <0.002
Total Lead: 7.1
bsg: 1.5 FT

DP-1
TPHD: 1510
TPHG: 40.2
Benzene: <0.01
Toluene: 0.173
E Benzene: 0.207
Xylenes: 0.857
Total Lead: 11.3
bsg: 2 FT

DP-2
TPHD: <10
TPHG: 0.14
BTEX: <0.002
Total Lead: 5.8
bsg: 2 FT

OGP-3
TPHD: <10
TPHG: <0.05
BTEX: <0.002
Total Lead: 9.7
bsg: 4 FT

CPD-2
TPHD: <10
TPHG: -
BTEX: <0.002
Total Lead:-
bsg: 15 FT

CPG-2
TPHD: <10
TPHG: 0.141
BTEX: <0.002
Total Lead: 8
bsg: 16 FT

MOP-2
TPHD: <10
TPHG: <0.05
BTEX: <0.002
Total Lead: 10.4
bsg: 1.5 FT

CPD-1
TPHD: 937
TPHG: -
BT: <0.1
E Benzene: 2.94
Xylenes: 16.3
Total Lead:-
bsg: 14.5 FT

CPG-1
TPHD: <10
TPHG: 0.071
BTEX: <0.002
Total Lead: 7
bsg: 16 FT

LEGEND:

△ *PREVIOUS SOIL SAMPLE LOCATION*

TPHD= Total extractable Petroleum Hydrocarbons as Diesel (EPA 8015M)

TPHG= Total extractable Petroleum Hydrocarbons as Gas (EPA 8015M)

BT/BTE/BTEX= Benzene, Toluene, Ethyl Benzene, Xylene, as indicated/included (EPA 8020)

MTBE= Methyl Tert-Butyl Ether

bsg= below surface grade

UNITS ARE IN mg/kg(ppm).

N

SCALE: 0 20 40 FT

CAI INC

JOB NUMBER	DRAWN BY	DATE
2809	JWB	9/18/98
REVISION	CAD FILENAME	SCALE
10/5/98	2809FIG6.DWG	1"=20'

BUILDING 888: PREVIOUS SOIL SAMPLES
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

FIG. 6

AC PAVING

MONROE AVENUE

SOIL STOCKPILE GENERATED FROM WASTE OIL TANK

DIRT

DIRT

ASPHALT PILE

4B

4C

4D

4A

DIRT/GRAVEL

2A

2B

2D

1C

2C

DIRT

FORMER WASTE OIL TANK

CONC.

ABANDONED BUILDING

1D

1A

1B

SOIL STOCKPILE GENERATED FROM THE DIESEL AND GASOLINE UST'S

BROKEN AC

BROKEN AC

3C

3D

BROKEN AC

DISCOLORED SOIL

GATE

GRAVEL

FORMER UNDERGROUND GAS STORAGE TANK

SOIL STOCKPILE GENERATED FROM THE DIESEL AND GASOLINE UST'S

3A

3B

DIRT

BROKEN AC

FORMER UNDERGROUND DIESEL STORAGE TANK

CONCRETE BROKEN/SAWED

DRAIN

GATE

GATE

AC PAVING

4th STREET

AC PAVING

N

SCALE:

0 20 40 FT

LEGEND:

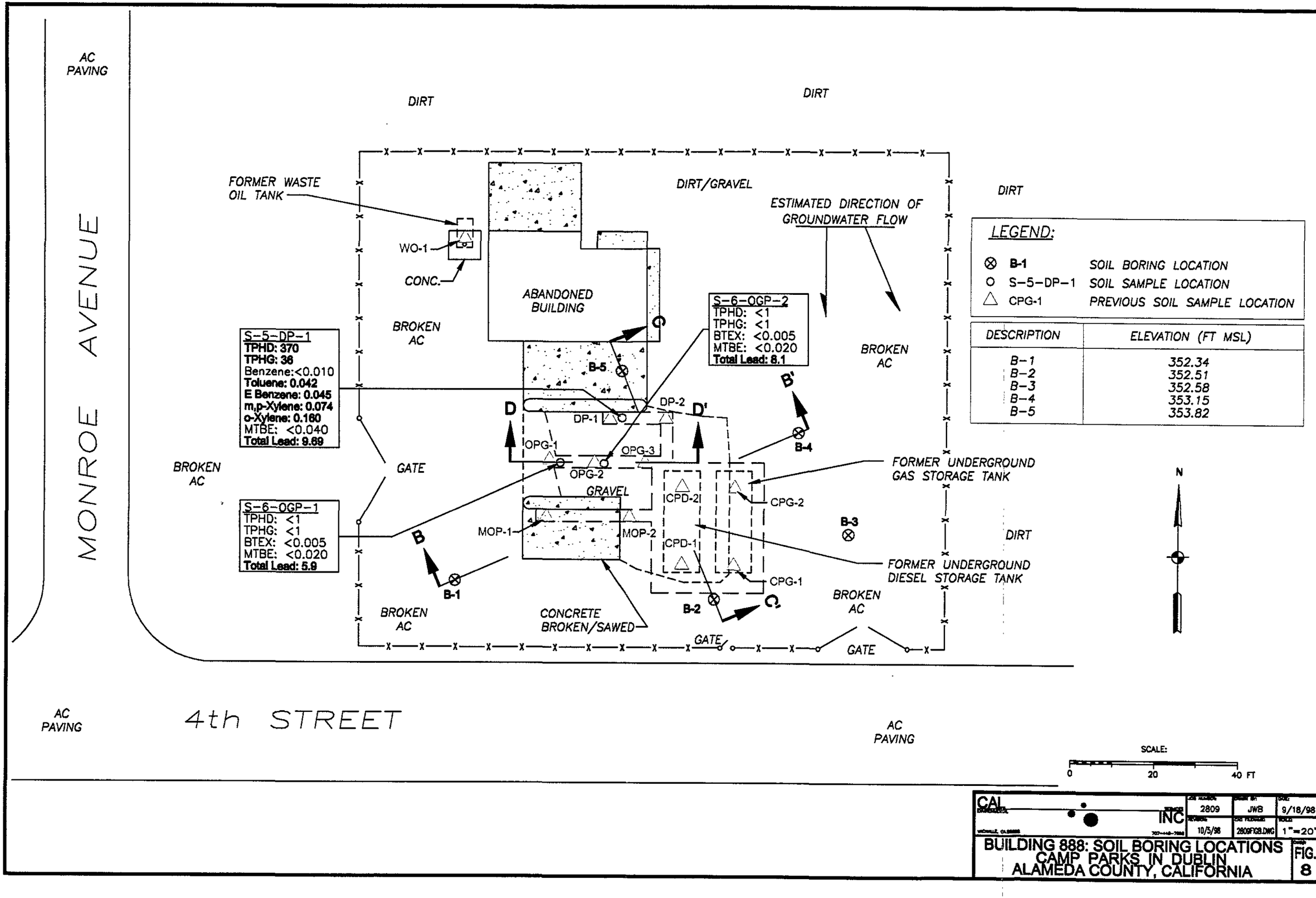
○ 4A STOCKPILED SOIL SAMPLE LOCATION

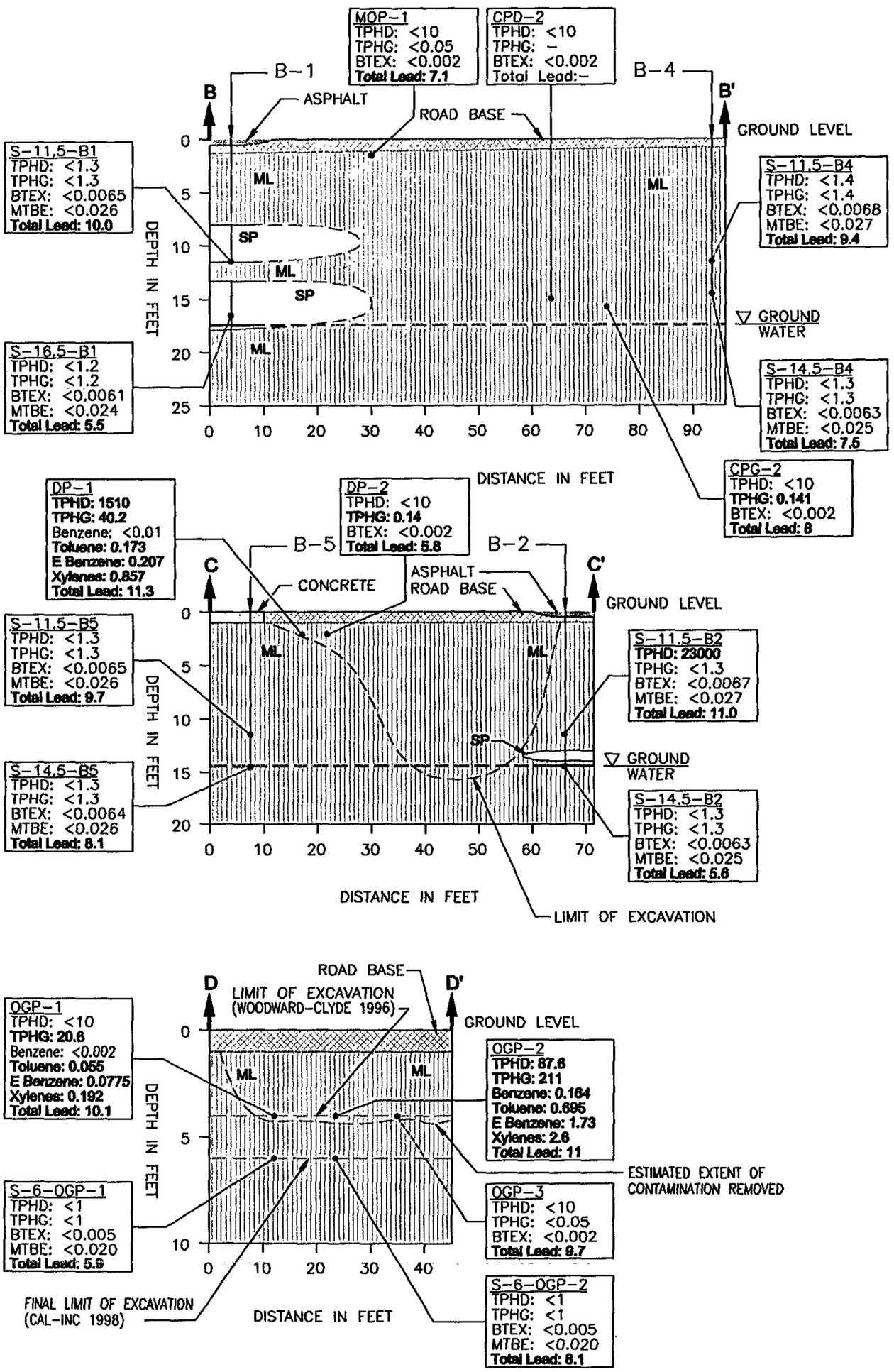
CAL ENVIRONMENTAL INC

2809	JWB	9/18/98
9/23/98	2809F07.DWG	1"=20'

BLDG 888: SOIL STOCKPILE SAMPLES
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

FIG. 7


AC PAVING
MONROE AVENUE
DIRT
DIRT
FORMER WASTE OIL TANK
WO-1
CONC.
ABANDONED BUILDING
DIRT/GRAVEL
ESTIMATED DIRECTION OF GROUNDWATER FLOW
DIRT
BROKEN AC
S-5-DP-1
TPHD: 370
TPHG: 36
Benzene:<0.010
Toluene: 0.042
E Benzene: 0.045
m,p-Xylene: 0.074
o-Xylene: 0.160
MTBE: <0.040
Total Lead: 9.69
S-6-OGP-2
TPHD: <1
TPHG: <1
BTEX: <0.005
MTBE: <0.020
Total Lead: 8.1
BROKEN AC
B-5
C
C'
B'
D
D'
DP-1
DP-2
B-4
OPG-1
OPG-2
OPG-3
BROKEN AC
GATE
FORMER UNDERGROUND GAS STORAGE TANK
S-6-OGP-1
TPHD: <1
TPHG: <1
BTEX: <0.005
MTBE: <0.020
Total Lead: 5.9
GRAVEL
CPD-2
CPG-2
MOP-1
MOP-2
B-3
DIRT
CPD-1
FORMER UNDERGROUND DIESEL STORAGE TANK
B
B-1
CPG-1
B-2
BROKEN AC
CONCRETE BROKEN/SAWED
GATE
GATE
N
AC PAVING
4th STREET
AC PAVING
LEGEND:
B-1 SOIL BORING LOCATION
S-5-DP-1 SOIL SAMPLE LOCATION
CPG-1 PREVIOUS SOIL SAMPLE LOCATION
DESCRIPTION
ELEVATION (FT MSL)
B-1 352.34
B-2 352.51
B-3 352.58
B-4 353.15
B-5 353.82
SCALE:
0
20
40 FT
CAL INC
2809
JWB
9/18/98
10/5/98
2809FIG8.DWG
1"=20'
BUILDING 888: SOIL BORING LOCATIONS
CAMP PARKS IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA
FIG. 8



LEGEND:

ML CLAYEY SILT SP SAND • SOIL SAMPLE LOCATION	TPHD= Total extractable Petroleum Hydrocarbons as Diesel (EPA 8015M) TPHG= Total extractable Petroleum Hydrocarbons as Gas (EPA 8015M) BT/BTE/BTEX= Benzene, Toluene, Ethyl Benzene, Xylene, as indicated/included (EPA 8020) MTBE= Methyl Tert-Butyl Ether *UNITS ARE IN mg/kg(ppm).*

CAL INC

BLDG 888: GEOLOGIC CROSS SECTIONS
CAMP PARKS, IN DUBLIN
ALAMEDA COUNTY, CALIFORNIA

JOB NUMBER	2809
DRAWN BY	JWB
DATE	9/18/98
SCALE	AS SHOWN
CHECK	

FIG. 9

companies, and private and public organizations. The Building 888 site is located along the east-central border of PRFTA at the intersection of Monroe and 4th streets (Figure 2). The site is an inactive fuel distribution station consisting of two pump dispenser islands, an oil-water separator, two 10,000-gallon USTs and one 500-gallon UST, and Building 888 (Figure 3). The site is enclosed within a chain-link fence with two access gates.

TANK REMOVAL ACTIVITIES

On July 2, 1996, Woodward-Clyde observed the removal of two 10,000-gallon, and one 500-gallon steel USTs that were reportedly installed in 1951, from POL Point-Building 888. The two 10,000-gallon USTs reportedly contained diesel and leaded gasoline, and the 500-gallon UST contained waste oil. The tank removal and soil sampling activities were directed by ACEHS. The tank removal was performed by IT Corporation of San Jose, California, under contract with Woodward-Clyde. The USTs were transported by Erickson Trucking to their Richmond, California facility under uniform hazardous waste manifest numbers 95780703 and 95780704.

Tank product piping and two pump dispensers were located just west of the two 10,000-gallon USTs. The 500-gallon waste oil UST was located adjacent to the northwest corner of Building 888. No visible holes were observed in the two-inch diameter product piping, that were connected to the existing pump dispensers. The pump dispensers were operated by suction. An older set of fuel product piping that was previously connected to one of the existing pump dispensers was also discovered. Several holes measuring up to 0.25-inch in diameter were observed in this older piping. A segment of the older product lines appeared to be connected to a former pump dispenser which is no longer present. No cathodic protection devices were observed for the tanks or their appurtances. Approximately 30 cubic yards of soil was removed from the older set of fuel product piping excavation and stockpiled in front of Building 888. Soil excavated from the active product pipeline was placed with the stockpile from the fuel USTs excavation.

Both 10,000-gallon tanks had a diameter of 8-feet and a length of 28-feet. The waste oil tank had a diameter of 4-feet and a length of 6-feet. Approximately 400-gallons of waste-oil and water were removed from the 500-gallon UST and 300-gallons of product were removed from the fuel tanks prior to triple-rinse cleaning. The rinseate was transported by Universal Engineering of Benicia, California to PRC in Patterson, California, under non-hazardous

waste manifest number 1258. Copies of the tank and rinseate manifests are provided in Appendix A.

The USTs were inerted with dry ice prior to their removal from the excavation. The tanks were measured for percent Lower Explosivity Limit (LEL) and percent oxygen using a combustible gas indicator. The LEL values and percent oxygen readings were evaluated by ACEHS and PRFTA Fire Department personnel. Authorization for the removal of the USTs from their excavations was granted by ACEHS.

Discolored soil was observed around the fill pipe during excavation activities around the fill end of the diesel tank. Upon removal of the three USTs, the tanks were inspected for holes and condition. All three USTs appeared to be in good condition with no apparent holes or corrosion. The fuel tank bottoms were located at a depth of approximately 12-feet below ground surface (bgs). No groundwater was observed in the excavation. Approximately 150 cubic yards of soil was removed from the fuel USTs excavation and stockpiled east of Building 888. The waste oil UST bottom was located at a depth of 6-feet bgs. Approximately 20 cubic yards of soil was excavated from the waste oil UST excavation and stockpiled to the south and north.

SOIL SAMPLING PROCEDURES

The general soil sampling procedures were conducted in the following manner. Soil samples were collected by Woodward-Clyde at the direction of Ms. Eva Chu of ACEHS after the tank removal activities. A backhoe was used to collect the soil samples from the bottom of the fuel USTs excavation below the former location of each tank end. One soil sample was collected from below the center of the waste oil UST. Soil samples were collected by scraping away 1 to 2 feet in the area of the backhoe teeth, at a chosen "most representative" sample point. Samples were collected by pushing a clean brass liner into the sample point area until full, then placing a Teflon sheeting and plastic endcap over each end, labeling it with sample number, time and date, then placing on blue ice in an ice chest until the samples could be transported under chain of custody procedures to a HAZWRAP and California certified analytical laboratory.

Two soil samples were collected from below each of the two fuel USTs. Samples collected from below the diesel UST were analyzed for Total Petroleum Hydrocarbons (TPH) as diesel

using modified EPA Method 8015 and benzene, tol...
using EPA Method 8020. Samples collected below the gasoline ...
as gasoline using modified EPA Method 8015, BTEX, and lead using ...
One soil sample was collected from below the waste oil tank and analyzed for TPH...
TPH as gasoline, BTEX, Oil and Grease using SM 503E/5520F, Volatile Halocarbons using EPA Method 8010, Extractable Organics using EPA Method 8270B, and Leaking Underground Fuel Tank (LUFT) metals: cadmium, chromium, lead, nickel and zinc using EPA Method 6010. Four soil samples were collected from below the existing product piping lines and three additional samples were collected from below the older set of product lines. The product piping soil samples were analyzed for TPH as gasoline, TPH as diesel, BTEX, and lead. Sample locations are shown in Figure 4.

SAMPLE COLLECTION AND ANALYSIS

Soil sample CPD-1 was collected beneath the south end of the former location of the diesel UST at a depth of 14.5 feet bgs. Laboratory analysis of sample CPD-1 showed concentrations of benzene and toluene were not detected above the analytical laboratory reporting limit. Detectable concentrations of 2.94 mg/Kg (parts per million-ppm) ethylbenzene, 16.3 mg/Kg xylenes, and 937 mg/Kg TPH as diesel were reported in sample CPD-1. Soil sample CPD-2 was collected from beneath the north end of the former location of the diesel UST at a depth of 16 feet bgs. Laboratory analysis of sample CPD-2 showed concentrations of TPH as diesel and BTEX were not detected above the analytical laboratory reporting limit. Analytical results of soil samples collected from below the fuel USTs and fuel product piping are shown in Table 1. The analytical laboratory reports are provided in Appendix B.

Soil sample CPG-1 was collected from beneath the south end of the former location of the gasoline UST at a depth of 16 feet bgs. Laboratory analysis of sample CPG-1 showed concentrations of TPH as diesel and BTEX were not detected above the analytical laboratory reporting limit. Detectable concentrations of 0.071 mg/Kg TPH as gasoline and 7 mg/Kg lead were reported in sample CPG-1. Soil sample CPG-2 was collected from beneath the north end of the former location of gasoline UST at a depth of 16 feet bgs. Laboratory analysis of sample CPG-2 showed concentrations of TPH as diesel and BTEX were not detected above the analytical laboratory reporting limit. Detectable concentrations of 0.141 mg/Kg TPH as gasoline and 8 mg/Kg lead were reported in sample CPG-2 (Table 1).

Soil samples MOP-1 and MOP-2 were collected from beneath the existing fuel product piping of the gasoline pump dispenser at a depth of 1.5 feet bgs. Sample MOP-1 was collected from the west end of the excavated trench, and MOP-2 was collected from the east end (Figure 4). Laboratory analysis of samples MOP-1 and MOP-2 showed concentrations of TPH as diesel, TPH as gasoline, and BTEX were not detected above the analytical laboratory reporting limit. Detectable concentrations of 7.1 mg/Kg and 10.4 mg/Kg lead were reported in samples MOP-1 and MOP-2 respectively.

Soil samples DP-1 and DP-2 were collected from beneath the existing fuel product piping of the diesel pump dispenser at a depth of 2 feet bgs. Sample DP-1 was collected from the west end of the excavated trench, and DP-2 was collected from the east end (Figure 4). Sample DP-1 contained detectable concentrations of 1510 mg/Kg TPH as diesel, 40.2 mg/Kg TPH as gasoline, 0.173 mg/Kg toluene, 0.207 mg/Kg ethylbenzene, 0.857 mg/Kg xylenes, 11.3 mg/Kg lead. Laboratory analysis of sample DP-1 showed concentrations of benzene were not detected above the analytical laboratory reporting limit. Laboratory analysis of sample DP-2 showed concentrations of TPH as diesel and BTEX were not detected above the analytical laboratory reporting limit. Detectable concentrations of 0.14 mg/Kg TPH as gasoline, and 5.8 mg/Kg lead were reported in sample DP-2 .

Soil samples OGP-1, OGP-2, and OGP-3 were collected from below the older set of fuel product lines that were discovered when exposing the north end of the gasoline UST. The excavation trench of the older piping located in the center of the pump island concrete pad , extended from the west edge of the concrete pad to the UST excavation. Discolored soil was observed within the west end of the old piping trench excavation. Sample OGP-1 collected at a depth of 4 feet bgs from the west end of the trench excavation, exhibited a dark green discoloration and slight petroleum hydrocarbon-like odor. Sample OGP-1 contained detectable concentrations of 20.6 mg/Kg TPH as gasoline, 0.055 mg/Kg toluene, 0.0775 mg/Kg ethylbenzene, 0.192 mg/Kg xylenes, and 10.1 mg/Kg lead. Laboratory analysis of sample OGP-1 showed concentrations of TPH as diesel and benzene were not detected above the analytical laboratory reporting limit.

Soil sample OGP-2 collected at a depth of 4 feet bgs from the center of the old piping trench excavation, exhibited a green discoloration and slight petroleum hydrocarbon-like odor. Sample OGP-2 contained detectable concentrations of 87.6 mg/Kg TPH as diesel, 211 mg/Kg

TPH as gasoline, 0.164 mg/Kg benzene, 0.695 mg/Kg toluene, 1.73 mg/Kg ethylbenzene, 2.6 mg/Kg xylenes, and 11 mg/Kg lead. Soil sample OGP-3 collected at a depth of 4 feet bgs from the east end of the trench excavation contained detectabale concentration of 9.7 mg/Kg lead. Laboratory analysis of sample OGP-3 showed concentrations of TPH as diesel, TPH as gasoline, and BTEX were not detected above the analytical laboratory reporting limit.

Soil sample WO-1 was collected from beneath the center of the waste oil UST at a depth of 8.5 feet bgs. Laboratory analysis of sample WO-1 showed concentrations of volatile halocarbons, extractable organics, TPH as diesel, TPH as gasoline, BTEX, and lead were not detected above the analytical laboratory reporting limit. Detectable concentrations of 28 mg/Kg oil and grease, 7.51 mg/Kg cadmium, 35.9 mg/Kg chromium, 38.4 mg/Kg nickel, and 48.7 mg/Kg zinc were reported in sample WO-1. Analytical results of WO-1 are summarized in Table 2.

STOCKPILE SAMPLING AND ANALYSIS

A total of approximately 150 cubic yards of soil was removed from the fuel USTs excavation. Approximately 25 cubic yards of the 150 appeared to be contaminated with petroleum hydrocarbons based on olfactory odors and stained soil. Soil sample DSTP-1 was collected from the petroleum hydrocarbon contaminated soil removed from the fuel UST excavation. Approximately 30 cubic yards of soil was excavated from the older set of fuel product piping that was discovered during tank excavation activities. Samples GPSTP-1 and GPSTP-2 were collected from the old pipeline excavation stockpile.

Labortory analysis of sample DSTP-1 showed concentrations of BTEX were not detected above the analytical laboratory reporting limit. Detectable concentration of 76.8 mg/Kg TPH as diesel was reported in sample DSTP-1. Sample GPSTP-1 contained detectable concentrations of 35.7 mg/Kg TPH as diesel, 1.38 mg/Kg TPH as gasoline, 0.0173 mg/Kg toluene, 0.0317 mg/Kg xylenes, and 10.1 mg/Kg lead. Laboratory analysis of sample GPSTP-1 showed concentrations of benzene and ethylbenzene were not detected above the analytical laboratory reporting limit. Laboratory analysis of sample GPSTP-2 showed concentrations of TPH as diesel, TPH as gasoline, and BTEX were not detected above the analytical laboratory reporting limit. Detectable concentration of 11 mg/Kg lead was reported in sample GPSTP-2.

CONCLUSIONS

Based on the analytical laboratory results of the four soil samples collected below the fuel USTs, an area of diesel contaminated soil remains at the bottom of the south end of the tank excavation at a depth of 14.5 feet bgs near the former location of the diesel UST. Laboratory results also indicate that oil and grease contaminated soil remains in the waste oil UST excavation at a depth of 8.5 feet bgs. Areas of petroleum hydrocarbon contamination exist in the piping trench excavations. Two areas (west and central) are within the older set of product pipeline trench at a depth of 4 feet bgs. One additional area is the west end of the diesel pipeline trench at a depth of 2 feet bgs.

Woodward-Clyde requests from ACEHS appropriate action and clean-up levels for the Building 888 site. If you have any questions regarding this letter report, please call William Loskutoff at (916) 368-0988 or Joe Morgan at (510) 874-3201.

Very truly yours,

WOODWARD-CLYDE

William Loskutoff
Project Geologist

cc: James Wilkins (HAZWRAP-Oakridge)
Marshall Marik (Parks RFTA)
Joe Morgan (WC-Oakland)
Rich Beyak (WC-Oakridge)

Attachments: Table 1 - Analytical Results Fuel USTs, Piping, Stockpiles
Table 2 - Analytical Results Waste Oil UST Sample
Figure 1 - Location Map
Figure 2 - Site Location Map
Figure 3 - Site Map

Table 1 Analytical Results of Soil Samples Collected During Tank Removal Activities, July 2, 1996, POL Point Building 888, Parks RFTA, Dublin, California. All results are in mg/Kg (parts per million-ppm).

Sample Number	Location	Depth in Feet (bgs)	TPH as Diesel (1)	TPH as gasoline (1)	Benzene (2)	Toluene (2)	Ethyl-benzene (2)	Xylenes (2)	Lead (3)
CPD-1	South end Diesel UST	14.5	937 (4)	NA	<0.1 (5)	<0.1	2.94	16.3	NA
CPD-2	North end Diesel UST	15	<10	NA	<0.002	<0.002	<0.002	<0.002	NA
CPG-1	South end Gasoline UST	16	<10	0.071	<0.002	<0.002	<0.002	<0.002	7
CPG-2	North end Gasoline UST	16	<10	0.141	<0.002	<0.002	<0.002	<0.002	8
MOP-1	West end gas pipeline	1.5	<10	<0.05	<0.002	<0.002	<0.002	<0.002	7.1
MOP-2	East end gas pipeline	1.5	<10	<0.05	<0.002	<0.002	<0.002	<0.002	10.4
DP-1	West end diesel pipeline	2	1510	40.2	<0.01	0.173	0.207	0.857	11.3
DP-2	East end diesel pipeline	2	<10	0.14	<0.002	<0.002	<0.002	<0.002	5.8
OGP-1	West end old gas pipeline	4	<10	20.6	<0.002	0.055	0.0775	0.192	10.1
OGP-2	Center of old gas pipeline	4	87.6	21.1	0.164	0.695	1.73	2.6	11
OGP-3	East end of old gas pipeline	4	<10	<0.05	<0.002	<0.002	<0.002	<0.002	9.7
DSTP-1	Diesel Stockpile		76.8	NA	<0.002	<0.002	<0.002	<0.002	NA
GPSTP-1	Old gas pipeline Stockpile		35.7	1.38	<0.002	0.0173	<0.002	0.0317	10.1
GPSTP-2	"		<10	<0.05	<0.002	<0.002	<0.002	<0.002	11

Notes:

1) Total Petroleum Hydrocarbons (TPH) as diesel and as gasoline using modified EPA Method 8015.
2) Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) using EPA Method 8020.
3) Total Lead using EPA Method 6010.
4) Shaded cells highlight concentrations detected at or above the analytical laboratory reporting limit.
5) <0.1 = Not detected at or above analytical laboratory reporting limit.

Table 2 Analytical Results of Soil Sample WO-1 Collected Below Waste Oil UST (8.5 feet bgs), July 2, 1996, POL Point Building 888, Parks RFTA, Dublin, California. All results are in mg/Kg (parts per million-ppm).

Volatile Halocarbons (1)	Extractable Organics (2)	Oil and Grease (3)	TPH as Diesel (4)	TPH as gasoline (4)	BTEX (5) Compounds	LUFT Metals (6)				
						Cadmium	Chromium	Lead	Nickel	Zinc
ND (8)	ND	28 (7)	<10 (9)	<0.05	ND	7.51	35.9	<10	38.4	48.7

Notes:

1) Volatile Halocarbons using EPA Method 8010
2) Acid/Base-Neutral Extractable Organics using EPA Method 8270B
3) Extractable Hydrocarbons (Oil and Grease) using SM 503E/5520F.
4) Total Petroleum Hydrocarbons (TPH) as diesel and as gasoline using modified EPA Method 8015.
5) Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) using EPA Method 8020.
6) LUFT Metals using EPA Method 6010.
7) Shaded cells highlight concentrations detected at or above the analytical laboratory reporting limit.
8) ND = Not detected at or above analytical laboratory reporting limit for all analytes reported.
9) <10 = Not detected at or above analytical laboratory reporting limit.

SUMMARY TABLE FOR SITES UNDERGOING INVESTIGATION

SUMMARY OF SOIL AND GROUNDWATER RESULTS
Camp Parks Reserve Forces Training Area, Dublin, California

Sampling Location	Sample Description	Sample Date	Media	Analytical Method	Analyte (mg/kg for soil and mg/L for groundwater)								
					Lead	TPH (diesel)	TPH (hydraulic fluid)	TPH (gas)	MtBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes
Building 200													
B200-P1	Under piping, 2-3 ft bgs	35517	Soil	EPA 8015M/8020	—	ND	—	—	ND	ND	ND	ND	ND
B200-O1CC	In road base on E side of Bldg, 1-2 ft bgs	35517	Soil	EPA 8015M/8020	—	ND	—	—	ND	ND	ND	ND	ND
B200-O4CC	In road base on NW corner of Bldg, 1-2 ft bgs	35517	Soil	EPA 8015M/8020	—	270	—	—	ND	ND	ND	0.06	0.36
B200-B1	Bottom of excavation, 7-9 ft bgs	35517	Soil	EPA 8015M/8020	—	4100	—	—	ND	ND	ND	0.23	0.96
B200-C1	Composite sample of excavated soil	35517	Soil	EPA 8015M/8020	—	670	—	—	ND	ND	ND	ND	0.06
Building 888													
B888-1GW	Groundwater sample collected from excavation 24hrs after detection	35521	Water	EPA 8015M/8020/6010	ND	0.84	—	82	—	ND	0.58	1.7	10.1
B888-1S-11SW	S sidewall sample at 11 ft bgs	35521	Soil	EPA 8015M/8020/6010	13	ND	—	ND	—	0.0018	0.0037	ND	ND
B888-2S-19SW	S sidewall sample at 19 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	—	16	—	ND	0.042	0.12	1.02
B888-1C-GD	Composite sample of excavated soil (gas & diesel excavation)	35521	Soil	EPA 8015M/8020/6010	11	7.3	—	130	—	ND	0.089	0.22	4.6
B888-2C-HF	Composite sample of excavated soil (hydraulic lift excavations)	35521	Soil	EPA 8015M	—	—	5100	—	—	—	—	—	—
B888-3S-GT8	Gas trench bottom sample, N side, 8-9 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	—	ND	—	ND	0.0035	ND	ND
B888-4S-GT8	Gas trench bottom sample, S side, 8-9 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	—	56	—	ND	0.0055	0.021	0.042
B888-5S-DT4	Diesel trench bottom sample, 4-5 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	960	—	160	—	0.0052	0.004	0.35	0.033

General Notes
"—" = Not analyzed
ND = Not detected

CAL INC

DAILY QUALITY CONTROL REPORT

Daily Report No.: 01 Date: 2/9/98

Contract No.: DACA05-95-D-0014

Project Title & Location: Camp Parks RFTA

Weather: Partly Cloudy Precipitation: — in. Temp: 40 Min. 60 Max.

1. Contract/Subcontractors and Area of Responsibility:

NUMBER:	TRADE:	HOURS:	EMPLOYER:	LOCATION/DESCRIPTION WORK
01	Pri Mg	7	CalFac	Bldg 888
01	Equip Oper	7	CalFac	Bldg 888
01	Labor	7	CalFac	Bldg 888

2. Operating Plant or Equipment. (Not hand tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Backhoe	2/9/98		4	3	
Hand Compactor	2/9/98			1	

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Import pea gravel (69.18 tons
Dispose soil

4. Results of control activities: (Indicate whether P - Preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete attachment 1-A or 1B, respectively. When network analysis system is used, identify work by use of I-J numbers.)

None

5. Test performed as required by plans and/or specifications:

None

6. Material received:

Pea gravel

7. Submittals Reviewed: None

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Offsite surveillance activities, including action taken:

None

9. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

Level D safety equipment

10. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications).

Arrived @ 900 checked in with Jay and Marshal of Camps Parks. 1045 Began loading TRUCK 11:15-1230 Standby waiting for Trucks called Dillard. 1st Truck arrived @ 1040. TRUCK driver unloaded pea gravel. Moved soil IBHD Second Truck arrived unloaded pea gravel and loaded soil. Apparently Trucks are having trouble unloading soil @ BFI due to wet soil. I was informed that dillard could not import soil borrow

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site — Date: 2/9/98

due to soil being to wet. Dillard suggested we use sand or A/B material for the top five feet

I talked to Marshall regarding the use of sand and A/B. Marshall discussed the options with public works dept. Public works Dept approved the use of A/B. No more additional Trucks arrived @ 1600 we unloaded pea gravel and left

CAL INC

DAILY QUALITY CONTROL REPORT

Daily Report No.: 02 Date: 2/10/98

Contract No.: DACA05-97-D-0014

Project Title & Location: Camp Pendleton

Weather: Cloudy Precipitation: _____ in. Temp: 40 Min. 60 Max.

1. Contract/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION WORK
01	Pipefitter	9	Cal Inc	Building 888
01	Oper	9	Cal Inc	Building 883
01	Labore	9	Cal Inc	

2. Operating Plant or Equipment. (Not hand tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Backhoe	2/9/98		9		
Compactor	2/9/98			9	

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

import pea gravel
dispose of soil impacted with hydrocarbon
dispose of concrete

4. Results of control activities: (Indicate whether P - Preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete attachment 1-A or 1B, respectively. When network analysis system is used, identify work by use of I-J numbers.)

None

5. Test performed as required by plans and/or specifications:

None

6. Material received:

Pea gravel

7. Submittals Reviewed: None

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Offsite surveillance activities, including action taken:

None

9. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

2/9/98 Level D

10. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications).

Arrived @ 730 setup to load concrete 1st truck arrived @ 830, 915 2nd Truck ready for concrete 950 3rd Truck with pea gravel and topsoil. Loaded a total of 10 Trucks Imported approximately 182.2 tons of pea gravel and 24.10 ton of A/B material

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site — Date: 2-10-98

CAL INC

DAILY QUALITY CONTROL REPORT

Daily Report No.: 03 Date: 2-1-98

Contract No.:

Project Title & Location: DACA05-97-D-0014

Weather: Cloudy Precipitation: _____ in. Temp: 40 Min. 60 Max.

1. Contract/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION WORK
01	Pt Mgr	8	Cal Inc	Bldg 888
01	Equip Oper	8	Cal Inc	Bldg 888
01	Laborer	8	Cal Inc	Bldg 888

2. Operating Plant or Equipment. (Not hand tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Backhoe	2/9/98		8		
Compactor	2/9/98			8	

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

unloaded A/B material
Load imported soil

4. Results of control activities: (Indicate whether P - Preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete attachment 1-A or 1B, respectively. When network analysis system is used, identify work by use of I-J numbers.)

None

5. Test performed as required by plans and/or specifications:

None

6. Material received:

A/B material

7. Submittals Reviewed: None

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Offsite surveillance activities, including action taken:

None

9. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

2/9/98 Level D

10. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications).

7:30 Began unloading A/B material and load with impacted soil. Estimated approximately 300 tons of soil removed. I informed Marshall Herrick about a change order. Marshall called the US Army Corps of Engineers. Marshall informed me that the authorization would come from the US Army Corps once Cal Fire and Corps agreed. At 1200 recieved final A/B material and told Travis drivers to leave for the day.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site — Date: 2-11-98

I told them I would notify them once we recieved the authorization from the U.S. Army Corps. We began Laying fabric liner and began backfilling cavity

CAL INC

DAILY QUALITY CONTROL REPORT

Daily Report No.: 04 Date: 2/12/98

Contract No.: DACA05-97-D-0014

Project Title & Location: Camp Parks

Weather: Rainy Precipitation: 0.5in in. Temp: 40 Min. 60 Max.

1. Contract/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION WORK
01	Prj Mgr	7.5	Cal Inc	Bldg 888
01	Equip Oper	7.5	Cal Inc	Bldg 888
01	Labore	7.5	Cal Inc	Bldg 888

2. Operating Plant or Equipment. (Not hand tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Backhoe	2/9/98		7.5		
Compactor	2/9/98		1.0	6.5	

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Backfill tank cavity w pea gravel

4. Results of control activities: (Indicate whether P - Preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete attachment 1-A or 1B, respectively. When network analysis system is used, identify work by use of I-J numbers.)

None

5. Test performed as required by plans and/or specifications:

None

6. Material received:

None

7. Submittals Reviewed: None

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Offsite surveillance activities, including action taken:

None

9. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

2/9/98 Level D

10. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications).

Arrived @ 800 Continued backfilling former UST
1420 After laying pea gravel and additional fabric liner
began backfilling with A-B material
1600 left site

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Charles Rook 2-12-98

Authorized CQC Rep at Site Date

CAL INC

DAILY QUALITY CONTROL REPORT

Daily Report No.: 05 Date: 2/13/98

Contract No.: DACA05-97-D-0014

Project Title & Location: Camp Parks

Weather: Partly Cldy Precipitation: _____ in. Temp: 40 Min. 60 Max.

1. Contract/Subcontractors and Area of Responsibility:

NUMBER:	TRADE:	HOURS:	EMPLOYER:	LOCATION/DESCRIPTION WORK
01	Po Mj	8	Cal Inc	Bldg 888
01	Equip Op	8	Cal Inc	Bldg 888
01	Labore	8	Cal Inc	Bldg 888
01	Technician		KC Engineering	Bldg 888

2. Operating Plant or Equipment. (Not hand tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Bachoe	2/9		8		
Compactor	2/9		8		

3. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Lay A/B material
Compact A/B
perform compaction Test

4. Results of control activities: (Indicate whether P - Preparatory, I - Initial, or F - Follow-up Phase. When a P or I meeting is conducted, complete attachment 1-A or 1B, respectively. When network analysis system is used, identify work by use of I-J numbers.)

None

5. Test performed as required by plans and/or specifications:

None

6. Material received:

None

7. Submittals Reviewed: None

(a) Submittal No.	(b) Spec/Plan Reference	(c) By Whom	(d) Action

8. Offsite surveillance activities, including action taken:

None

9. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

2/9/98

10. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications).

Arrived @ 800 continued backfilling with A/B and perform compaction test. Backfilling with 12" lifts. 1200 Ransome compaction test and obtained readings of 83, 87, 90 and 91. Our goal was 95%. I talked to Marshall and Dave small about decreasing the compaction percentage 90%. Both DAVE and Marshall agreed. We tried to compact 1st layer and achieved

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Claudia Real 2-13-98

Authorized CQC Rep at Site Date

<90% in three area one are was below 90%. Due to poor equipment we stopped work

Daily Report for Camp Parks Backfill at gasstation site 27April98

Narratives:

- Placed about 100 to 125 tons of soil from remaining piles in hole and spread out placed about 25 tons of aggregate base rock to fill in lower areas. Removed plastic from soils where possible. About 1ft of depth remains to be filled w/base rock Consolidated Larger pieces of Concrete to one pile for disposal. Some smaller broken up pieces are still in pile along back fence. They are mixed w/soil. Still need to backfill holes in stations bay

Labor hours:

Company	Labor Classification	#emp	Hrs
- CALINC	operator	1.0	6.0

Equipment hours:

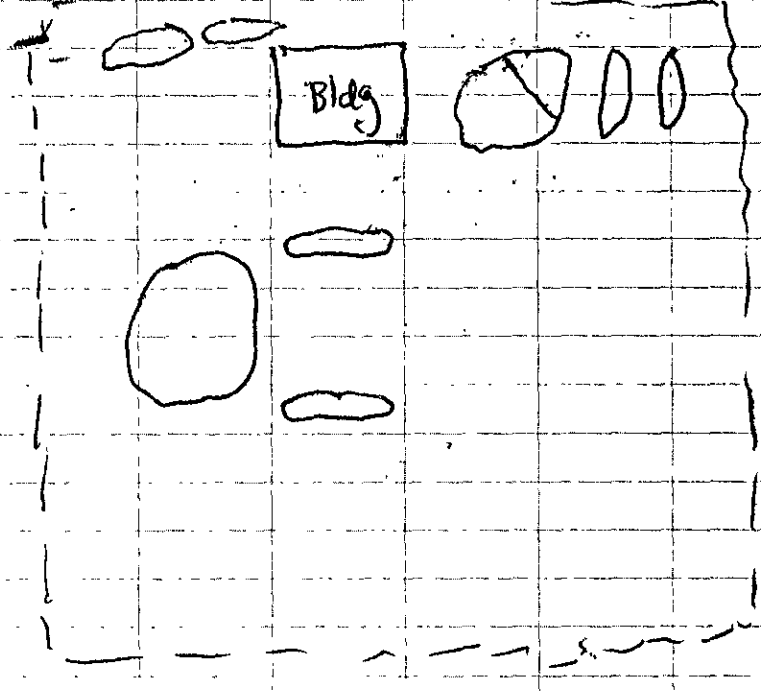
	hrs
John Deere backhoe	6.0

Safety Meeting:

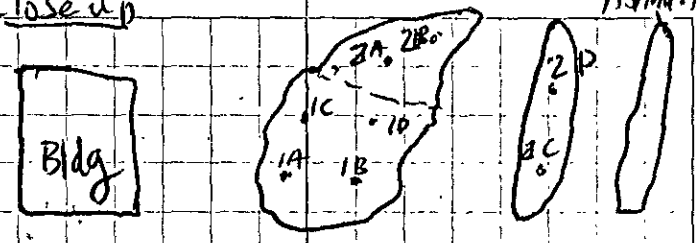
- I met with myself and discussed Safety and proper PPE

12-18-92

Arrived at Camp Park @ 1400
checked in with Marshal
Marik. Marshall was on a staff
meeting. Have to wait to
obtain key to Building 888
weather: Clear 58°F
1430 obtained keys to Bldg
888



Close up

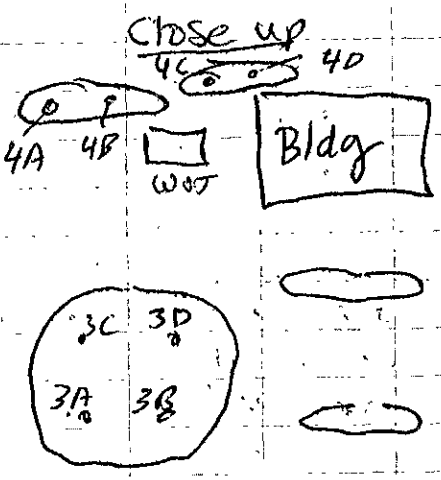


Decon procedure
1) Clean small shovel with alconox and water mixture
2) Clean tool with tap water (Rinse
3) Rinse tool with ultra-purified water

1545 Sampled S-1218-1A-D cleaned tool Cdecon

1515 Sampled S-1218-2A-D decon equipment as above

1520 Sampled Rinsate Blank



1530 Sampled S-1218-3A-3D
Decon equipment
1545 " S-1218-4A-4D(DUP)
Decon equipment

left site

Arrived @ 900 met with of camp marker and obtained keys to Building 888
930 Arrived at Building 888 observed water in trenches, so we created a trench to drain water into existing tank cavity
945 Called Dillard Trucking to inquire about trucks. Melissa said truck would be here at 1030.
1050 1st TRUCK arrived with 20a gravel unloaded gravel and began loading truck with impacted soil
1115-1215 Standby for Trucks
1335 Second truck onsite unloaded gravel and loaded soil
1405 finished loading truck moved soil to make more accessible
1438 Called Dillard to discuss delays from trucks. I was informed that it was difficult to remove soil from Trucks (soil to wet). therefore

taking additional time.
I was also informed that
they could not import soil borrow
due to soil being to wet. Dillard
suggested we use sand or A/B
Material. I told them I would
need verify with Marshall
1530 Talked to Marshall regarding
the use of sand or A/B. Marshall
had to verify with Public Works
Dept. Public works denied the
use of sand, but accepted
the use A/B
1600 secured site. One dillard
truck arrived and unloaded
peg gravel
Claudia

2-10-98

Arrived @ 730 setup to load concrete
830 first Truck arrived unloaded
pea gravel. TRUCK driver lined
the bed of the Truck
915 Loaded 1 Load of concrete
950 3rd TRUCK on site delievered
pea gravel. Loaded 3rd
TRUCK with soil
1030 finished loading 3rd TRUCK
1059 4th & 5th Truck onsite
Began Loading 4th TRUCK AFTER
He dropped off pea gravel
1145 Began Loading TRUCK #5 after
he dropped off pea gravel
1220 Finished loading 5th TRUCK
1240 6th TRUCK onsite Unloaded
pea gravel and Load soil
1310 Finished Load 6th truck
7th truck onsite Unloaded
pea gravel and began Loading
TRUCK
1350 finished loading 7th TRUCK
1400 8th TRUCK onsite unloaded pea gravel
Loaded soil

1420 finished loading 8th
1455 9th truck onsite unloaded pea gravel and loaded soil
1535 finished loading 9th Truck
1540 10th truck Onsite Unloaded AIB material
1610 finished Loading Truck

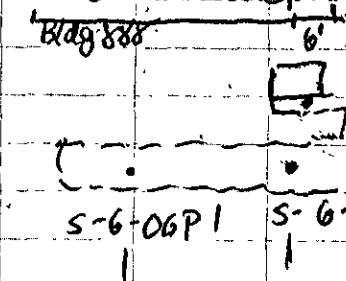
Claudia Ard

2-11-98

Arrived @ 730 1st Truck onsite unloaded AIB material
750 Cal Enc employes onsit began loading 1st Truck with impacted soil
After loading soil I estimated that we have removed approximately 380 ton of Contaminated soil. I called Joe Lerohn to discuss the possibility of doing a change order, since the total amount of soil remaining is approximately 400 tons. He asked that I inform Marshall Herick about the change order. He called the US Corps of Engineers to recieve authorization
940 Second Truck onsit unloaded AIB and loaded soil.
Talked to Marshall he informed me that authorization would discussed between the US CORPS and David Esparza of Cal Enc
9015 3rd Truck onsite unloaded AIB and instructed driver to bring more AIB. We would not load

any additional soil until we recieved authorization to proceed from the US ARMY CORPS of Engineer

1030 Set up to collect soil samples along forme product line and near diesel dispenser



1045 Sampled S-6-06P2 PID=4
S-6-06P2D (Complicate)

1100 Sampled S-5-DP1 PID=5

1110 Sampled S-6-06P1 PID=4
Removed approximately 10 y^3 of soil
Black staining discoloration was observed at approximately 4 feet along the bottom and side walls of the trenches and toward building beneath dispenser

1145 Unloaded two trucks with AIB material I informed Truck drivers to stop

importing AIB material until we recieved authorization to continue disposal of impacted soil

1215 Began backfilling Tank cavity Layed fabric liner at the south end of the Tank cavity
Imported approximately 135 tons of AIB material

1600 left site

Charlie Cox

12-12-98

Arrived @ 800 met with Carl of Curtis and Tompkins and relinquished soil samples and Chain of Custody. Began backfilling former UST with pea gravel

1200-1230 LUNCH

1230 Continued backfilling UST with pea gravel

1430 finished backfilling former UST with pea gravel. Pea gravel was layed to approximately 4-5 feet below surface grade. Continued to lay fabric liner and began backfilling with A/B material

1600 left site

12-13-98

Arrived @ 800 set up to continue laying A/B material and continued to compact

900 KC Engineering on site to collect and perform compaction test Procedures for compaction are as follow:

A) Lay A/B material in 12" lifts
B) compact A/B using reversible vibrating plate
C) Test for compaction

Note: Due to shape of the county some areas have less than 5 feet of A/B from surface

1200 Performed compaction test on the first lift and obtained levels of 83 & 87, 90 and 91 I talked to Marshall and Dave Small (Public works Dept of Camp Parks) to determine if 90% would be sufficient. They agreed that 90% would be sufficient

We compacted the soil one more time using a wacker (1 ft² pad). We checked for compaction. Three areas were above 90% and one area failed. We decided to stop work due to poor quality of the equipment.

KC engineer 9-3 pm

Claudia Aust

2-17-98

Arrived @ 1000 Woodward drilling onsite. Went over health and safety and scope of work.

1025 Setup to drill B1 (located NE of former UST hand augered to 5' bgs

1100 Began drilling

1115 Sampled S-7-B1 NO HC Odor PID=0

1127 Sampled S-11-B1 & S-11-B1 Duplicate NO HC Odor PID=0

1140 Sampled S-15-B1 NO HC ODOR PID=0

1150 Sampled S-21-B1 NO HC ODOR PID=0

Encountered GW at approximately 22'

1215-1300 LUNCH

1300 Setup to drill B2, drilled through approximately 7' of backfill

1335 Sampled S-12-B2 NO HC ODOR PID=0

1340 Sampled S-17-B2 NO HC ODOR PID=0

1350 Sampled S-21-B2 No HC
Set up to grout borings.

Grouted borings B1 & B2 Cleaned equipment.
1530 Left site

2-16-98

Arrived @ 7:30 set up to drill B3 SE corner of former UST hand augered. Based on USA markings move B3 south (due to gas line

840 Sampled S-6.5-B3 PID=0
845 Sampled S-11.5 B3 PID=0
850 " S-16.5-B3 PID=0
855 " S-20.5-B3 PID=0

Setup to insert hydropunch
hydropunch consist of placing 5' of 1" screen. The screen is placed and then the screen is exposed
Down to inserting casing and geoprobe hydropunch equipment was steam Cleaned. Bailer to collect water samples was steam cleaned,
Procedures for cleaning bailer
1) Steam clean
2) Rinse was ultrapurified water
3) Rinse was distilled water

905 Collected Rinsate Blank
1000 Sampled W-22-B3 and duplicate samples for TPHG/BTEX and total lead
1030 Setup to drill B4 and began drilling
1115 Sampled S-6.5-B4 PID=0
1125 " S-11.5-B4 PID=0
1135 " S-16.5-B4 PID=0
1140 " S-20.5-B4 PID=0
Set hydropunch see pg 17 for details decon procedure are described in pg 17.

1230 Sampled W-22-B4 collected duplicate for TPHD
Slow recharge finished sampling @1330
1330 setup to drill B5 (NW
1400 Sampled S-6.5-B5 PID=0
1405 Sampled S-11.5-B5 PID=0
1410 " S-16.5-B5 PID=0
1415 " S-20.5-B5 PID=0
1420 Setup to grout borings, grouted boring surface matched existing surface

1530 Left Site

Claudio Cox

5-18-98

Arrived @ 800 met with Curtis and Tompkins and recieved sample containers

8:30 Woodward drilling onsite Jake there to load water

9:15 went over safety plan and set up to drill B1. Each location was hand augered

9:30 Began drilling

940 Sampled S-6.5-B1
945 " S-11.5-B1
952 " S-16.5-B1
1000 " S-21.5-B1

Set to set hydropunch sampler
Decon equipment (Bailer) as
A) Rinse equip in Alconex and water
B) Rinse equip with TAP water
C) " " with Ultra purified water

1050 Sampled W-16-B1
1120 " W-16-B1 duplicate

1220 Clean up decon
1230 decon
1250 Began drilling B2
1300 Sampled S-6.5-B2
1310 " S-11.5-B2
S-11.5-B2 duplicate
1315 " S-14.5-B2
Set hydropunch @ 19' $H_2O \cong 15'$
slow recharge
1415 Sample W-15-B2
Removed augers steam cleaned

Claude

5-19-98

Arrived @ 800 met with Carol of Cirtis & Tompkins exchanged water coolers. I gave her the samples from yesterday

820 Woodward drilling onsite set up to drill B3 hand augered

840 Sampled S-6.5-B3
845 " S-11.5-B3
850 " S-14.5-B3
drove hydropunch to 19' and exposed screen
Decon equipment as follows
A) Wash with Alconox
B) Rinse with water
C) Rinse with Ultra purified water

930 Sampled DW-14-B3
1040 finished hydropunch sampling slow recharge
1045 Removed auger steam cleaned set up to drill B4

1130 - X200 - Downtime
1220 Sampled S-6.5-B4
1230 " S-11.5-B4
1236 " S-14.5-B4
remove auger steam clean setup to drill B5

1251 Began drilling B5
1300 Sampled S-6.5-B5
1305 " S-11.5-B5
1310 " S-14.5-B5
remove auger and steam clean

1320 Sampled S-05/9-1A, B composite samples

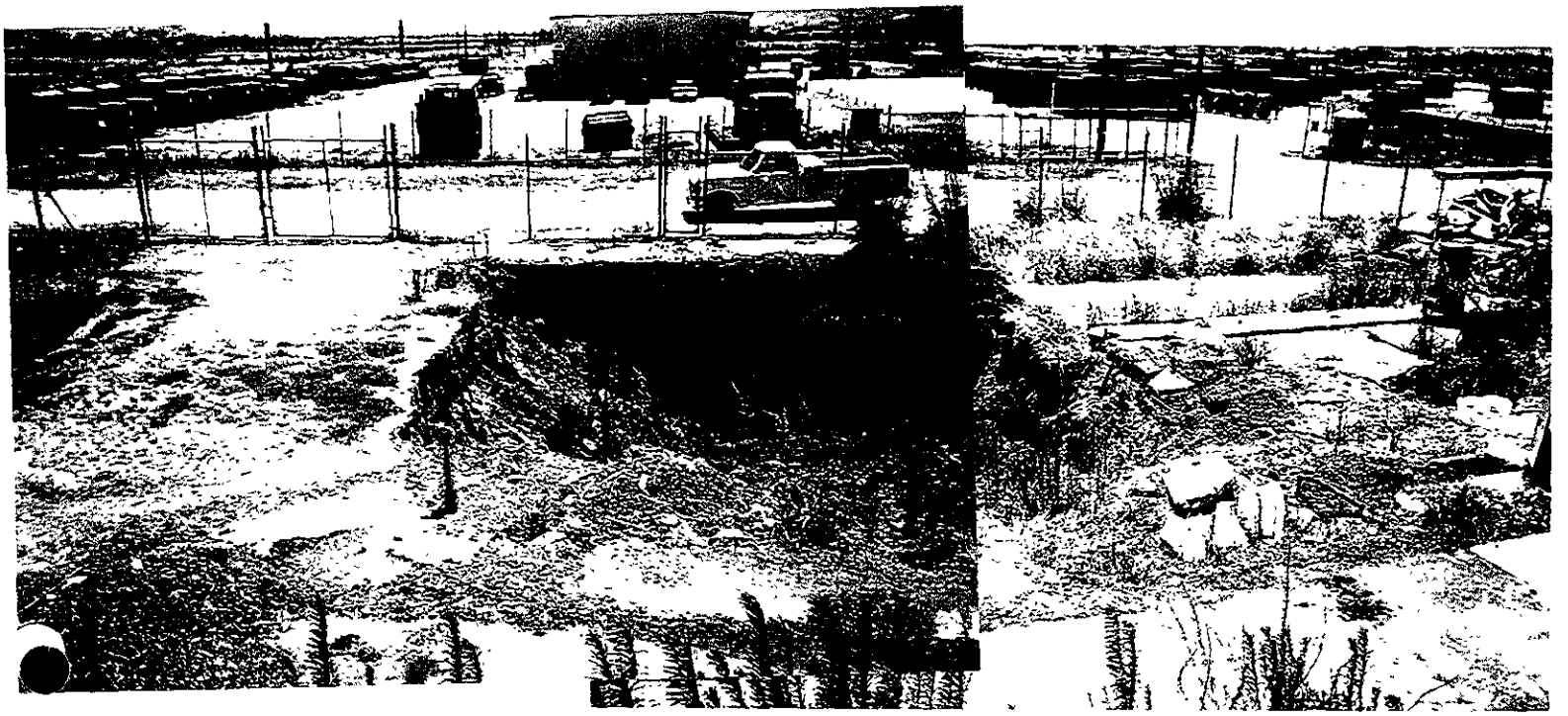
8-19-98

Arrived @ 10:00 met with
Jay Ritchie (Camp Parks RFTA)
to sign manifest.
1000 Dillard Trucking onsite
loaded stockpile located
at Bldg 200 & Bldg 888

1130 FWM onsite to remove
three drums of Decon waste

1200 left site

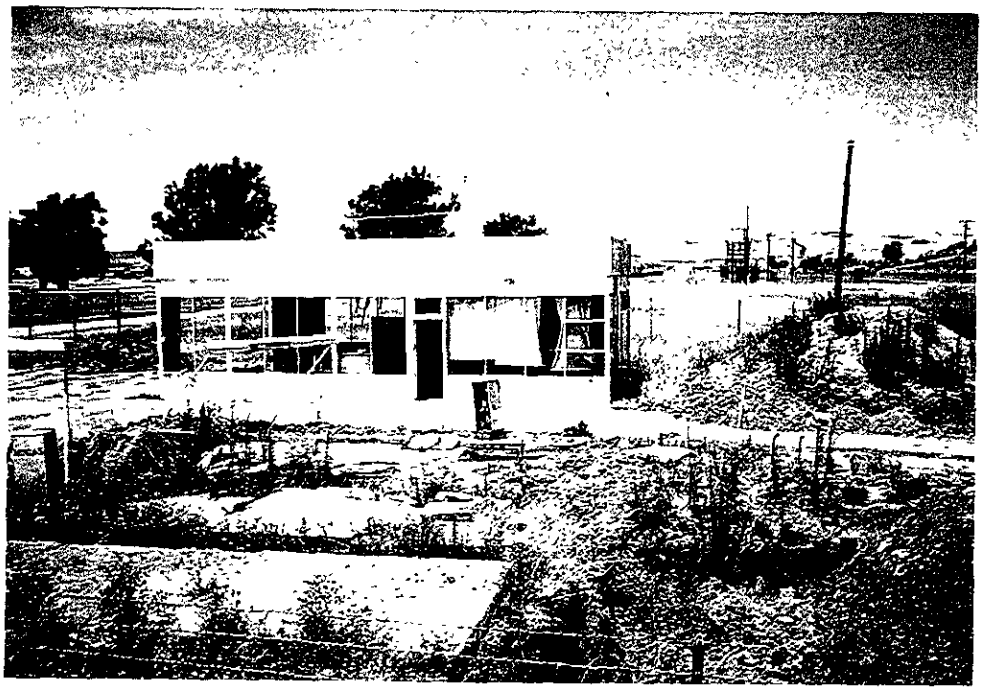
SITE PHOTOGRAPHS



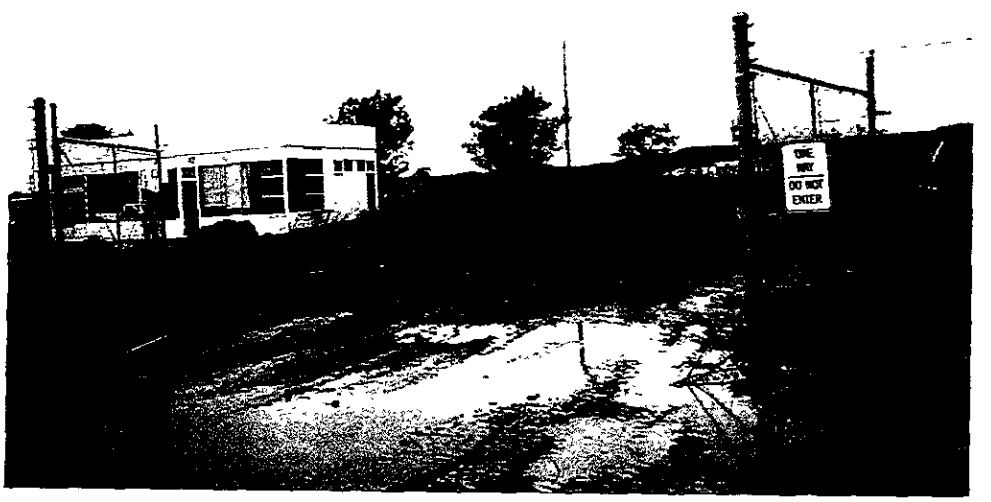
Northside view of the former UST at Building 888
June 1997

Eastside view of the former UST
Building 888 June 1997

SITE PHOTOGRAPHS

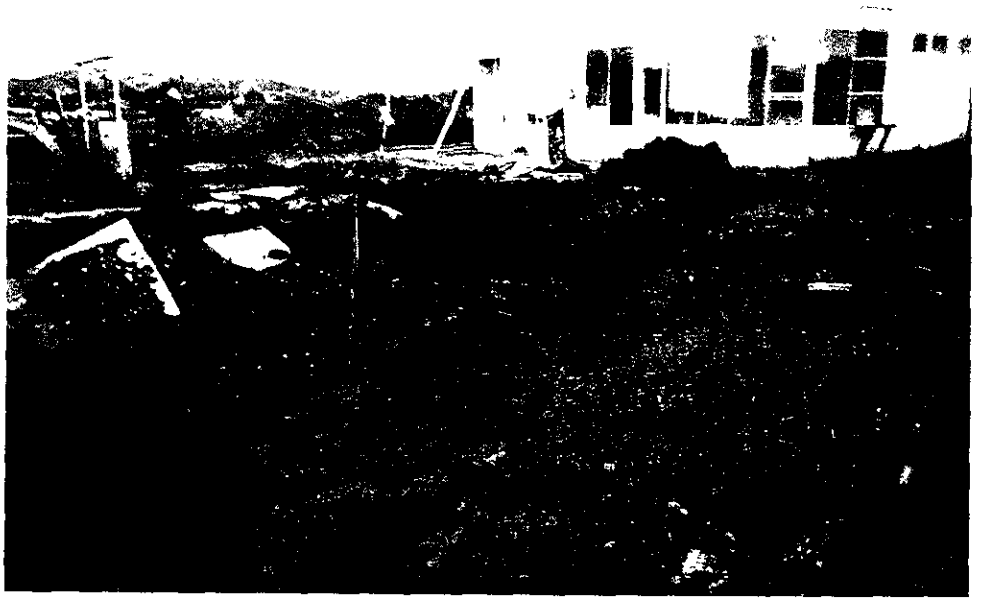


Southside view of Building 888 and Associated Dispensers
June 1997



Southside view of Stockpiled Soil at Building 888
February 9, 1998

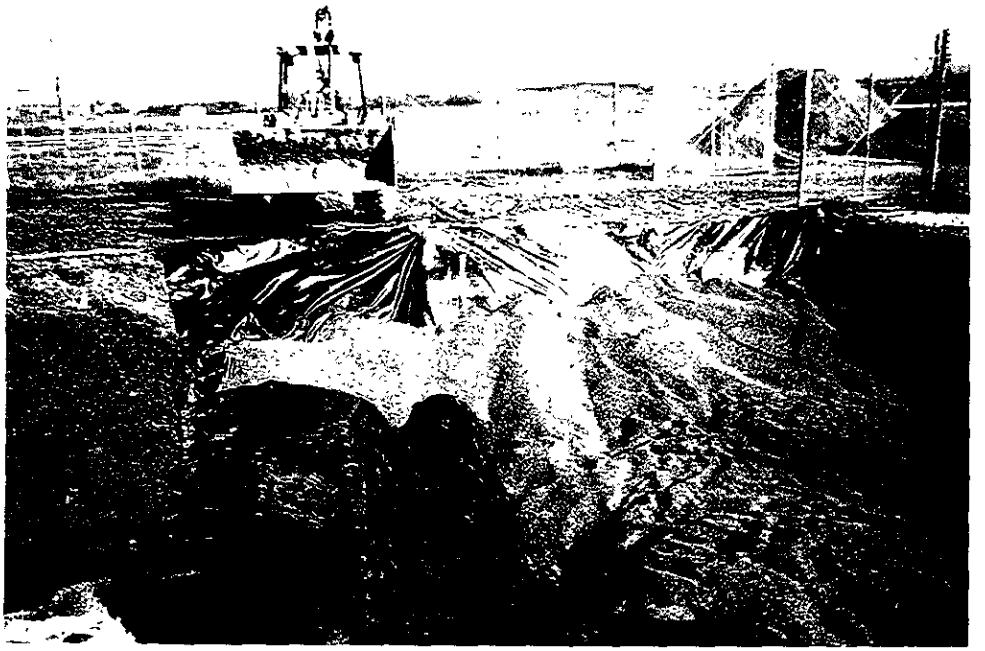
SITE PHOTOGRAPHS



Southeast view of former UST at Building 888
February 9, 1998

Westside view of Over-Excavation Activities at Building 888
February 11, 1998

SITE PHOTOGRAPHS



Westside view of Backfilling Activities at Building 888
February 11, 1998

Northside view of Backfilling Activities at Building 888
February 11, 1998

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE, PLEASANTON, CALIFORNIA 94588-5127 PHONE (510) 484-2600 X235
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Camp Parks Reserve Forces TRAING AREA (Bldg 200 & Bldg 888) Dublin, CA DOUGHERTY RD & 5TH ST/ MONROE AVE & 4TH ST.

California Coordinates Source _____ ft. Accuracy ± _____ ft.

CCN _____ ft. CCE _____ ft.

APN _____

CLIENT
Name US ARMY CORPS of Engineers
Address 1325 J street Phone 916-557-7862
City Sacramento Zip 95814

APPLICANT
Name CAL INC
CLAUDIO AVILA Fax 707-446-4906
Address 2040 Peabody Road Phone 707-446-7996
City Vacaville Zip 95687

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☒	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other monitoring	☒

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☒
Cable	☐	Other	☐		

DRILLER'S LICENSE NO. 710079
Woodward Drilling (707)-374-4300

WELL PROJECTS

Drill Hole Diameter	8 in.	Maximum Depth	20 ft.
Casing Diameter	2 in.		
Surface Seal Depth	8 ft.	Number	

GEOTECHNICAL PROJECTS

Number of Borings		Maximum Depth	ft.
Hole Diameter	in.		

ESTIMATED STARTING DATE 2/12/98
ESTIMATED COMPLETION DATE 3/27/98

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Claudio Avila Date 1/14/98

FOR OFFICE USE

PERMIT NUMBER 98007
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

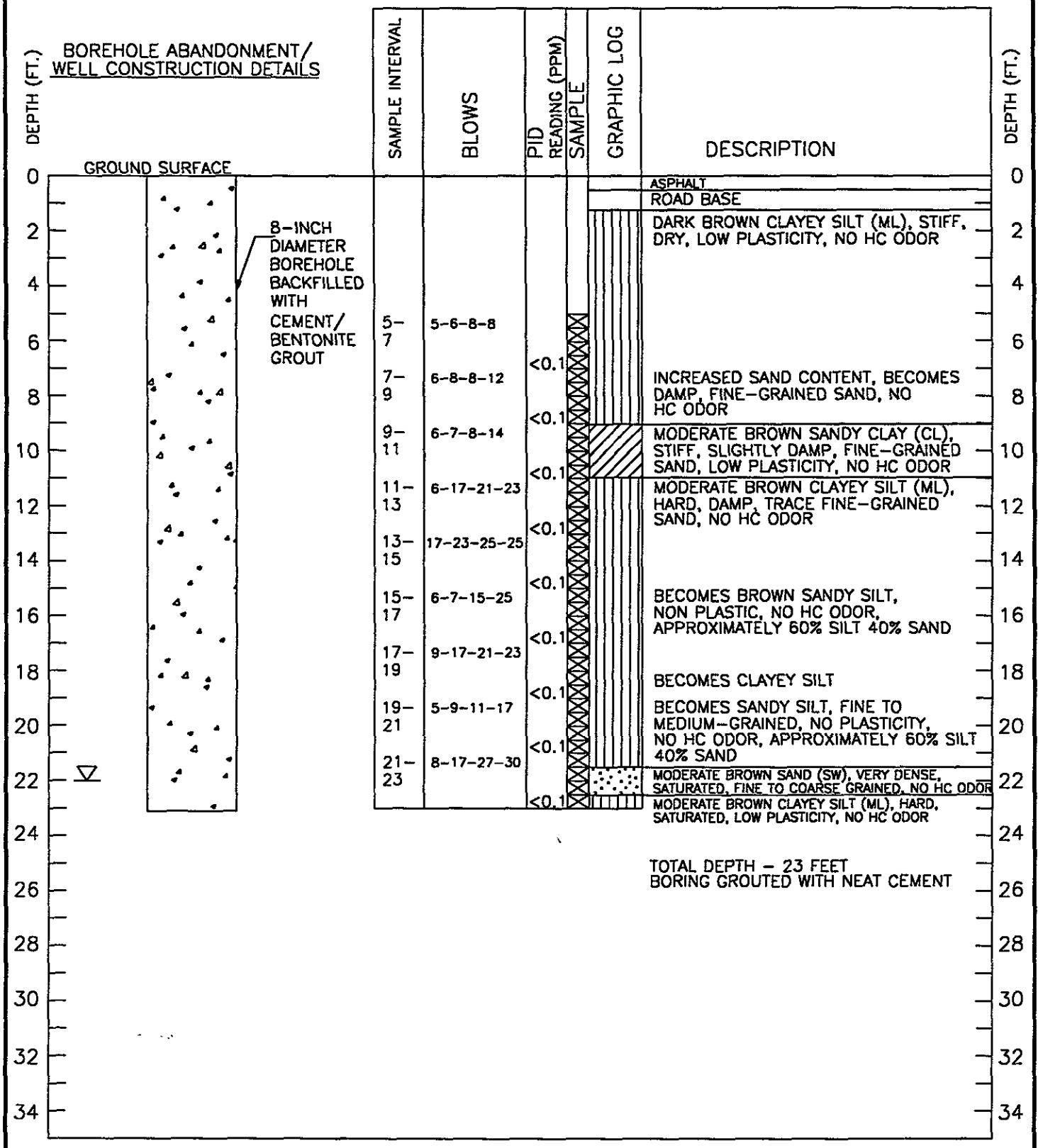
E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS

Approved Wyman Hong Date 16 Jan 98
Wyman Hong

101996



CAL ENVIRONMENTAL SERVICES INC

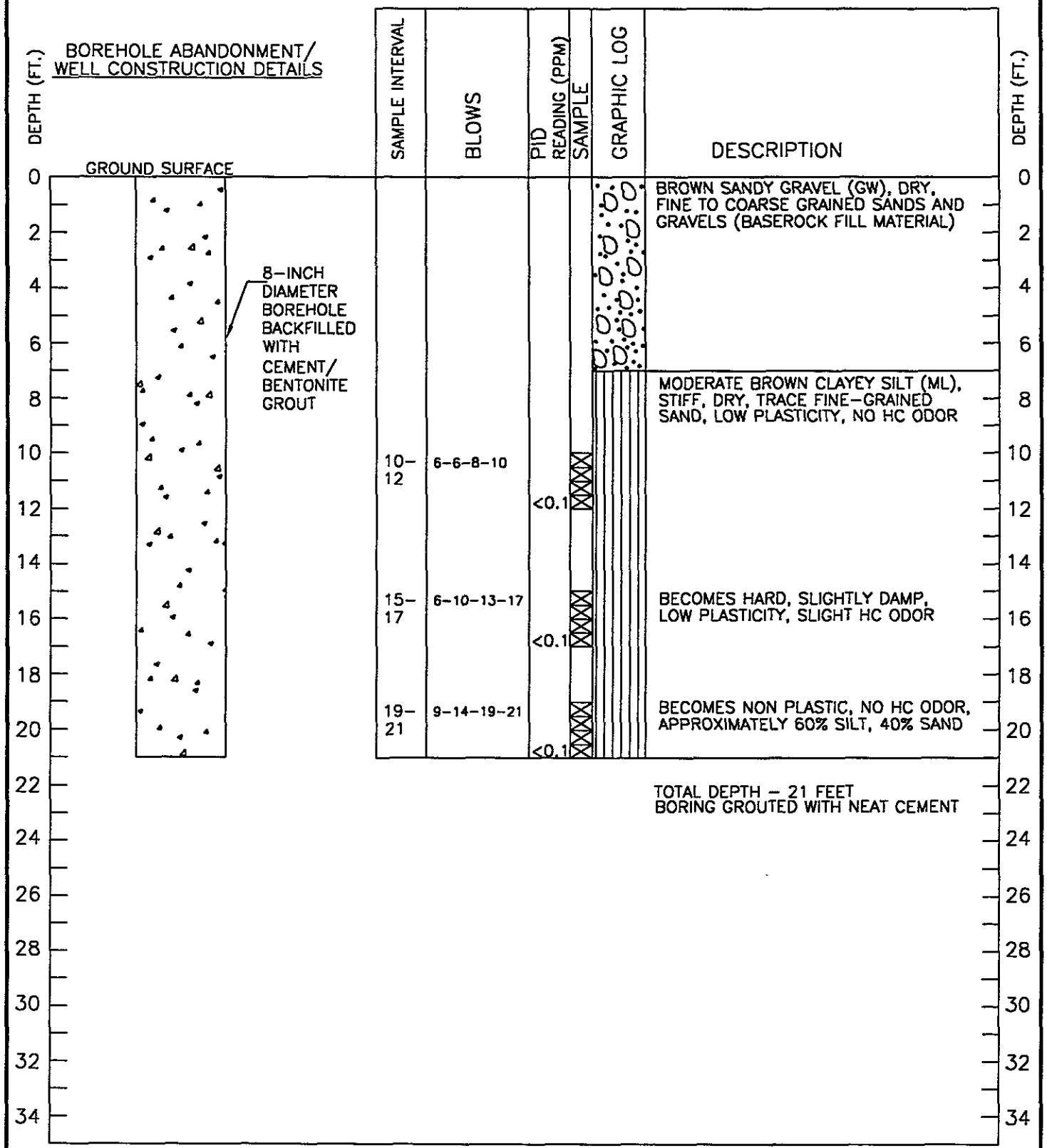
VACAVILLE, CA.95688 707-446-7996

BORING LOCATION: BUILDING 200	ELEVATION AND DATUM:		
DRILLING CONTRACTOR: WOODWARD DRILLING	DATE STARTED: 2/17/98	DATE FINISHED: 2/17/98	
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER	TOTAL DEPTH: 23 FEET	SCREEN INTERVAL: NONE	
DRILLING EQUIPMENT: MOBILE B-61	DEPTH TO WATER ATD: 22 FEET	CASING: NONE	
SAMPLING METHOD: 2 INCH SPLIT SPOON	LOGGED BY: CLAUDIO AVILA		
HAMMER WEIGHT: 140 LBS DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726	

DRAWN BY: TRB	CAD FILENAME: B-1_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

CAMP PARKS BLDG. 200
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. B-1



CAL ENVIRONMENTAL SERVICES INC

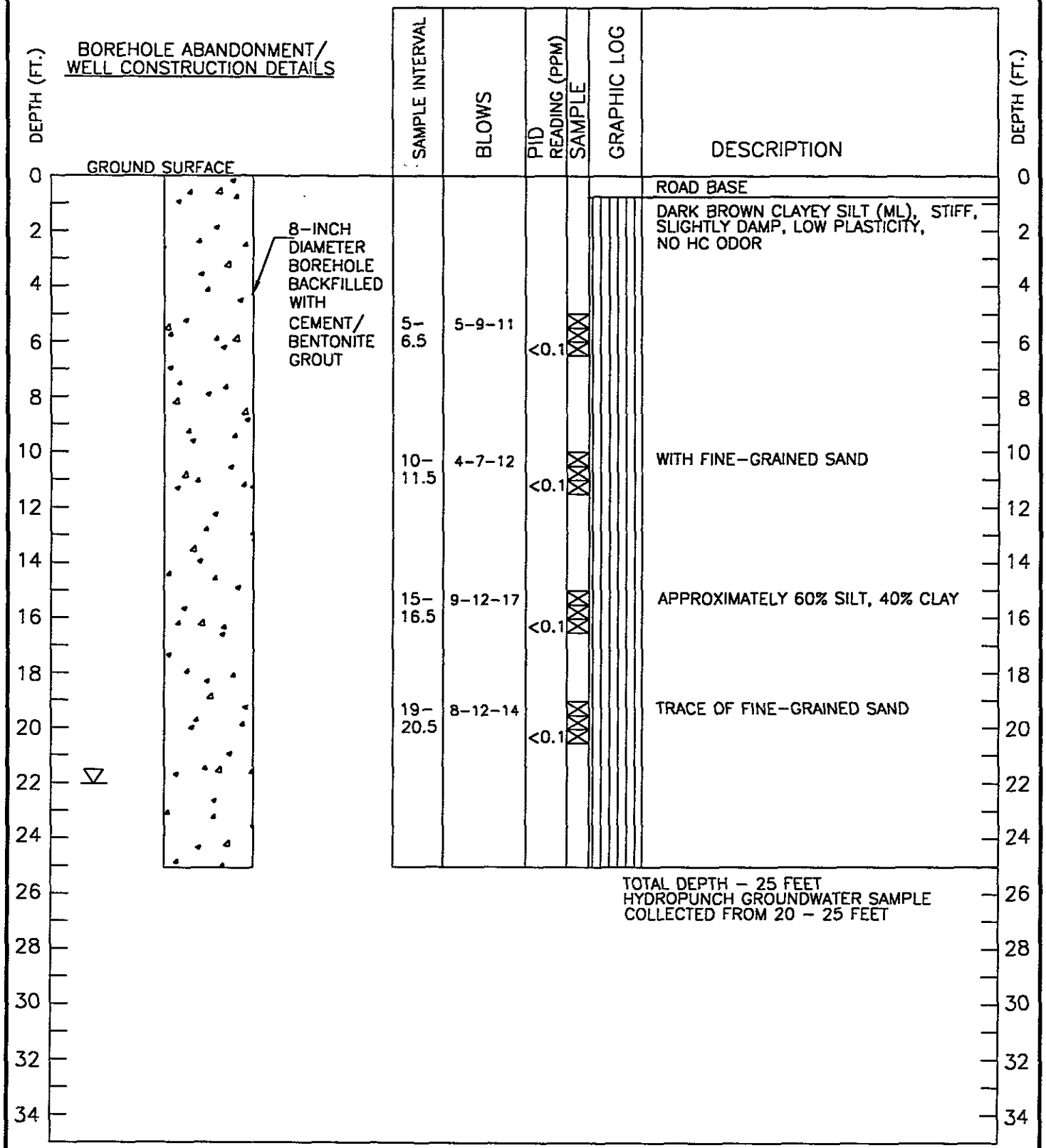
VACAVILLE, CA.95688 707-446-7995

DRAWN BY: TRB	CAD FILENAME: B-2_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 200		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 2/17/98	DATE FINISHED: 2/17/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 21 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER AT: NONE	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 200
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. **B-2**



CAL ENVIRONMENTAL SERVICES INC

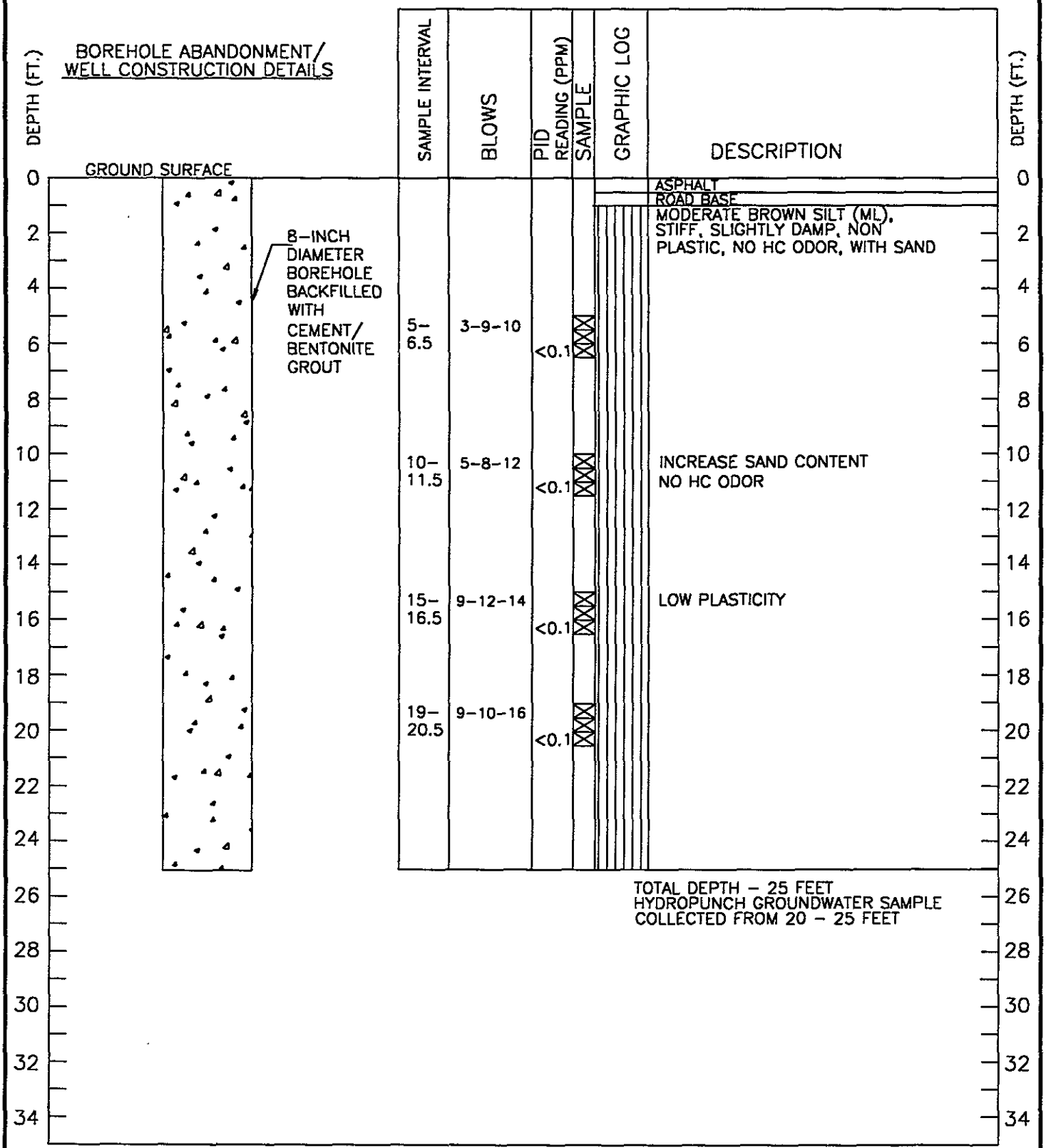
VACAVILLE, CA.95688 707-446-7996

DRWN BY: TRB	CAD FILENAME: B-3_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 200		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 2/18/98	DATE FINISHED: 2/18/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 25 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD: 22 FEET	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 200
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. B-3



CAL ENVIRONMENTAL SERVICES INC

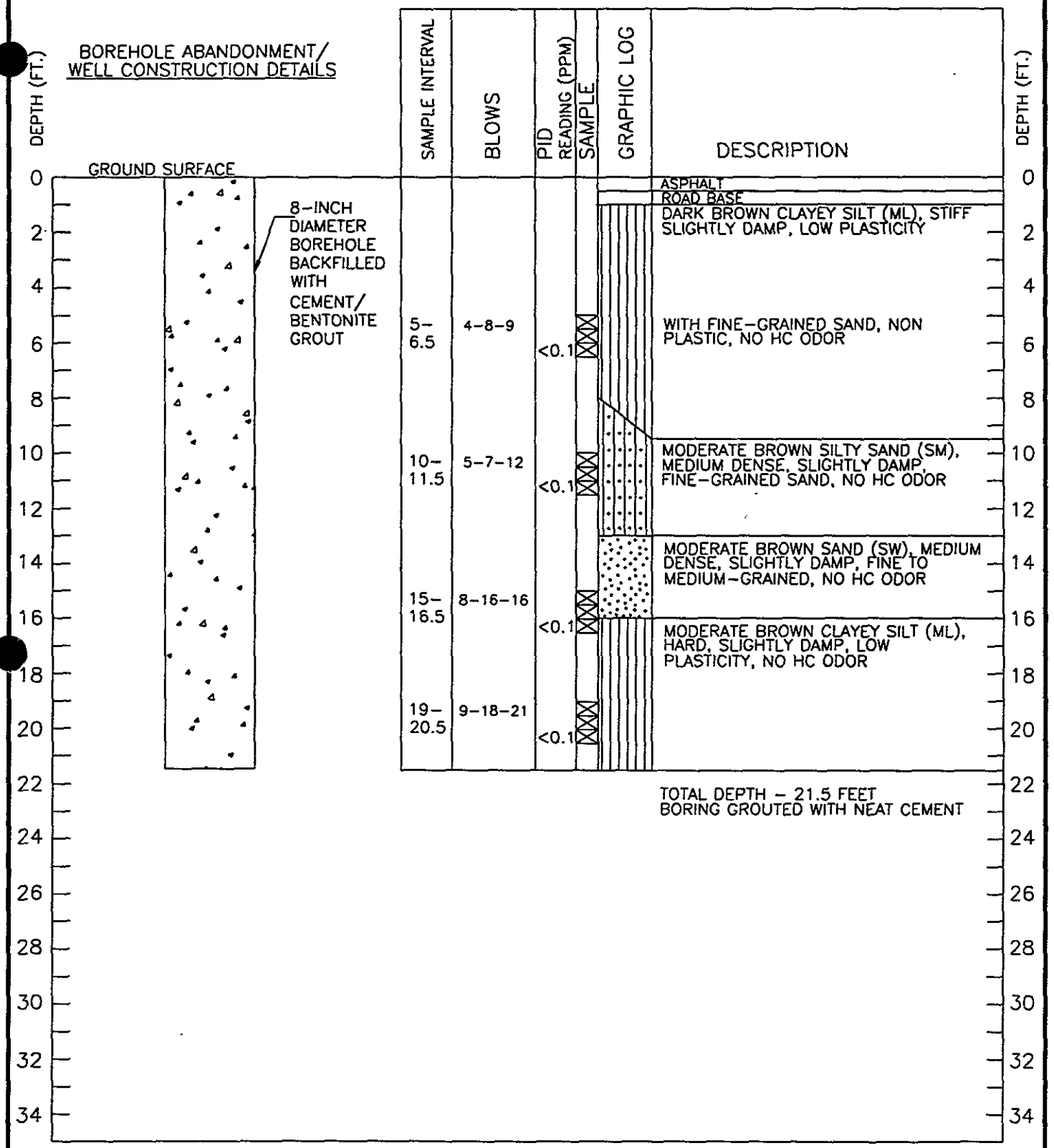
VACAVILLE, CA 95688 707-446-7996

DRAWN BY: TRB	CAD FILENAME: B-4_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 200		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 2/18/98	DATE FINISHED: 2/18/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 25 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER AT/D:	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 200
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. **B-4**



CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA 95688 707-446-7995

DRAWN BY: TRB	CAD FILENAME: B-5_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 200		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 2/18/98	DATE FINISHED: 2/18/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 21.5 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD:	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 200
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. **B-5**

BOREHOLE ABANDONMENT/
WELL CONSTRUCTION DETAILS

DEPTH (FT.)	SAMPLE INTERVAL	BLOWS	PID READING (PPM)	SAMPLE	GRAPHIC LOG	DESCRIPTION
0						ASPHALT
						ROAD BASE
2						BLACK CLAYEY SILT (ML), STIFF, DRY, LOW PLASTICITY, NO HC ODOR
4						
6	5–6.5	3-4-8	<0.1			
8						MODERATE BROWN SAND (SP), LOOSE, MOIST, FINE-GRAINED SAND
10	10–11.5	3-5-5	<0.1			
12						MODERATE BROWN CLAYEY SILT (ML), STIFF, DRY, LOW PLASTICITY, NO HC ODOR
14						MODERATE BROWN SAND (SP), DENSE, MOIST, FINE-GRAINED, NO HC ODOR
16	15–16.5	6-12-18	<0.1			
18						MODERATE BROWN CLAYEY SILT (ML), HARD, SATURATED, LOW PLASTICITY, NO HC ODOR
20	20–21.5	8-16-22	<0.1			
22						TOTAL DEPTH – 21.5 FEET HYDROPUNCH GROUNDWATER SAMPLE COLLECTED FROM 15 – 20 FEET
24						
26						
28						
30						
32						
34						

CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA 95688 707-446-7996

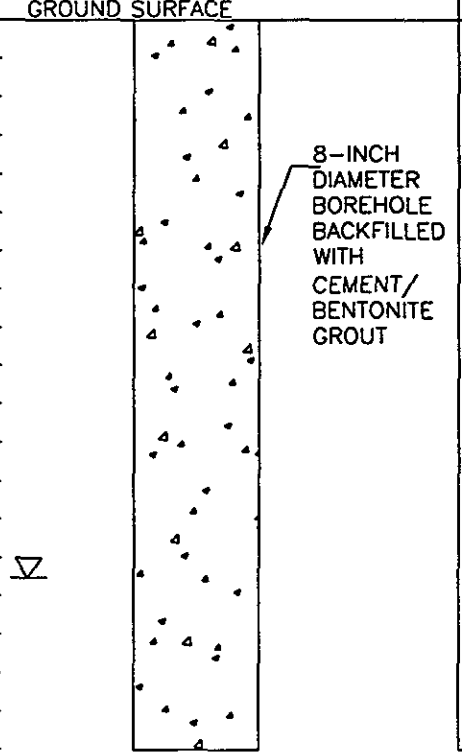
DRAWN BY: TRB	CAD FILENAME: B-1_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 888		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 5/18/98	DATE FINISHED: 5/18/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 21.5 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD: 16 FEET	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 888
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. B-1

BOREHOLE ABANDONMENT/
WELL CONSTRUCTION DETAILS



DEPTH (FT.)	SAMPLE INTERVAL	BLOWS	PID READING (PPM)	SAMPLE	GRAPHIC LOG	DESCRIPTION
0						ASPHALT
						ROAD BASE
2						MODERATE BROWN TO BLACK CLAYEY SILT (ML), STIFF, DRY, LOW PLASTICITY, NO HC ODOR
4						
6	5-6.5	3-6-9	<0.1			
8						
10	10-11.5	6-6-8	<0.1			BECOMES MODERATE BROWN TO OLIVE GRAY, NO HC COLOR
12						
14	13-14.5	5-6-6	<0.1			MODERATE BROWN SAND (SP), MEDIUM MOIST, FINE-GRAINED
16						MODERATE BROWN SILT (ML), MEDIUM STIFF, DAMP, NON PLASTIC WITH FINE-GRAINED SAND, NO HC ODOR
18						
20						TOTAL DEPTH - 19 FEET HYDROPUNCH GROUNDWATER SAMPLE COLLECTED FROM 15 - 19 FEET
22						
24						
26						
28						
30						
32						
34						

DEPTH (FT.)

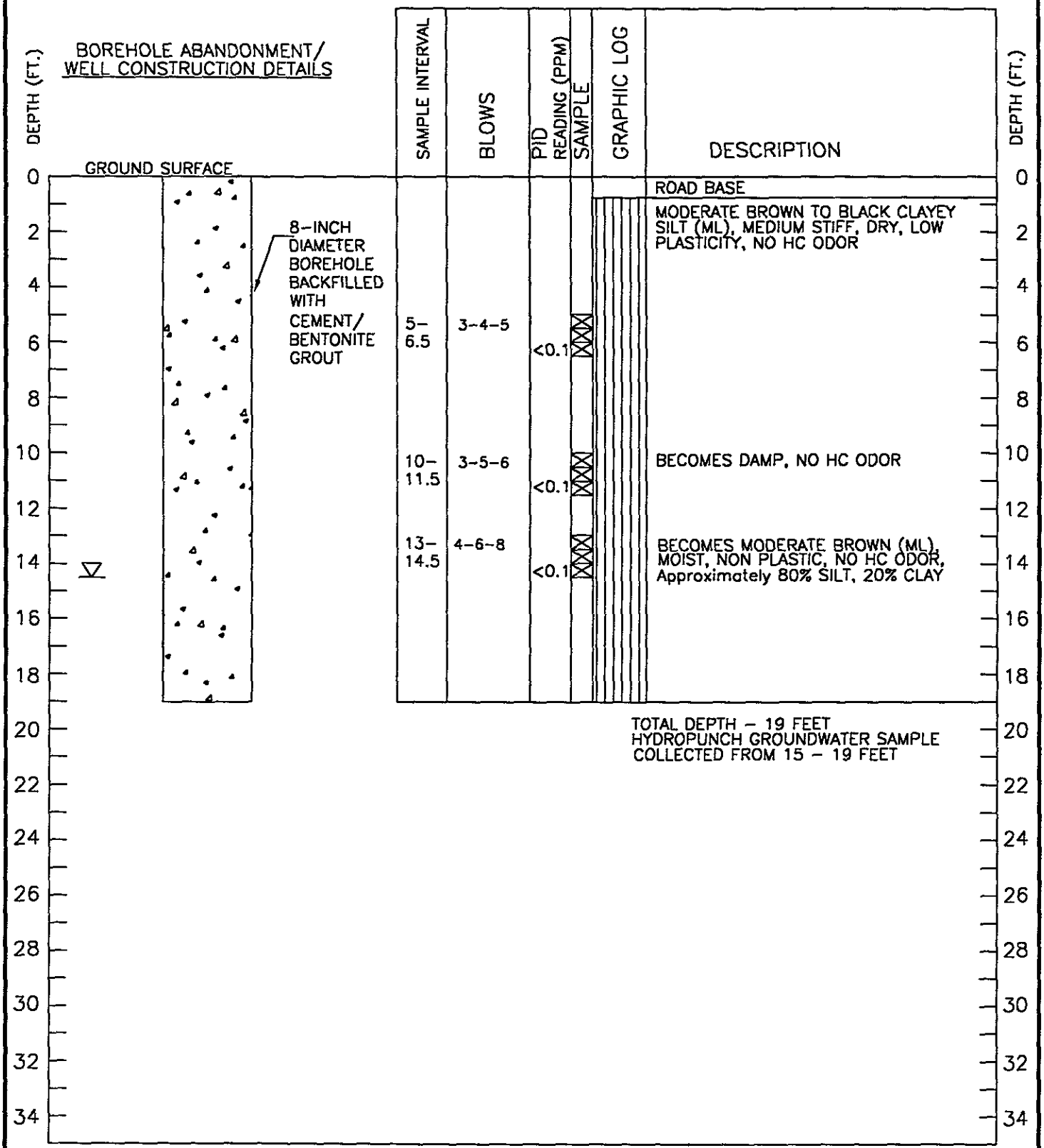
CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA 95688 707-446-7996

DRAWN BY: TRB	CAD FILENAME: B-2_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 888		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 5/18/98	DATE FINISHED: 5/18/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 19 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD: 15 FEET	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 888
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. **B-2**



CAL ENVIRONMENTAL SERVICES INC

VACAVILLE, CA.95688 707-445-7996

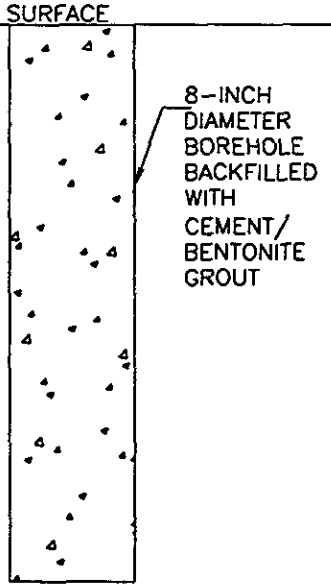
DRAWN BY: TRB	CAD FILENAME: B-3_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 888		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 5/19/98	DATE FINISHED: 5/19/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 19 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD: 15 FEET	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 888
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. **B-3**

BOREHOLE ABANDONMENT/
WELL CONSTRUCTION DETAILS



DEPTH (FT.)	SAMPLE INTERVAL	BLOWS	PID READING (PPM)	SAMPLE	GRAPHIC LOG	DESCRIPTION
0						ROAD BASE
2						BLACK CLAYEY SILT (ML), MEDIUM STIFF, DRY, LOW PLASTICITY NO HC ODOR
6	5-6.5	5-5-7	<0.1			
10	10-11.5	4-4-4	<0.1			
14	13-14.5	6-8-12	<0.1			BECOMES VERY STIFF
						TOTAL DEPTH - 14.5 FEET BORING GROUTED WITH NEAT CEMENT

DEPTH (FT.): 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34

CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA 95688 707-446-7996

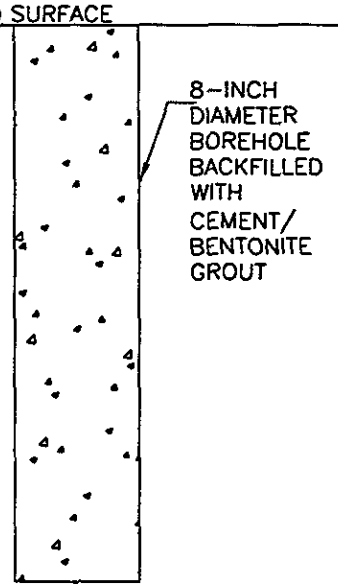
BORING LOCATION: BUILDING 888	ELEVATION AND DATUM:		
DRILLING CONTRACTOR: WOODWARD DRILLING	DATE STARTED: 5/19/98	DATE FINISHED: 5/19/98	
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER	TOTAL DEPTH: 14.5 FEET	SCREEN INTERVAL: NONE	
DRILLING EQUIPMENT: MOBILE B-61	DEPTH TO WATER ATD:	CASING: NONE	
SAMPLING METHOD: 2 INCH SPLIT SPOON	LOGGED BY: CLAUDIO AVILA		
HAMMER WEIGHT: 140 LBS DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726	

DRAWN BY: TRB	CAD FILENAME: B-4_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

CAMP PARKS BLDG. 888
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. B-4

BOREHOLE ABANDONMENT/
WELL CONSTRUCTION DETAILS



DEPTH (FT.)	SAMPLE INTERVAL	BLOWS	PID READING (PPM)	SAMPLE	GRAPHIC LOG	DESCRIPTION
0						CONCRETE
2						BLACK CLAYEY SILT (ML), MEDIUM STIFF, DRY, LOW PLASTICITY NO HC ODOR
4						
6	5-6.5	4-6-8	<0.1			
8						
10	10-11.5	3-4-6	<0.1			BECOMES MODERATE BROWN WITH CLAY, DAMP, NO HC ODOR
12						
14	13-14.5	6-8-10	<0.1			BECOMES LIGHT OLIVE GRAY WITH FINE-GRAINED SAND, MOIST, NON PLASTIC
16						TOTAL DEPTH - 14.5 FEET BORING GROUTED WITH NEAT CEMENT
18						
20						
22						
24						
26						
28						
30						
32						
34						

CAL ENVIRONMENTAL SERVICES INC
VACAVILLE, CA-95688 707-446-7996

DRAWN BY: TRB	CAD FILENAME: B-5_LOG	REVISION:	
DATE: 6/12/98	VERT. SCALE: 1"=5'	PROJECT NO.: 2809	

BORING LOCATION: BUILDING 888		ELEVATION AND DATUM:	
DRILLING CONTRACTOR: WOODWARD DRILLING		DATE STARTED: 5/19/98	DATE FINISHED: 5/19/98
DRILLING METHOD: 8 INCH HOLLOW STEM AUGER		TOTAL DEPTH: 14.5 FEET	SCREEN INTERVAL: NONE
DRILLING EQUIPMENT: MOBILE B-61		DEPTH TO WATER ATD:	CASING: NONE
SAMPLING METHOD: 2 INCH SPLIT SPOON		LOGGED BY: CLAUDIO AVILA	
HAMMER WEIGHT: 140 LBS	DROP: 30 INCHES	RESPONSIBLE PROFESSIONAL: CLAUDIO AVILA	REG. NO. 6726

CAMP PARKS BLDG. 888
CAMP PARKS, CALIFORNIA

LOG OF WELL NO. B-5

TABLE 1a

Summary of Analytical Program
Building 200 Borings
Camp Parks RFTA Dublin, California

Sample Number	Matrix	THPD	TPHG	BTEX	MTBE	PAH	Total Lead	VOC	Semi VOA	Oil & Grease	Title 26 Metals
S-11.5-B3	Soil	X	X	X	X	X	X				
S-20.5-B3	Soil	X	X	X	X	X	X				
S-11.5-B4	Soil	X	X	X	X	X	X				
S-20.5-B4	Soil	X	X	X	X	X	X				
S-11.5-B5	Soil	X	X	X	X	X	X				
S-20.5-B5	Soil	X	X	X	X	X	X				
W-22-B3	Water	X	X	X	X	X	X				
W-22-B3D	Water		X	X	X		X				
W-22-B4	Water	X	X	X	X	X	X				
W-22-B4D	Water	X									
Rinsate Blank	Water	X	X	X	X						
S-11-B1	Soil	X	X	X	X	X	X				
S-11-B1D	Soil	X	X	X	X	X	X				
S-21-B1	Soil	X	X	X	X	X	X				
S-12-B2	Soil	X	X	X	X	X	X				
S-21-B2	Soil	X	X	X	X	X	X				
S-0218-1A,B	Soil	X	X	X		X	X				

Notes:

TPHD = Total extractable petroleum hydrocarbons as diesel (EPA 8015M)

TPHG = Total extractable petroleum hydrocarbons as gas (EPA 8015M)

BTEX = benzene, toluene, ethyl benzene, xylene (EPA 8020A)

MTBE = Methyl tert-Butyl Ether

Total Lead (EPA 6010A)

VOC = Volatile Organic Compounds (EPA 8260)

semiVOA (EPA 8270B)

PAH = Semi-volatile organic compounds (EPA 8270)

Title 26 Metals (EPA 6010A)

TABLE 1b

Summary of Analytical Program
Building 888 Stockpiled Soil
Camp Parks RFTA Dublin, California

Sample Number	Matrix	THPD	TPHG	BTEX	MTBE	PAH	Total Lead	VOC	Semi VOA	Oil & Grease	Title 26 Metals
S-1218-1A-1D	Soil	X	X	X	X		x				X
S-1218-2A-2D	Soil	X	X	X	X		x				X
S-1218-3A-3D	Soil	X	X	X	X		x				X
S-1218-4A-4D	Soil	X	X	X	X			X	X	X	X
Rinsate Blank	Water		X	X	X				X		

Notes:	Total Lead (EPA 6010A)
TPHD = Total extractable petroleum hydrocarbons as diesel (EPA 8015M)	VOC = Volatile Organic Compounds (EPA 8260)
TPHG = Total extractable petroleum hydrocarbons as gas (EPA 8015M)	semiVOC (EPA 8270B)
BTEX = benzene, toluene, ethyl benzene, xylene (EPA 8020A)	PAH = Semi-volatile organic compounds (EPA 8270)
MTBE = Methyl tert-Butyl Ether	Title 26 Metals (EPA 6010A)

TABLE 1c

Summary of Analytical Program
Building 888 Borings
Camp Parks RFTA Dublin, California

Sample Number	Matrix	THPD	TPHG	BTEX	MTBE	PAH	Total Lead	VOC	Semi VOA	Oil & Grease	Title 26 Metals
S-11.5-B1	Soil	X	X	X	X	X	X				
S-16.5-B1	Soil	X	X	X	X	X	X				
S-11.5-B2	Soil	X	X	X	X	X	X				
S-11.5-B2 dup	Soil	X	X	X	X	X	X				
S-14.5-B2	Soil	X	X	X	X	X	X				
W-16-B1	Water	X	X	X	X	X	X				
W-16-B1 dup	Water	X	X	X	X	X	X				
W-15-B2	Water	X	X	X	X	X	X				
W-14-B3	Water	X	X	X	X	X	X				
S-11.5-B3	Soil	X	X	X	X	X	X				
S-14.5-B3	Soil	X	X	X	X	X	X				
S-11.5-B4	Soil	X	X	X	X	X	X				
S-14.5-B4	Soil	X	X	X	X	X	X				
S-11.5-B5	Soil	X	X	X	X	X	X				
S-14.5-B5	Soil	X	X	X	X	X	X				
S-5-DP1	Soil	X	X	X			X				
S-6-OGP1	Soil	X	X	X			X				
S-6-OGP2	Soil	X	X	X			X				
S-6-OGP2D	Soil	X	X	X			X				
S-0519-1A,B	Soil	X	X	X	X	X	X				

Notes:

TPHD = Total extractable petroleum hydrocarbons as diesel (EPA 8015M)

TPHG = Total extractable petroleum hydrocarbons as gas (EPA 8015M)

BTEX = benzene, toluene, ethyl benzene, xylene (EPA 8020B)

MTBE = Methyl tert-Butyl Ether

Total Lead (EPA 6010A)

VOC = Volatile Organic Compounds (EPA 8260)

SemiVOC (EPA 8270B)

PAH = Semi-volatile organic compounds (EPA 8270

Title 26 Metals (EPA 6010A)

Table 2

Analytical Results of Organic Constituents
Of Soil and Groundwater Samples Collected From Building 200: Soil Borings
Camp Parks RFTA
Dublin, California

Sample ID	Matrix	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	PAH	Total Lead	MTBE
S-11-B1	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5.8**	<0.020
S-11-B1D	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6.1**	<0.020
S-21-B1	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5**	<0.020
S-12-B2	Soil	<1	**1.2**	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5.7**	<0.020
S-21-B2	Soil	<1	**8.1**	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5.2**	<0.020
S-11.5-B3	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6.5**	<0.020
S-20.5-B3	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6.9**	<0.020
S-11.5-B4	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5.2**	<0.020
S-20.5-B4	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**5.9**	<0.020
S-11.5-B5	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6.1**	<0.020
S-20.5-B5	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6.6**	<0.020
S-0218-1A,B	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	ND**	**6**	<0.02
W-22-B3*	Water	<50	**58**	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	<3	<2
W-22-B3D*	Water	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	<3	<2
W-22-B4*	Water	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	<3	<2
W-22-B4D*	Water	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
Rinsate Blank*	Water	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	<2

Notes:

Results measured in milligrams per kilogram

* = measured in micrograms per liter (µg/L)

** = All analyte below laboratory detection limits.

NA = Not Analyzed

TPHG = Total petroleum hydrocarbons as gasoline motor oil by EPA Method 8015 M

TPHD = Total petroleum hydrocarbons as diesel by EPA Method 8015 M

BTEX analyzed by EPA Method 8020A

PAH=Polynuclear Aromatic Hydrocarbons by EPA Method 8310

Total Lead by EPA Method 6010A

Soil Sample Notation Legend:

S-11-B1: S =soil sample
W =water sample
11 =depth
B1 =Boring No.

Table 2

Analytical Results of Organic Constituents
Of Soil and Groundwater Samples Collected From Building 888: Stockpile Soils and Former Product Line
Camp Parks RFTA
Dublin, California

Sample ID	Matrix	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	MTBE	HVOC	semiVOC	Oil & Grease
S-1218-1A-1D	Soil	<1	**2**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	NA	NA	NA
S-1218-2A-2D	Soil	<1	**9.4**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	NA	NA	NA
S-1218-3A-3D	Soil	<1	**15**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	NA	NA	NA
S-1218-4A-4D	Soil	<1	**620**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	ND	ND	170

Sample ID	Matrix	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	MTBE	Total Lead	PAH	Oil & Grease
S-6-OGP2	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	**8.1**	NA	NA
S-6-OGP2D	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	**6.6**	NA	NA
S-5-DP1	Soil	**36**	**370**	<0.010	**0.042**	**0.045**	**0.074**	**0.160**	<0.040	**9.6**	NA	NA
S-6-OGP1	Soil	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	**5.9**	NA	NA

Notes:

Results measured in milligrams per kilogram

* = measured in micrograms per liter (µg/L)

** = All analyte below laboratory detection limits.

NA = Not Analyzed

TPHG = Total petroleum hydrocarbons as gasoline motor oil by EPA Method 8015 M

TPHD = Total petroleum hydrocarbons as diesel by EPA Method 8015 M

BTEX analyzed by EPA Method 8020A

PAH=Polynuclear Aromatic Hydrocarbons by EPA Method 8310

Total Lead by EPA Method 6010A

HVOC = EPA method 8010 by 8260

semiVOA = EPA method 8270

Soil Sample Notation Legend:

S-11-B1: S =soil sample
W =water sample
11 =depth
B1 =Boring No.

Table 2

Analytical Results of Organic Constituents
Of Soil and Groundwater Samples Collected From Building 888: Soil Borings
Camp Parks RFTA
Dublin, California

Sample ID	Matrix	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	PAH	Total Lead	MTBE
S-11.5-B1	Soil	<1.3	<1.3	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	ND**	**10.0**	<0.026
S-16.5-B1	Soil	<1.2	<1.2	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	ND**	**5.5**	<0.024
S-11.5-B2	Soil	<1.3	<1.3	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	ND**	**11.0**	<0.027
S-11.5-B2 dup	Soil	<1.3	**23000**	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	ND**	**10.0**	<0.027
S-14.5-B2	Soil	<1.3	<1.3	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	ND**	**5.6**	<0.025
S-11.5-B3	Soil	<1.3	<1.3	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	ND**	**9.1**	<0.025
S-14.5-B3	Soil	<1.2	<1.2	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	ND**	**6.3**	<0.024
S-11.5-B4	Soil	<1.4	<1.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	ND**	**9.4**	<0.027
S-14.5-B4	Soil	<1.3	<1.3	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	ND**	**7.5**	<0.025
S-11.5-B5	Soil	<1.3	<1.3	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	ND**	**9.7**	<0.026
S-14.5-B5	Soil	<1.3	<1.3	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	ND**	**8.1**	<0.026
S-0519-1A,B	Soil	<1.4	<1.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	ND**	**8.9**	<0.027
W-16-B1 *	Water	<50	**320**	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	**22.0**	<2
W-16-B1 dup *	Water	<50	**81**	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	**39.0**	<2
W-15-B2 *	Water	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	**5.2**	<2
rinsate blank *	Water	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	ND	<2
W-14-B3 *	Water	<50	<47	<0.5	<0.5	<0.5	<0.5	<0.5	ND**	**61**	<2

Notes:

Results measured in milligrams per kilogram

* = measured in micrograms per liter (µg/L)

** = All analyte below laboratory detection limits.

NA = Not Analyzed

TPHG = Total petroleum hydrocarbons as gasoline motor oil by EPA Method 8015 M

TPHD = Total petroleum hydrocarbons as diesel by EPA Method 8015 M

BTEX analyzed by EPA Method 8020A

PAH=Polynuclear Aromatic Hydrocarbons by EPA Method 8310

Total Lead by EPA Method 6010A

Soil Sample Notation Legend:

S-11-B1: S =soil sample
W =water sample
11 =depth
B1 =Boring No.

Table 3

Analytical Results of Metals
Of Soil Samples Collected From Building 888 Stockpile Soils
Camp Parks RFTA
Dublin, California

Analytes	Stockpile1A-1D	Stockpile2A-2D	Stockpile3A-3D	Stockpile4A-4D
Antimony	NA	NA	NA	<2.9
Arsenic	NA	NA	NA	**4.7**
Barium	NA	NA	NA	**210**
Beryllium	NA	NA	NA	**0.46**
Cadmium	NA	NA	NA	**0.67**
Chromium	NA	NA	NA	**36**
Cobalt	NA	NA	NA	**9.3**
Copper	NA	NA	NA	**39**
Lead	**6.9**	**6.9**	**6.6**	**15**
Mercury	NA	NA	NA	<0.095
Molybdenum	NA	NA	NA	<0.98
Nickel	NA	NA	NA	**39**
Selenium	NA	NA	NA	**0.38**
Silver	NA	NA	NA	<0.49
Thallium	NA	NA	NA	**2.7**
Vanadium	NA	NA	NA	**38**
Zinc	NA	NA	NA	**76**

Notes:

Samples analyzed by EPA6010A

Results measured in milligrams per Kilogram (mg/Kg)

NA = Not Analyzed

ND = Not Detected

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 298286

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: CAMP PARKS RFTA

b. Generating Location: CAMP PARKS RFTA

c. Address: BUILDING #79
DUBLIN, CA

d. Address: BUILDING #200
DUBLIN, CA

e. Phone No.: (510) 803-5638 MARSHALL MARIK

f. Phone No.: N/A

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: CAMP PARKS RFTA

h. Owner's Phone No.: Same as I(e)

i. BFI WASTE CODE: CA 405 03119 8 — Containers: 01441

j. Description of Waste: NON-HAZARDOUS SOIL

k. Quantity: 00005 — Units: Y — No.: 01 — TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name; Signature; 08/19/98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: DILLARD TRUCKING, INC.

b. Address: POB 579
BYRON, CA 94514

c. Driver Name/Title: CRAIG A WATSON — PRINT/TYPE

d. Phone No.: (925) 634-6850 e. Truck No.:

f. Vehicle License No./State: 3H98429 CA

Acknowledgement of Receipt of Materials.

g. Craig A Watson — Driver Signature; 08/19/98 — Shipment Date

TRANSPORTER II

h. Name:

i. Address:

j. Driver Name/Title: — PRINT/TYPE

k. Phone No.: l. Truck No.:

m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f)

a. Site Name: BFI - VASCO ROAD SANITARY LANDFILL

c. Phone No.: (510) 447-0491

b. Physical Address: 4001 N. VASCO ROAD
LIVERMORE, CA 94550

d. Mailing Address: 4001 N. VASCO ROAD
LIVERMORE, CA 94550

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

JOB# 1111:04
PO# 10-20737

f. Name of Authorized Agent — Signature — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:

b. Operator's* Phone No.:

c. Operator's* Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: — Print/Type; Operator's Signature; Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

GENERATOR RETAIN

260-7208-593

2909

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294929

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CCA 4 0 5 0 1 1 5 9 3 | 0 1 1 0 8 | Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 0 0 0 200 | Units: Y³ | No.: 01 | TYPE: T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02 09 98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: JR ROGERS (PRINT/TYPE)
d. Phone No.: 510 634 6850
e. Truck No.: 551
f. Vehicle License No./State: 5R25173 / 1V05257
Acknowledgement of Receipt of Materials.
g. J Rogers — Driver Signature — 02 09 98 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
b. Physical Address: 4001 N Vasco Road, Livermoore, CA 94565
c. Phone No.: 510-447-0491
d. Mailing Address: 4001 N Vasco Rd, Livermmore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 02 09 98 — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — (Operator's Signature) — (Date)
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-720B 5/93

2409

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294930

Section I: GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA

b. Generating Location: CAMp PArks RFTA

c. Address: Bldg. 790, Facilities Maintenance Dept., Dublin, CA 94568-5201

d. Address: Bldg. 790, Facilities Maintenance Dept., Dublin, CA 94568-5201

e. Phone No.:

f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:

h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 011598 01108

Containers: TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil

k. Quantity: 00020 Units: Y³ No.: 07 TYPE: T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name

Jay Ritchie — Signature

8/7/98 — Shipment Date

Section II: TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking

b. Address: PO Box 579, Byron, CA 94514

c. Driver Name/Title: Linda Dunn (PRINT/TYPE)

d. Phone No.: 800-675-0666 e. Truck No.: 691

f. Vehicle License No./State: 6P28168

Acknowledgement of Receipt of Materials.

g. Linda Dunn (Driver Signature) 8/8/98 (Shipment Date)

TRANSPORTER II

h. Name:

i. Address:

j. Driver Name/Title: (PRINT/TYPE)

k. Phone No.: l. Truck No.:

m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. (Driver Signature) (Shipment Date)

Section III: DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill

c. Phone No.: 510-447-0491

b. Physical Address: 4001 N Vasco Rd, Livermoore, CA 94565

d. Mailing Address: 4001 N Vasco Rd, Livermoore, CA 94565

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. (Name of Authorized Agent) (Signature) 8/8/98 (Receipt Date)

Section IV: ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:

b. Operator's* Phone No.:

c. Operator's* Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) (Operator's Signature) (Date)

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

280-7208 5/93

#2809

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294932

Section I: GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks, RFTA
b. Generating Location: Camp Parks, RFTA
c. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 40-5 | 011598 | 01108

Containers — TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Hydrocarbon unpacked soil

k. Quantity: 00020 | Units: Y³ | No.: 13 | TYPE: T

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

MARSHALL MARK — Generator Authorized Agent Name / Signature — Shipment Date: 02/19/98

Section II: TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: Linda Bunch (PRINT/TYPE)
d. Phone No.: 886-675-1062
e. Truck No.: 011
f. Vehicle License No./State: SD28168

Acknowledgement of Receipt of Materials.

g. Driver Signature — Shipment Date: 2/19/98

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. Driver Signature — Shipment Date:

Section III: DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Road, Livermoore, CA 94565
d. Mailing Address: 4001 N Vasco Road, Livermoore, CA 94565

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — Receipt Date: 2/19/98

Section IV: ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

250-7208 5/93

#2509

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294933

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks, RFTA
b. Generating Location: Camp Parks, RFTA
c. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg. 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 011598 01108 Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 00020 Units: Y³ No.: 12 TYPE: T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02/19/98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: JR Rogers (PRINT/TYPE)
d. Phone No.: 510 634-6850
e. Truck No.: 551/552
f. Vehicle License No./State: SP28173 / 1VD5787
Acknowledgement of Receipt of Materials.
g. JR Rogers (Driver Signature) 02/19/98 (Shipment Date)

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. (Driver Signature) (Shipment Date)

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Rd, Livermoore, CA 04565
d. Mailing Address: 4001 N Vasco Rd, Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. (Name of Authorized Agent) (Signature) 02/19/98 (Receipt Date)

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) (Operator's Signature) (Date)
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294934

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks, RFTA
b. Generating Location: Camp Parks, RFTA
c. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790., Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 011598 011103 Containers

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 00020 Units: Y No.: 11 TYPE: T

UNITS: P - POUNDS; Y - YARDS; M^3 - CUBIC METERS; Y^3 - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02/09/98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: JR Rogers (PRINT/TYPE)
d. Phone No.: 510 634 6860
e. Truck No.: 591/540
f. Vehicle License No./State: SP28123 1V05797
Acknowledgement of Receipt of Materials.
g. Driver Signature — 02/10/98 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
b. Physical Address: 4001 N Vasco Rd, Livermoore, CA 94565
c. Phone No.: 510-447-0491
d. Mailing Address: 4001 N Vasco Rd, Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 2/10/98 Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

2809

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294935

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks, RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790, Facilities Maintenacne Dept., Dublin,, CA 95669-5201
d. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94569-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: C A 4 0 5 0 1 1 5 9 3 — 0 1 1 0 8 — Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon JR JR Impacted soil
k. Quantity: 0 0 0 2 0 — Units: Y3 — No.: 0 9 — TYPE: T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02 10 98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: David R Shepherd (Driver) (PRINT/TYPE)
d. Phone No.: (510) 634-6850
e. Truck No.: 991
f. Vehicle License No./State: SP28085
Acknowledgement of Receipt of Materials.
g. Driver Signature — 02 10 98 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Road, Livermoore, CA 94565
d. Mailing Address 4001 N Vasco Rd, Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 02 10 98 — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

3409

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294936

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790, Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA405 011598 01103

Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 00020 Units: Y Number: 08 TYPE: T

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02/09/98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: JR Rogers (PRINT/TYPE)
d. Phone No.: 5106346850
e. Truck No.: 551/3400
f. Vehicle License No./State: 5P28175 1V05797
Acknowledgement of Receipt of Materials.
g. J Rogers — Driver Signature — 02/10/98 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510- 447-0491
b. Physical Address: 4001 N Vasco Rd, Livermoore, CA 94565
d. Mailing Address 4001 N Vasco Rd, Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 02/10/98 Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

2809

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294937

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks, RFTA

b. Generating Location: Camp Parks RFTA

c. Address: Bldg 790 Facilities Maintenance Dept/, Dublin, CA 94568-5201

d. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201

e. Phone No.: 510-809-5682

f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:

h. Owner's Phone No.:

i. BFI WASTE CODE: C A 4 0 5 0 1 1 5 9 8 | 0 1 1 0 8 | Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil

k. Quantity: 0 0 0 2 0 | Units: Y³ | No.: 1 0 | TYPE: T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name

Jay Ritchie — Signature

6 2 1 0 9 8 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Tracking

b. Address: PO Box 579 Byron, CA 94514

c. Driver Name/Title: Linda Bunch (PRINT/TYPE)

d. Phone No.: 1-800-625-1064 Truck No.: 091

f. Vehicle License No./State: 5Y28165

Acknowledgement of Receipt of Materials.

g. Linda Bunch (Driver Signature) 6/10/98 (Shipment Date)

TRANSPORTER II

h. Name:

i. Address:

j. Driver Name/Title: (PRINT/TYPE)

k. Phone No.: l. Truck No.:

m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. (Driver Signature) (Shipment Date)

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill

c. Phone No.: 510-447-0491

b. Physical Address: 4001 N Vasco Rd Livermoore, CA 94565

d. Mailing Address 4001 N Vasco Rd Livermoore, CA 94565

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. (Name of Authorized Agent) (Signature) 6/10/98 (Receipt Date)

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:

b. Operator's* Phone No.:

c. Operator's* Address:

d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) (Operator's Signature) (Date)

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7206 5/93

2509

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294938

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA405 011598 01108

Containers — TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 0020 Units: Y³ No.: 06 TYPE: T

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name; Signature; Shipment Date 021698

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579 Byron, CA 94514
c. Driver Name/Title: David R Shepherd Driver (PRINT/TYPE)
d. Phone No.: (510) 634-6850 e. Truck No.: 791
f. Vehicle License No./State: SP28085
Acknowledgement of Receipt of Materials.
g. Driver Signature; Shipment Date 021098

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature; Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Road Livermoore, CA 94565
d. Mailing Address: 4001 N Vasco Road Livermoore, CA 94565

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent; Signature; Receipt Date 2/17/98

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type); Operator's Signature; Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

2709

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294939

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: C A 4 0 5 0 1 1 5 9 8 | 0 1 1 0 3 | Containers

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Hydrocarbon unpacked soil
k. Quantity: 00020 | Units: Y³ | No.: 05 | TYPE: T

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Signature
02 10 98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g, Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579 Byron, CA 94514
c. Driver Name/Title: JR ROGERS — PRINT/TYPE
d. Phone No.: 510 634 6850
e. Truck No.: 591/540
f. Vehicle License No./State: SP128173 / 1V05787
Acknowledgement of Receipt of Materials.
g. Driver Signature
02 10 98 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: — PRINT/TYPE
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature
Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Rd Livermoore, CA 94565
d. Mailing Address 4001 N Vascp Rd Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent
Signature
2/10/98 — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: Print/Type
Operator's Signature
Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

2409

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294940

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-802-5682
f. Phone No.: 510-809-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 011598 021008

Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon impacted soil

k. Quantity	Units	No.	TYPE
00020	Y³	04	T

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
02 10 98 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579, Byron, CA 94514
c. Driver Name/Title: Dipak Burak (PRINT/TYPE)
d. Phone No.: 606-675-1016
e. Truck No.: 091
f. Vehicle License No./State: SP28168

Acknowledgement of Receipt of Materials.

g. Driver Signature — Shipment Date: 2 10 98

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. Driver Signature — Shipment Date:

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Rd, Livermore, CA 94565
d. Mailing Address: 4001 N Vasco Rd, Livermore, CA 94565

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — Receipt Date: 2 10 98

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — (Operator's Signature) — (Date)
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT — RETURN TO GENERATOR — 260-7208 5/93

2809

NON-HAZARDO[illegible]S SPECIAL WASTE & ASBESTOS MA[illegible]FEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294941

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790 Facilitiwe Maintenance Dept., Dublkin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: C A | 4 0 5 | 0 1 1 5 9 8 | 0 1 1 0 8 | Containers

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

j. Description of Waste: Hydrocarbon impacted soil
k. Quantity: 0 0 0 2 0 | Units: Y3 | No.: 0 3 | TYPE: T

UNITS: P - POUNDS; Y - YARDS; M3 - CUBIC METERS; Y3 - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Generator Authorized Agent Name
Jay Ritchie — Signature
0 2 / 0 9 / 9 8 — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579 Byron, CA 94514
c. Driver Name/Title: David R Shepherd DRIVER (PRINT/TYPE)
d. Phone No.: 510 634-6850
e. Truck No.: 991
f. Vehicle License No./State: 5P38695
Acknowledgement of Receipt of Materials.
g. Driver Signature
0 2 / 0 9 / 9 8 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature
Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Roadfillsdfill
c. Phone No.: 510-447-04091
b. Physical Address: 4001 N Vasco Rd Livermoore, CA 94565
d. Mailing Address 4001 N Vasco Rd Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent
Signature
2 / 1 / 0 9 8 — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g, Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: Print/Type
Operator's Signature
Date

f. Name and Address of Responsible Agency:

g. ☐ Friable; ☐ Non-friable; ☐ Both _____ % friable _____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT — RETURN TO GENERATOR — 260-7208 5/93

2809

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 294942

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: Camp Parks RFTA
b. Generating Location: Camp Parks RFTA
c. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
d. Address: Bldg 790 Facilities Maintenance Dept., Dublin, CA 94568-5201
e. Phone No.: 510-803-5682
f. Phone No.: 510-803-5682

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 011598 01108 — Containers:

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Hydrocarbon unpacked soil
k. Quantity: 0020 — Units: Y3 — No.: 02 — TYPE: F

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

JAY RITCHIE — Jay Ritchie — 020998
Generator Authorized Agent Name — Signature — Shipment Date

Section II TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Dillard Trucking
b. Address: PO Box 579 Byron, CA 94514
c. Driver Name/Title: Linda Rusch (PRINT/TYPE)
d. Phone No.: 800-675-1661
e. Truck No.: 071
f. Vehicle License No./State: 5P28165
Acknowledgement of Receipt of Materials.
g. Driver Signature — 2/9/98 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Generator completes a-d, destination site completes e-f.)

a. Site Name: Vasco Road Landfill
c. Phone No.: 510-447-0491
b. Physical Address: 4001 N Vasco Rd Livermoore, CA 94565
d. Mailing Address 4001 N Vasco Rd Livermoore, CA 94565
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 020998 Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name:
b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

REORDER ONLY THROUGH BFI / UARCO CONTRACT

RETURN TO GENERATOR

260-7208 5/93

DUTRA MATERIALS

114106

03 MAIN OFFICE
1000 PT. SAN PEDRO RD., SAN RAFAEL, CA 94901
(415) 459-7740

01 961 WESTERN DR.
RICHMOND, CA 94801
PHONE (510) 970-7710

07 1600 PETALUMA BLVD., SO.
PETALUMA, CA 94952
(707) 763-0991

08 17624 USS LIBERTY LANE
MIDDLETOWN, CA 95461
(707) 987-9740

09 4001 W. WINTON
HAYWARD, CA 94545
(510) 887-8070

DELTA ANCHOR BUSINESS FORMS — 209/941-0961 7208462

01 RICHMOND WEIGHMASTER CERTIFICATE 14106

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

By #13 »» RECYCLE »» Deputy

DATE 2/10/98 TRUCK 02235 LOAD 1

CUSTOMER TOTAL TONS: 18.08

1210 CAL INCORPORATED MAX TONS:
2040 PEABODY STE 400 707-446-7996

PROJECT

1002 NO JOB # DUBLIN
CAMP PARKS
DUBLIN

MATERIAL 882 DUMP CHG CONCRE DELIVERY TYPE 1

		NET TONS
GROSS LBS:	67540	
TARE LBS:	31380	
NET LBS:	36160	18.08

DRIVER ON [X] OFF [ ] TIME OUT 10:55:27

GROSS & TARE

Rec. By X

DRIVER'S SIGNATURE

DUTRA MATERIALS

C2406

DRIVER'S COPY

FORM # 70-03 8/98

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/09/98	Bernard, Jeri	DEPUTY	10:21

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889217

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		1	22.12

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)	
ELIOT AGGREGATES 104	
SCALE NO.	DRIVER ON OFF
Scale 1	
RECEIVED BY:	
X 62284	

WEIGHTS

NET:	22.12 TON
NET LBS:	44240
TARE LBS:	31360
GROSS LBS:	75600

DRIVER'S COPY

FORM # 70-03/98

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/09/98	Bernard, Jeri	DEPUTY	15:34

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889293

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

CONTROL NO. 889293

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		3	69.18

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON	OFF
Scale 1		

RECEIVED BY:
X 62284

WEIGHTS

NET:	23.70 TON
NET LBS:	47400
TARE LBS:	31360
GROSS LBS:	78760

* Predetermined Tare

DRIVER'S COPY

FORM # TO-03 8/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/09/98		Bernard, Jeri DEPUTY	12:34

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889257

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

889257

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807	091	2	45.48

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X

WEIGHTS

NET: 23.36 TON

NET LBS: 46720
TARE LBS: 31340
GROSS LBS: 78060

DRIVER'S COPY

FORM # 70-0046/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR WEIGHMASTER	TIME
02/10/98	Bernard, Jeri DEPUTY	10:48

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889363

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P.O. BOX 218 BYRON, CA 94514	VARIOUS

CONFIRMED

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER-TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		3	67.71

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X _____

WEIGHTS

NET: 23.32 TON

NET LBS: 46640
TARE LBS: 31240
GROSS LBS: 77880

DRIVER'S COPY

FORM # 70-03 6/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Bernard, Jeri	DEPUTY	12:58

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889396

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		6	136.59

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)		WEIGHTS
ELIOT AGGREGATES 104		NET: 23.59 TON
SCALE NO.	DRIVER ON OFF	NET LBS: 47180
Scale 1		TARE LBS: 31240
RECEIVED BY:		GROSS LBS: 78420
X _____		* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/96

RMC·LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

A 0

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Bernard, Jeri	DEPUTY	15:19

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889411

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

CONFIRMED 1/14/98

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		9	206.30

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)

ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON	OFF
Scale 1		

RECEIVED BY:

X _____

WEIGHTS

NET: 24.10 TON

NET LBS: 48200
TARE LBS: 31240
GROSS LBS: 79440
* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 8/98

RMC·LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Silva, Bob	DEPUTY	08:01

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889327

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

CANCELLED
AUG 07

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK dillard

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
J466		1	23.77

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X _____

WEIGHTS

NET: 23.77 TON

NET LBS: 47540
TARE LBS: 31440
GROSS LBS: 78980

DRIVER'S COPY

FORM # 70-03 8/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Bernard, Jeri	DEPUTY	10:52

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889366

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK dillard

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
J466		4	91.93

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)

ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON	OFF
Scale 1		

RECEIVED BY:

X _____

WEIGHTS

NET: 24.22 TON

NET LBS: 48440

TARE LBS: 31440

GROSS LBS: 79880

* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/96

RMC·LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Silva, Bob	DEPUTY	13:32

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889400

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

889400

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK dillard

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
J466		7	158.95

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)		WEIGHTS
ELIOT AGGREGATES 104		
SCALE NO.	DRIVER ON OFF	NET: 22.36 TON
Scale 1		NET LBS: 44720
RECEIVED BY:		TARE LBS: 31440
X _____		GROSS LBS: 76160
		* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER DEPUTY	TIME
02/10/98	Silva, Bob		09:12

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889343

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807		2	44.39

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X Claudia Ruiz

WEIGHTS

NET: 20.62 TON

NET LBS:	41240
TARE LBS:	32420
GROSS LBS:	73660

DRIVER'S COPY

FORM # 70-03 8/96

RMC·LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/10/98	Bernard, Jeri	DEPUTY	12:08

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889381

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

CONTROL NO. 1881688

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807		5	113.00

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X Claudia Ruiz

WEIGHTS

NET: 21.07 TON

NET LBS: 42140
TARE LBS: 32420
GROSS LBS: 74560
* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR WEIGHMASTER / DEPUTY	TIME
02/10/98	Silva, Bob	14:33

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889407

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

CONFIRMED 889407

PRODUCT NO.	PRODUCT DESCRIPTION
1605	GRAVEL- 1/4 X 1/8

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807		8	182.20

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X _____

WEIGHTS

NET: 23.25 TON

NET LBS: 46500
TARE LBS: 32420
GROSS LBS: 78920
* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 8/98

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98	Silva, Bob	DEPUTY	07:11

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889435

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD. -CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		1	23.01

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X _____

WEIGHTS

NET: 23.01 TON
NET LBS: 46020
TARE LBS: 31280
GROSS LBS: 77300

DRIVER'S COPY

FORM # 70-03 6/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98	Bernard, Jeri	DEPUTY	09:37

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889458

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

889458

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD.-CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		3	66.52

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIDT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY:
X _____

WEIGHTS

NET: 24.16 TON

NET LBS: 48320
TARE LBS: 31280
GROSS LBS: 79600
* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/99

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98	Bernard, Jeri	DEPUTY	10:49

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889472

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

CONFIRMED

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD. -CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		4	90.79

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)		WEIGHTS
ELIOT AGGREGATES 104		
SCALE NO.	DRIVER ON OFF	NET: 24.27 TON
Scale 1		NET LBS: 48540
RECEIVED BY:		TARE LBS: 31280
X _____		GROSS LBS: 79820
		* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 8/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98	Bernard, Jeri	DEPUTY	11:40

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	13836	11-20134	889479

SOLD TO:
DILLARD TRUCKING INC.
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

CONFIRMED 02/11/98

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD.-CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
R809		6	135.13

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON	DRIVER OFF
Scale 1		

RECEIVED BY:
X _____

WEIGHTS

NET: 23.04 TON

NET LBS: 46080
TARE LBS: 31280
GROSS LBS: 77360
* Predetermined Tare

DRIVER'S COPY

FORM # 70-03 6/96

RMC LONESTAR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98	Bernard, Jeri	DEPUTY	09:03

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889451

SOLD TO:
DILLARD TRUCKING INC
P O BOX 218
BYRON, CA 94514

DELIVERED TO:
VARIOUS

CONTROL NO. 0889451

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD. -CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION
999	CUSTOMER TRUCK DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807		2	42.36

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)
ELIOT AGGREGATES 104

SCALE NO.	DRIVER ON OFF
Scale 1	

RECEIVED BY
X

WEIGHTS

NET: 19.35 TON

NET LBS: 38700
TARE LBS: 31740
GROSS LBS: 70440

DRIVER'S COPY

FORM # 70-03 8/98

RMC LONESTAR

WEIGHMASTER CERTIFICATE

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DATE	RMC LONESTAR	WEIGHMASTER	TIME
02/11/98		Bernard, Jeri DEPUTY	11:35

CUSTOMER ID	OUR ORDER NO.	CUSTOMER ORDER NO.	SHIPPING NUMBER
19764	3836	11-20134	889478

SOLD TO:	DELIVERED TO:
DILLARD TRUCKING INC P O BOX 218 BYRON, CA 94514	VARIOUS

889478

PRODUCT NO.	PRODUCT DESCRIPTION
5210	AGG. BASE SLD. -CL2, 3/4"

HAULER NO.	HAULER DESCRIPTION	
999	CUSTOMER TRUCK	DILLARD

OUR TRUCK NO.	CUSTOMER TRUCK NO.	LOADS TODAY	TONS TODAY
E807		5	112.09

WEIGHED AT: (SEE REVERSE SIDE FOR PLANT I.D.)		WEIGHTS
ELIOT AGGREGATES 104		NET: 21.30 TON
SCALE NO.	DRIVER ON OFF	NET LBS: 42600
Scale 1		TARE LBS: 31740
RECEIVED BY:		GROSS LBS: 74340
X		* Predetermined Tare

#167667
CAD981692809
Hazardous Waste Hauler #1715

Dillard Trucking, Inc. dba
Dillard Environmental Services

P.O. BOX 579
BYRON, CA 94514
(510) 634-6850

SHIPPING ORDER and FREIGHT BILL
63723

Date 7 / 7 /19 98

TRUCK NO. 091 TRAILER NO. 370

SUB. HAULER [illegible]

PRIME CARRIER [illegible]	JOB NO. 636/003	CONSIGNEE [illegible]	
SHIPPER [illegible]		DESTINATION 5 th + [illegible] Rd	
POINT OF ORIGIN [illegible]		CITY [illegible] Ca	
CITY Byron - Calif		BEGINNING MILEAGE 646008	ENDING MILEAGE

MATERIALS		LOADING		UNLOADING		FUEL – GALLONS		FUEL – VENDOR	
NO	MANIFEST NO.	YARDS OR WEIGHT	TIME ARRIVE	TIME LEAVE	TIME ARRIVE	TIME LEAVE	#1	#2	#1	#2
[illegible]	9237	23.36	11:45	12:30	1:00	1:55		646	091	
29	1943	24.35	1:35	2:00	2:20	6:15				
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

Handwritten across rows 9–13: (1) Had to load self first. time to do so

OFFICE USE ONLY

UNITS	
RATE PER UNIT	$
SUB TOTAL	$

COMMENTS: (2) Was stuck at BFI truck not [illegible] on Engine Not working
(1) Stuck in mud 2:20 - 6:15

START	STOP	DEDUCT TIME	NET TIME	TOTAL CHARGES	$
11:00	6:45				

DRIVER [illegible signature]		RECEIVED BY	APPROVED (BILLING)	DATE
RECEIVED	DATE	APPROVED BY	APPROVED (PAYROLL)	DATE

#167667
#CAD981692809
Hazardous Waste Hauler #1715

Date 2 / 10 /19 98

TRUCK NO. 05 TRAILER NO. 320

SUB. HAULER Dillard

Dillard Trucking, Inc. dba Dillard Environmental Services

P.O. BOX 579
BYRON, CA 94514
(510) 634-6850

SHIPPING ORDER and FREIGHT BILL
63724

PRIME CARRIER Dillard JOB NO 63-1002 CONSIGNEE Chevron - Concord

SHIPPER Chevron Tank Farm DESTINATION Stockton Service Station

POINT OF ORIGIN P.O. Box 218 CITY Dillard Co.

CITY Byron, Ca. BEGINNING MILEAGE 616091 ENDING MILEAGE 616243

MATERIALS NO	MANIFEST NO	YARDS OR WEIGHT	LOADING TIME ARRIVE	LOADING TIME LEAVE	UNLOADING TIME ARRIVE	UNLOADING TIME LEAVE
1	7164	20 62	6:45	6:45	9:45	10:30
2	7165	23 30	9:45	10:30	11:00	11:15
3	7164	21 07	11:45	12:15	12:30	1:00
4	7930	21 [illegible]	12:15	1:10	1:30	1:45
5	7164	23.25	2:15	2:30	3:00	3:45
6	7165	23 07	2:00	3:15	4:15	4:30
7						
8						
9						
10						
11						
12						
13						

FUEL – GALLONS #1	#2	FUEL – VENDOR #1	#2
153.99 gal		Shell	

OFFICE USE ONLY

UNITS	
RATE PER UNIT	$
SUB TOTAL	$

14 COMMENTS:
15
16
17

START 5 am STOP 5 pm DEDUCT TIME NET TIME TOTAL CHARGES $

DRIVER [signature] RECEIVED BY APPROVED (BILLING) DATE

RECEIVED DATE APPROVED BY APPROVED (PAYROLL) DATE

MAKE DELIVERIES INSIDE THE CURB LINE AND ON THE LOT AT THE CUSTOMER'S RISK ONLY AND ACCEPT NO RESPONSIBILITY FOR DAMAGES RESULTING FROM SUCH DELIVERIES. ALL BILLS DUE AND PAYABLE BY THE 10TH OF THE MONTH. A 1-1/2% PER MONTH CHARGED ON PAST DUE ACCOUNTS. THIS IS AN ANNUAL PERCENTAGE RATE OF 18%. CUSTOMER WILL BE RESPONSIBLE FOR ALL COURT AND ATTORNEY COSTS FOR COLLECTION

P[illegible] #167667
[illegible]CAD981692809
Hazardous Waste Hauler #1715

Dillard Trucking, Inc. dba Dillard Environmental Services

P.O. BOX 579
BYRON, CA 94514
(510) 634-6850

SHIPPING ORDER and FREIGHT BILL
63725

Date 2/11/19 98

TRUCK NO. 09 TRAILER NO. 370

SUB. HAULER Dillard

PRIME CARRIER Dillard JOB NO. 636/002 CONSIGNEE Caltrans Contract

SHIPPER Dillard Trucking DESTINATION 5-SR4 Debris Pile

POINT OF ORIGIN PO Box 579 CITY Dublin, Ca

CITY Byron, Ca BEGINNING MILEAGE 60603 ENDING MILEAGE

MATERIALS			LOADING		UNLOADING		FUEL – GALLONS		FUEL – VENDOR	
NO	MANIFEST NO.	YARDS OR WEIGHT	TIME ARRIVE	TIME LEAVE	TIME ARRIVE	TIME LEAVE	#1	#2	#1	#2
1	19764	1935	5:30	9:00	9:25	10:00				
2	24932	24090	10:00	11:00	10:30	10:45	OFFICE USE ONLY			
3	19764	2130	11:15	11:30	11:45	12:00	UNITS			
4							RATE PER UNIT	$		
5							SUB TOTAL	$		
7										
8										
9										
10										
11										
12										
13										
14	COMMENTS:									
15										
16										
17										

START	STOP	DEDUCT TIME	NET TIME		
7:30 AM				TOTAL CHARGES	$
DRIVER Dana Branch			RECEIVED BY	APPROVED (BILLING)	DATE
RECEIVED	DATE		APPROVED BY	APPROVED (PAYROLL)	DATE

MAKE DELIVERIES INSIDE THE CURB LINE AND ON THE LOT AT THE CUSTOMERS RISK ONLY AND ACCEPT NO RESPONSIBILITY FOR DAMAGES RESULTING FROM SUCH DELIVERIES. ALL BILLS DUE AND PAYABLE BY THE 10TH OF THE MONTH. A 1-1/2% PER MONTH CHARGED ON PAST DUE ACCOUNTS. THIS IS AN ANNUAL PERCENTAGE RATE OF 18%. CUSTOMER WILL BE RESPONSIBLE FOR ALL COURT AND ATTORNEY COSTS FOR COLLECTION

...C #167667
...AD981692809
Hazardous Waste Hauler #1715

Date 2/11/19 GT

TRUCK NO. 591 TRAILER NO. 340

SUB. HAULER

Dillard Trucking, Inc. dba Dillard Environmental Services

P.O. BOX 579
BYRON, CA 94514
(510) 634-6850

SHIPPING ORDER and FREIGHT BILL
62286

PRIME CARRIER Dillard Trucking	JOB NO. 636-002	CONSIGNEE BFI Landfill	
SHIPPER CAL INC.		DESTINATION 4001 N Vasco Rd.	
POINT OF ORIGIN 5th Camp Parks		CITY Livermore, Ca.	
CITY Dublin, Ca.		BEGINNING MILEAGE 662208	ENDING MILEAGE

MATERIALS 3/4 AB

NO	MANIFEST NO.	YARDS OR WEIGHT	LOADING TIME ARRIVE	LOADING TIME LEAVE	UNLOADING TIME ARRIVE	UNLOADING TIME LEAVE
1	849435	23.01	7:00	7:15	730	7:30
2	994933	26.17	7:30	8:15	8:45	9:00
3	849458	24.16	9:30	9:45	10:00	10:15
4	989472	24.27	10:30	10:45	11:00	11:15
5	989479	23.64	11:30	11:45	12:00	12:15
6						
7						
8						
9						
10						
11						
12						
13						
14	COMMENTS:					
15						
16						
17						

FUEL – GALLONS #1	FUEL – GALLONS #2	FUEL – VENDOR #1	FUEL – VENDOR #2

OFFICE USE ONLY

UNITS	
RATE PER UNIT	$
SUB TOTAL	$
TOTAL CHARGES	$

START	STOP	DEDUCT TIME	NET TIME
6:00	1:15	0	

DRIVER G Rogers	RECEIVED BY	APPROVED (BILLING)	DATE
RECEIVED DATE	APPROVED BY	APPROVED (PAYROLL)	DATE

MAKE DELIVERIES INSIDE THE CURB LINE AND ON THE LOT AT THE CUSTOMER'S RISK ONLY AND ACCEPT NO RESPONSIBILITY FOR DAMAGES RESULTING FROM SUCH DELIVERIES. ALL BILLS DUE AND PAYABLE BY THE 10TH OF THE MONTH. A 1-1/2% PER MONTH CHARGED ON PAST DUE ACCOUNTS. THIS IS AN ANNUAL PERCENTAGE RATE OF 18%. CUSTOMER WILL BE RESPONSIBLE FOR ALL COURT AND ATTORNEY COSTS FOR COLLECTION