E-TECH SERVICES

408 Lewis Lane
Pacifica, California 94044
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Review for closure

Ms. Eva Chu
Al;ameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
1131 Harbor Bay Parkway
Alameda, California 94501

March 14, 1996

SUBJECT: QUARTERLY MONITORING AND SOIL PILE DISPOSAL REPORTS FOR SUBJECT PROPERTY LOCATED AT 1700 Park Street, Alameda, Ca

Dear Ms. Chu,

Enclosed with this letter are the most recent quartely monitoring report and the soil pile disposal report for the above mentioned site located at 1700 Park Street, Alameda, California. E-Tech Services (**E-tech**) completed the environmental services under contract by Mr. Dave Cavanaugh, property owner and are submitting them to you as required by the State. If you have any questions or comments please do not hesitate to call us at (415) 359-6590. The personnel at **E-Tech** thank you for your cooperation on this project.

Sincerely,

Tom Ghigliotto
Project Manager

alameda.ltr

GROUNDWATER MONITORING REPORT

Cavanaugh Motors Facility
1700 Park Street
Alameda, California

March 8, 1996

Prepared for

Mr. Dave Cavanaugh
Cavanaugh Motors
1700 Park Street
Alameda, California 94501

Prepared by

E-Tech Services
408 Lewis Lane
Pacifica, California 94044

Project No. 95009

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1700 PARK STREET, ALAMEDA, CALIFORNIA

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Groundwater Monitoring Report
Cavanaugh Motors Facility
1700 Park Street
Alameda, California

E-Tech Services supervised the preparation of this Groundwater Monitoring Report, dated February 15, 1996, for the Cavanaugh Motors facility in the City of Alameda, Alameda County, California. Techniques and standards of care common to the consulting geologic profession in California, were used in the preparation of this report.

This document, signed and stamped with seal, follows section 7835 of the Geologist and Geophysicists Act, Business and Professionals Code, State of California and the requirements of the California Regional Water Quality Control Board, San Francisco Bay Region.

Tom Ghigliotto
Senior Project Manager

E-Tech Services Certifying Professional;

Ron Mecshino
Registered Civil Engineer No. 27598
License expires December 31, 1997.

Date: 3/14/96

GROUNDWATER MONITORING REPORT
1700 Park Street, Alameda, California

1.0 SUMMARY OF FINDINGS

In December 1989 and August 1990, two underground storage tanks (a gasoline tank and a waste oil tank) were removed from separate locations on the site. In April, 1990, and January 1991, approximately 120 cubic yards of accessible contaminated soils were excavated from the tank locations. Approximately 120 cubic yards of contaminated soils are being treated on site.

TMC ENVIRONMENTAL, INC. (**TMC**) subsequently installed six groundwater monitoring wells at the site and are indicated in this report as MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6. Monitoring well MW-1, which was located in the former gasoline tank excavation pit, has since been destroyed with the authorization of the Alameda County Health Care Services Agency, Department of Environmental Health, Division of Hazardous Materials (ACHCSA), and under permit from the Alameda County Flood Control and Water District, Zone Seven (ZONE 7). The well destruction was performed by Bay Area Exploration, Inc. (BAE), a State licensed drilling contractor, on February 27, 1995. Monitoring well MW-2 is located up-gradient from the former gasoline tank and is near the southern limits of the site. Monitoring well MW-4 is located in the western portion of the site,"cross-gradient" from the former gasoline tank. Groundwater monitoring well MW-6 is located within the limits of the former waste oil tank excavation inside the existing auto repair shop. Monitoring wells MW-3 and MW-5 are located in the down gradient direction from the former waste oil tank.

Due to the proximity of buildings, not all of the soil contamination was excavated from the former gasoline tank pit. In March, 1993, **TMC** installed a soil vapor extraction system in the vicinity of the former gasoline tank to remediate gasoline-contaminated soils (associated with the former gasoline tank) remaining at the site. To verify that the soil contamination was remediated, four soil borings were placed within the soil contaminant plume. **TMC** performed this work August 25, 1994. Sample results revealed that the soil vapor extraction system was effective in remediating soil contamination that remained in the vicinity of the former gasoline tank. With the authorization of the ACHCSA, the vapor wells associated with this system were subsequently destroyed by BAE on February 27, 1995 under permit from ZONE 7. **TMC** supervised all well destruction activities.

Per the request of the ACHCSA, **TMC** installed an additional groundwater monitoring well (August 25, 1994) down gradient from the former gasoline tank. This well was constructed similarly to the existing monitoring wells and is indicated as MW-7 on the attached plates. Chemical analysis of soil samples recovered from this well revealed non-detectable levels of gasoline and benzene, toluene, ethylbenzene, and xylene (BTEX).

Per the authorization of the ACHCSA, **TMC** modified the quarterly sampling schedule as follows: sample MW-7 quarterly; sample MW-3, MW-5, and MW-6 semi-annually; and discontinue sampling of MW-2 and MW-4. However, groundwater elevation data is collected from all wells during every sampling episode. The elevation data is subsequently used in the calculation of the average groundwater gradient and flow direction across the site.

As of November 1995, E-Tech Services (E-Tech), of Pacifica, California has been contracted as Mr. Cavanagh's Environmental Consultant. The first sampling episode performed by E-Tech is this quarter, dated December 18, 1995. It is the understanding of E-Tech that this is the fourteenth (14th) quarterly monitoring episode performed at the subject site. During the December 18, 1995 sampling event, a sample was recovered from MW-7. The sample revealed non-detectable levels of gasoline and BTEX. Groundwater samples recovered from this well during the September 1994, January and April 1995 sampling events also revealed non-detectable levels of gasoline and BTEX.

Groundwater gradient and direction was estimated by using water levels measurements from monitoring wells MW-2, MW-4 and MW-5. Recent groundwater data indicates groundwater flows in a north westerly direction, with a gradient of 0.0203 feet/foot.

2.0 GENERAL SITE INFORMATION

2.1 SITE LOCATION

The Cavanaugh Motors property, called "site" in this report, is at the following address and description (see Plate 1, Site Vicinity Map):

1700 Park Street, City of Alameda
Alameda County, California
Appraisers parcel number: APN 70-192-21-1 and 24
Lots 1, 2, 3, portion of 4, 7 Block E of Alameda
Station Homestead Tract (Book 17 page 60)

The site is at the northeast corner of the intersection of Park Street and Buena Vista Avenue. The corner lot is approximately 150 feet by 200 feet in dimension.

2.2 RESPONSIBLE PARTY

The current property owners are:

Lee and Dave Cavanaugh
1700 Park Street, Alameda, California 94501

Mr. Dave Cavanaugh is the site contact, and can be reached at (510) 523-5246.

2.3 CONSULTANT OF RECORD

The consultant of record for this project is:

E-Tech Services (E-Tech)
408 Lewis Lane
Pacifica, California 94044

The contacts for E-Tech are Mr. Tom Ghigliotto, Senior Project Manager and Mr. Marc Edwards, project Manager. Mr. Ghigliotto and Mr. Edwards can be reached at (415) 359-6590

2.4 LEAD IMPLEMENTING AGENCY

The enforcing agency authorized by the Regional Water Quality Control Board (RWQCB) to oversee this site is:

Alameda County Health Care Services Agency
Department of Environmental Health
Division of Hazardous Materials
1131 Harbor Bay Parkway, Alameda, California 94501

The officer overseeing this case is Ms. Eva Chu. Ms. Chu can be called at (510) 337-2864.

E-Tech followed the guidelines of the enforcing agency and the Bay Area Regional Water Quality Control Board (RWQCB) in preparing this report. The investigation, reclamation, and reporting guidelines applicable to leaking underground fuel tanks, available through these agencies, apply to this site. These guidelines are available from the Alameda County Health Care Services Agency (ACHCSA).

2.5 SITE CONDITION

The site is presently being used as an automobile dealership and repair facility. The property is located in a commercial and residential neighborhood. Current activities include: a new car show-room; sales offices; parts storage and distribution; outside car storage; and a vehicle repair shop; see Plate 2, Site Plan. No underground storage facilities exist at the site.

Foot and vehicle traffic is heavy in this neighborhood and site. The site contains a large building with paved parking areas and driveways. Access to the dealership is from both Park Street that borders the property on the north, and from Buena Vista Avenue that borders the property on the south. A gasoline station and automobile dealers occur across Park Street to the west and south, respectively. A motor vehicle repair shop bounds the site on the northeast. Adjacent to the site on the eastern portion of the site is a residential neighborhood.

Six groundwater monitoring wells exist at the site. These are indicated in this report and on Plate 2, Site Plan, as MW-2, MW-3, MW-4, MW-5, MW-6 and MW-7. These wells are constructed to monitor the shallow water bearing zone beneath the site. Monitoring well MW-1, which was located in the former gasoline tank excavation pit, was destroyed on February 27, 1995 with the authorization of the ACHCSA and under permit from ZONE 7.

2.6 GEOLOGY

The site is approximately one half mile west of the Oakland Estuary and Inner Harbor Waterway. San Francisco Bay is about one mile west of the site. The Inner Harbor Waterway connects San Leandro Bay and San Francisco Bay. As suggested by U.S. Geological Survey geological publications, the site is on the Alameda Bay Plain that has an alluvial fan environment. The Merritt Sand Formation is the main stratigraphic unit in the upper aquifer. This unit usually has unconsolidated beach sand and near shore deposits. Borings on the site have encountered unconsolidated sands and clayey sands. Lenses of clayey sand occur in the sand. It appears that groundwater in the Merritt Sand Formation is unconfined. Groundwater is approximately eight feet below surface grade (BSG) at the site during most of the year, but may rise to within five feet BSG during winter rainfall.

2.7 ENVIRONMENTAL SITE WORK

In December 1989 and August 1990, two underground storage tanks (one gasoline and one automotive waste oil) were removed from separate locations at the site; see Plate 2. Soil samples recovered during the tank removal activities revealed the presence of petroleum materials. The soils found to be contaminated, and accessible, were excavated and stockpiled on site.

Approximately 120 cubic yards of contaminated soil were removed and stockpiled on site. Site conditions prevented the complete removal of contaminated soils associated with the gasoline tank.

Subsequent to the tank removals and soil excavation, **TMC** performed a subsurface soils and groundwater investigation at the site. As part of the investigation, six groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5 and MW-6. Detectable levels of gasoline were found in soils and groundwater in the vicinity of the former gasoline tank. Detectable levels of diesel/kerosene and dichlorobenzene were found in the vicinity of the former waste oil tank. Results of this investigation work and the subsequent quarterly monitoring indicate ground water contamination associated with the former tanks is localized.

During the subsurface investigation work, four vapor extraction wells (VW-1, VW-2, VW-3 and VW-4) were installed at the site The purpose of the extraction wells was to remediate the contaminated soils in the vicinity of the former gasoline tank. **TMC** constructed a soil vapor extraction system in February 1993. Initial pilot tests of the system revealed that elevated groundwater levels at the site (due to high rainfall) hampered the effectiveness of the system. Once the groundwater levels dropped, the system was started (July 7, 1993). Its operation continued until influent soil - vapor readings declined and stabilized to approximately 40 ppm. The system was shut down January 24, 1994.

On August 25, 1994, **TMC** drilled four soil borings in the vicinity of MW-1 and the former gasoline tank. These borings are indicated as VB-1, VB-2, VB-3, and VB-4. The purpose of this work was to verify that the soil vapor extraction system was effective in remediating soil contaminated soils associated with the former tank.

TMC additionally constructed a groundwater monitoring well approximately 10 feet down gradient from the former gasoline tank, indicated as MW-7.

Results of the soil samples recovered from the verification bores (VB-1 through VB-4) and the groundwater monitoring well MW-7 revealed detectable levels of Ethyl Benzene in sample VB3-2 (7 - 7½ feet) of 12 parts per billion (ppb). All other soil samples had non-detectable levels of the target analytes.

On February 27, 1995 **TMC** supervised the destruction of monitoring well MW-1 and the vapor recovery wells. MW-1 was destroyed in anticipation of excavation activities scheduled to occur in the immediate vicinity of the former well and the former gasoline tank. The vapor extraction wells were destroyed as they were no longer in use. The well destruction activities were approved by the ACHCSA and were permitted by ZONE 7 prior to the commencement of work.

3.0 GROUNDWATER SAMPLING

On December 18, 1995, E-Tech recovered groundwater samples from monitoring well MW-7 in accordance with the sampling schedule set forth in the ACHCSA letter dated December 29, 1994.

The ground water sample from MW-7 was analyzed for the target chemicals of total petroleum hydrocarbons as gasoline (TPH-g), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). The following tables summarize recent and previous analyses results. Table 1, Gasoline Results for Groundwater Samples, lists the historic gasoline results for samples recovered from the site and this sampling of MW-7.

TABLE 1 GASOLINE RESULTS FOR GROUND WATER SAMPLES

Date Sampled	*Monitoring Well*	*TPH gas ug/L*	*Benzene ug/L*	*Toluene ug/L*	*Ethyl benzene ug/L*	*Xylenes ug/L*
June 1990 Groundwater Sampling						
6-08-90	**MW-1**	**28000**	**6200**	**7000**	**630**	**6100**
6-08-90	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
6-08-90	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
6-08-90	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
December 1990 Groundwater Sampling						
12-17-90	**MW-1**	**7200**	**620**	**250**	**1200**	**1400**
12-17-90	**MW-2**	**ND<50**	**1.1**	**ND<0.5**	**2.3**	**2.1**
12-17-90	**MW-3**	**140**	**ND<0.5**	**1.3**	**1.3**	**9.1**
12-17-90	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
July 1991 Groundwater Sampling						
7-29-91	**MW-1**	**21000**	**890**	**1900**	**320**	**1700**
7-30-91	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
7-18-91	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**

Date Sampled	*Monitoring Well*	*TPH gas ug/L*	*Benzene ug/L*	*Toluene ug/L*	*Ethyl benzene ug/L*	*Xylenes ug/L*
7-30-91	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
7-18-91	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**0.9**
7-18-91	**MW-6**	**ND<50**	**1.3**	**ND<0.5**	**ND<0.5**	**1.6**
December 1991 Groundwater Sampling						
12-4-91	**MW-1**	**4300**	**3.2**	**1.3**	**88**	**630**
12-4-91	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
12-4-91	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
12-4-91	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
12-4-91	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
12-4-91	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
April 1992 Groundwater Sampling						
4-30-92	**MW-1**	**16000**	**910**	**2000**	**250**	**1400**
4-29-92	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
4-29-92	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
4-29-92	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
4-30-92	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
4-30-92	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
July 1992 Groundwater Sampling						
7-28-92	**MW-1**	**12000**	**1200**	**2300**	**340**	**1800**
7-27-92	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
7-27-92	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
7-27-92	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
7-27-92	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
7-28-92	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
October 1992 Groundwater Sampling						

Date Sampled	*Monitoring Well*	*TPH gas ug/L*	*Benzene ug/L*	*Toluene ug/L*	*Ethyl benzene ug/L*	*Xylenes ug/L*
10-19-92	**MW-1**	**5000**	**400**	**710**	**170**	**750**
10-19-92	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
10-19-92	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
10-19-92	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
10-19-92	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
10-19-92	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
February 1993 Groundwater Sampling						
2-24-93	**MW-1**	**8800**	**780**	**1200**	**230**	**1000**
2-24-93	**MW-2**	**ND<50**	**0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-24-93	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-24-93	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-24-93	**MW-5**	**ND<50**	**ND<0.5**	**1.8**	**ND<0.5**	**ND<0.5**
2-24-93	**MW-6**	**ND<50**	**ND<0.5**	**6.8**	**ND<0.5**	**ND<0.5**
May 1993 Groundwater Sampling						
5-19-93	**MW-1**	**24000**	**2500**	**4700**	**560**	**3100**
5-19-93	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-19-93	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-19-93	**MW-4**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-19-93	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-19-93	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
August 1993 Groundwater Sampling						
8-11-93	**MW-1**	**13000**	**1200**	**2100**	**350**	**2000**
8-11-93	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
8-11-93	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
8-11-93	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**

Date Sampled	*Monitoring Well*	*TPH gas ug/L*	*Benzene ug/L*	*Toluene ug/L*	*Ethyl benzene ug/L*	*Xylenes ug/L*
8-11-93	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**0.8**	**ND<0.5**
8-11-93	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**7.9**	**ND<0.5**
February 1994 Groundwater Sampling						
2-2-94	**MW-1**	**7300**	**600**	**920**	**250**	**1,000**
2-2-94	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-2-94	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-2-94	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-2-94	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
2-2-94	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
May 1994 Groundwater Sampling						
5-26-94	**MW-1**	**15000**	**1200**	**2000**	**370**	**1500**
5-26-94	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-26-94	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-26-94	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-26-94	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
5-26-94	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
September 1994 Groundwater Sampling						
9-15-94	**MW-1**	**4900**	**150**	**340**	**100**	**410**
9-15-94	**MW-2**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
9-15-94	**MW-3**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
9-15-94	**MW-4**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
9-15-94	**MW-5**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
9-15-94	**MW-6**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
9-15-94	**MW-7**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**
January 13, 1995 Groundwater Sampling						

Date Sampled	*Monitoring Well*	*TPH gas ug/L*	*Benzene ug/L*	*Toluene ug/L*	*Ethyl benzene ug/L*	*Xylenes ug/L*
1-13-95	MW-1	11000	260	770	310	1200
1-13-95	MW-2	ns	ns	ns	ns	ns
1-13-95	MW-3	NA	NA	NA	NA	NA
1-13-95	MW-4	ns	ns	ns	ns	ns
1-13-95	MW-5	NA	NA	NA	NA	NA
1-13-95	MW-6	NA	NA	NA	NA	NA
1-13-95	MW-7	ND<50.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
April 26, 1995 Groundwater Sampling						
4-26-95	MW-2	ns	ns	ns	ns	ns
4-26-95	MW-3	ns	ns	ns	ns	ns
4-26-95	MW-4	ns	ns	ns	ns	ns
4-26-95	MW-5	ns	ns	ns	ns	ns
4-26-95	MW-6	ns	ns	ns	ns	ns
4-26-95	MW-7	ND<50.0	ND<0.50	ND<05	ND<0.5	
December 18, 1995 Groundwater Sampling						
12-18-95	MW-7	ND	ND	ND	ND	ND

ND - Not detected below reporting limits; NA - Not analyzed; ns - Not sampled

Samples collected from MW-7 (located down gradient of the former gasoline tank) continue to reveal non-detectable levels of TPH-g and BTEX. TPH-g and BTEX were also non-detectable at the September 1994 and January and April 1995 sampling episodes. The four consecutive quarters of non-detectable levels of any target analyte in the down gradient direction of the former tank pit, suggests that the vapor recovery system installed and run by TMC was effective in removing any petroleum

Table 2 presents historic results of laboratory analyses for extractable petroleum hydrocarbons (Diesel/Kerosene, Oil and Grease) and purgeable halocarbons (Chlorobenzene). This table presents past sampling event data only, as monitoring wells MW-3, MW-5, and MW-6 were not sampled during the recent quarter.

TABLE 2 DIESEL, OIL & GREASE AND CHLOROBENZENE RESULTS FOR WATER SAMPLES

Date Sampled	*Monitoring Well*	*Diesel ug/L*	*Kerosene ug/L*	*Oil & Grease mg/L*	*Chlorobenzene ug/L*
July 1991 Groundwater Sampling					
7-18-91	**MW-3**	**NA**	**NA**	**ND<5**	**NA**
7-18-91	**MW-5**	**NA**	**NA**	**ND<5**	**NA**
7-18-91	**MW-6**	**NA**	**NA**	**ND<5**	**NA**
December 1991 Groundwater Sampling					
12-4-91	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1.0**
12-4-91	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**4.6**
12-4-91	**MW-6**	**1,400**	**ND<50**	**ND<5**	**33**
April 1992 Groundwater Sampling					
4-29-92	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1.0**
4-29-92	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**3**
4-29-92	**MW-6**	**670**	**ND<50**	**ND<5**	**7**
July 1992 Groundwater Sampling					
7-28-92	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1.0**
7-28-92	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**2**
7-28-92	**MW-6**	**1,700**	**ND<50**	**ND<5**	**17**
October 1992 Groundwater Sampling					
10-19-92	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1.0**
10-19-92	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**2**
10-19-92	**MW-6**	**500**	**ND<50**	**ND<5**	**26**
February 1993 Groundwater Sampling					
2-24-93	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1.0**
2-24-93	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**1**

Date Sampled	*Monitoring Well*	*Diesel ug/L*	*Kerosene ug/L*	*Oil & Grease mg/L*	*Chlorobenzene ug/L*
2-24-93	**MW-6**	**ND<50**	**170 +**	**ND<5**	**6**
May 1993 Groundwater Sampling					
5-19-93	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND**
5-19-93	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**2**
5-19-93	**MW-6**	**670**	**ND<50**	**ND<5**	**4**
August 1993 Groundwater Sampling					
8-11-93	**MW-3**	**ND<50**	**ND<50**	**ND<5**	**ND<1**
8-11-93	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**ND<1**
8-11-93	**MW-6**	**80**	*	**7.0**	**10**
February 1994 Groundwater Sampling					
2-2-94	**MW-3**	**ND<50**	**ND<50**	**ND<05**	**ND<1**
2-2-94	**MW-5**	**ND<50**	**ND<50**	**ND<5**	**ND<1**
2-2-94	**MW-6**	**ND<50**	**220**	**ND<5**	**3**
May 1994 Groundwater Sampling					
5-24-94	**MW-3**	**ND<50**	**N/A**	**ND<5**	**ND<0.4**
5-24-94	**MW-5**	**ND<50**	**N/A**	**ND<5**	**0.6**
5-24-94	**MW-6**	**ND<50**	**N/A**	**ND<5**	**5.5**
September 1994 Groundwater Sampling					
9-15-94	**MW-3**	**ND<50**	**N/A**	**ND<5**	**ND<0.4**
9-15-94	**MW-5**	**ND<50**	**N/A**	**ND<5**	**ND<0.4**
9-15-94	**MW-6**	**ND<50**	**N/A**	**ND<5**	**4.6**
January 13, 1995 Groundwater Sampling					
1-13-95	**MW-3**	**ND<50**	**N/A**	**ND<0.5**	**ND**
1-13-95	**MW-5**	**ND<50**	**N/A**	**ND<0.5**	**1.1**

Date Sampled	*Monitoring Well*	*Diesel ug/L*	*Kerosene ug/L*	*Oil & Grease mg/L*	*Chlorobenzene ug/L*
1-13-95	**MW-6**	**210**	**N/A**	**ND<0.5**	**5.0**
April 26, 1995 Groundwater Sampling					
4-26-95	**MW-3**	**ns**	**ns**	**ns**	**ns**
4-26-95	**MW-5**	**ns**	**ns**	**ns**	**ns**
4-26-95	**MW-6**	**ns**	**ns**	**ns**	**ns**
December18, 1995 Groundwater Sampling					
12-18-95	**MW-3**	**ns**	**ns**	**ns**	**ns**
12-18-95	**MW-5**	**ns**	**ns**	**ns**	**ns**
12-18-95	**MW-6**	**ns**	**ns**	**ns**	**ns**

ND - NOT DETECTED BELOW REPORTING LIMITS
NA - NOT ANALYZED BY LABORATORY
ns - NOT SAMPLED
+ - DOES NOT MATCH DIESEL STANDARD (POSSIBLE MOTOR OIL HYDROCARBONS)
* - KEROSENE RANGE NOT REPORTED DUE TO OVERLAP OF HYDROCARBON RANGES

4.0 GROUNDWATER MEASUREMENTS

After the wells were uncapped for sampling and measurement, each was allowed to equilibrate with atmospheric pressure. The wells were periodically measured until two successive measurements of the water elevation in each well agreed within 0.01 of a foot. Details of groundwater measuring are in Attachment 3, Records of Water Sample Collection. By measuring the water levels in three groundwater monitoring wells, MW-2, MW-4, and MW-5, **E-Tech** calculated the down gradient direction and horizontal gradient. Table 3 summarizes groundwater level data collected over the thirteen sampling episodes.

TABLE 3 GROUNDWATER MEASUREMENTS FROM MONITORING WELLS

Date	*Well Label*	*Water Level*	*Casing Elevation (msl)*	*Water Elevation (msl)*
6-20-90	MW2	-7.16	16.73	9.57
6-20-90	MW3	-7.37	15.89	8.52
6-20-90	MW4	-7.60	16.39	8.79
9-13-90	MW2	-8.78	16.73	7.95
9-13-90	MW3	-8.70	15.89	7.19
9-13-90	MW4	-8.80	16.39	7.59
12-17-90	MW2	-8.78	16.73	7.95
12-17-90	MW3	-8.42	15.89	7.47
12-17-90	MW4	-8.61	16.39	7.78
12-4-91	MW2	-7.99	16.73	8.74
12-4-91	MW3	-8.18	15.89	7.71
12-4-91	MW4	-8.26	16.39	8.13
4-29-92	MW2	-6.05	16.73	10.68
4-29-92	MW3	-6.73	15.89	9.16
4-29-92	MW4	-6.81	16.39	9.58
8-29-92	MW1	-7.92	16.39	8.47
8-29-92	MW2	-7.82	16.73	8.91
8-29-92	MW3	-8.21	15.89	7.68
8-29-92	MW4	-8.14	16.39	8.25
8-29-92	MW5	-7.57	15.13	7.56
8-29-92	MW6	-8.00	15.98	7.98
10-19-92	MW1	-8.44	16.39	7.95
10-19-92	MW2	-8.37	16.73	8.36
10-19-92	MW3	-8.58	15.89	7.31
10-19-92	MW4	-8.53	16.39	7.86
10-19-92	MW5	-7.96	15.13	7.17

Date	*Well Label*	*Water Level*	*Casing Elevation (msl)*	*Water Elevation (msl)*
10-19-92	MW6	-8.44	15.98	7.54
2-24-93	MW1	-5.36	16.39	11.03
2-24-93	MW2	-5.42	16.73	11.31
2-24-93	MW3	-6.11	15.89	9.78
2-24-93	MW4	-6.30	16.39	10.09
2-24-93	MW5	-5.32	15.13	9.81
2-24-93	MW6	-5.40	15.98	10.58
5-19-93	MW-1	-6.35	16.39	10.04
5-19-93	MW-2	-6.35	16.73	10.38
5-19-93	MW-3	-7.14	15.89	8.75
5-19-93	MW-4	-7.09	16.39	9.30
5-19-93	MW-5	-6.38	15.13	8.77
5-19-93	MW-6	-6.57	15.98	9.41
8-11-93	MW-1	-8.06	16.39	8.33
8-11-93	MW-2	-8.09	16.73	8.64
8-11-93	MW-3	-8.45	15.89	7.44
8-11-93	MW-4	-8.31	16.39	8.08
8-11-93	MW-5	-7.68	15.13	7.45
8-11-93	MW-6	-8.16	15.98	7.82
2-2-94	MW-1	-7.43	16.39	8.96
2-2-94	MW-2	-7.48	16.73	9.25
2-2-94	MW-3	-7.69	15.89	8.20
2-2-94	MW-4	-7.83	16.39	8.56
2-2-94	MW-5	-6.98	15.13	8.15
2-2-94	MW-6	-7.40	15.98	8.58
5-26-94	MW-1	-6.95	16.39	9.44

Date	*Well Label*	*Water Level*	*Casing Elevation (msl)*	*Water Elevation (msl)*
5-26-94	MW-2	-6.97	16.73	9.76
5-26-94	MW-3	-7.39	15.89	8.50
5-26-94	MW-4	-7.44	16.39	8.95
5-26-94	MW-5	-6.72	15.13	8.41
5-26-94	MW-6	-7.01	15.98	8.97
9-15-94	MW-1	-8.04	16.34	8.30
9-15-94	MW-2	-7.95	16.72	8.77
9-15-94	MW-3	-8.28	15.89	7.61
9-15-94	MW-4	-8.15	16.35	8.20
9-15-94	MW-5	-7.68	15.13	7.45
9-15-94	MW-6	-8.10	15.98	7.88
9-15-94	MW-7	-8.13	16.31	8.18
1-13-95	MW-1	-5.59	16.34	10.75
1-13-95	MW-2	-5.64	16.72	11.08
1-13-95	MW-3	-5.94	15.89	9.95
1-13-95	MW-4	-6.27	16.35	10.08
1-13-95	MW-5	-5.13	15.13	10.00
1-13-95	MW-6	-5.49	15.98	10.49
1-13-95	MW-7	-5.72	16.31	10.59
4-26-95	MW-2	-5.27	16.72	11.45
4-26-95	MW-3	*	15.89	
4-26-95	MW-4	-6.17	16.35	10.18
4-26-95	MW-5	-5.47	15.13	9.66

Date	*Well Label*	*Water Level*	*Casing Elevation (msl)*	*Water Elevation (msl)*
4-26-95	**MW-6**	**-5.38**	**15.98**	**10.60**
4-26-95	**MW-7**	**-5.37**	**1631**	**10.34**
7-12-95	**MW-2**	**-6.55**	**16.72**	**10.17**
7-12-95	**MW-3**	**-7.38**	**15.89**	**8.51**
7-12-95	**MW-4**	**-7.19**	**16.35**	**9.16**
7-12-95	**MW-5**	**-6.74**	**15.13**	**8.39**
7-12-95	**MW-6**	**-6.84**	**15.98**	**9.14**
7-12-95	**MW-7**	**-6.76**	**16.31**	**9.55**
12-18-95	**MW-2**	**-7.74**	**16.72**	**8.98**
12-18-95	**MW-5**	**-7.89**	**15.13**	**7.24**
12-18-95	**MW-7**	**-8.96**	**16.31**	**7.35**
12-18-95	**MW-4**	**-9.14**	**16.35**	**7.21**

* Could not remove well cover - defective bolts

Table 4 summarizes the estimated groundwater down flow direction and horizontal gradient. E-Tech used a three point solution to estimate the direction and gradient. Groundwater level data from MW-2, MW-4 and MW-5 were used in the estimate.

TABLE 4 GROUNDWATER GRADIENT AND DIRECTION

Measurement Date	*Down Gradient Direction*	*Horizontal Gradient*	*Average Water Level feet above msl*
6-20-90	North 26 degrees West	0.009 ft/ft	9.0
9-13-90	North 2 degrees East	0.005 ft/ft	7.9
12-17-90	North 19 degrees East	0.003 ft/ft	8.1
12-4-91	North 12 degrees West	0.008 ft/ft	8.5
4-29-92	North 20 degrees West	0.012 ft/ft	9.8
8-29-92	North 5 degrees West	0.009 ft/ft	8.1
10-19-92	North 2 degrees East	0.007 ft/ft	7.7
2-24-93	North 31 degrees West	0.014 ft/ft	10.4
5-19-93	North 7 degrees West	0.014 ft/ft	9.4
8-11-93	North 4 degrees West	0.008 ft/ft	7.96
2-24-94	North 12 degrees West	0.008 ft/ft	8.69
5-26-94	North 10 degrees West	0.010 ft/ft	8.91
9-15-94	North 1.5 degrees West	0.008 ft/ft	8.19
1-13-95	North 43 degrees West	0.011 ft/ft	10.42
4-26-95	North 29.5 degrees West	0.015 ft/ft	10.57
12-18-95	North 45 degrees West	0.0203 ft/ft	7.81

Review of previous groundwater measurements indicate the down gradient direction and the horizontal gradient vary between groundwater sampling measurement episodes. The variation is relatively low for measurements of this type. The changing groundwater gradient and elevations indicate the shallow water bearing zone is sensitive to seasonal changes in rainfall.

The most recent data indicate a North 45 degrees West flow direction at an average horizontal gradient of 0.0203 ft/ft. The horizontal gradient is similar to the topographic slope of the lot. Groundwater measurement episodes indicate a range of flow direction from N45°W to N19°E,

and a range of horizontal gradient from 0.005 to 0.0203 ft/ft. Plate 3, Groundwater Gradient Map, and the attached worksheet illustrate the most recent (December 1995) horizontal gradient calculated across the site.

5.0 WATER SAMPLE DATA QUALITY

The quality assurance and quality control (QA/AC) review of the new sample data for this report indicates that the data is acceptable for the purpose and objectives of this project. **TMC** did not review data summarized from previous reports. The U.S. Environmental Protection Agency (EPA) Test Methods for Evaluating Solid Waste (SW-846) and the California Department of Health Services (DOHS) Leaking Underground Fuel Tank (LUFT) Manual were used to evaluate the sampling data since the SW-846 and LUFT methodologies were primarily used to analyze the samples. The samples were analyzed by Advanced Materials Engineering Research (AMER) of Sunnyvale, California, a State-certified analytical laboratory. The certified laboratory reports and chain-of-custody forms are presented in the attachments.

5.1 QUALITY OF GROUNDWATER SAMPLES

During sampling, all monitoring wells were purged of at least 3 bore volumes of water, in accordance with EPA protocol. At the end of purging, the well water was clear in all wells. The deionized water equipment blank for the sampling reported no detectable compounds.

5.2 CHAIN OF CUSTODY DOCUMENTATION

Complete chain-of-custody forms were maintained for all samples from the time of their collection until their submission to the laboratory. No errors in chain-of-custody protocol were noted.

5.3 TOTAL PETROLEUM HYDROCARBONS AS GASOLINE WITH BTEX

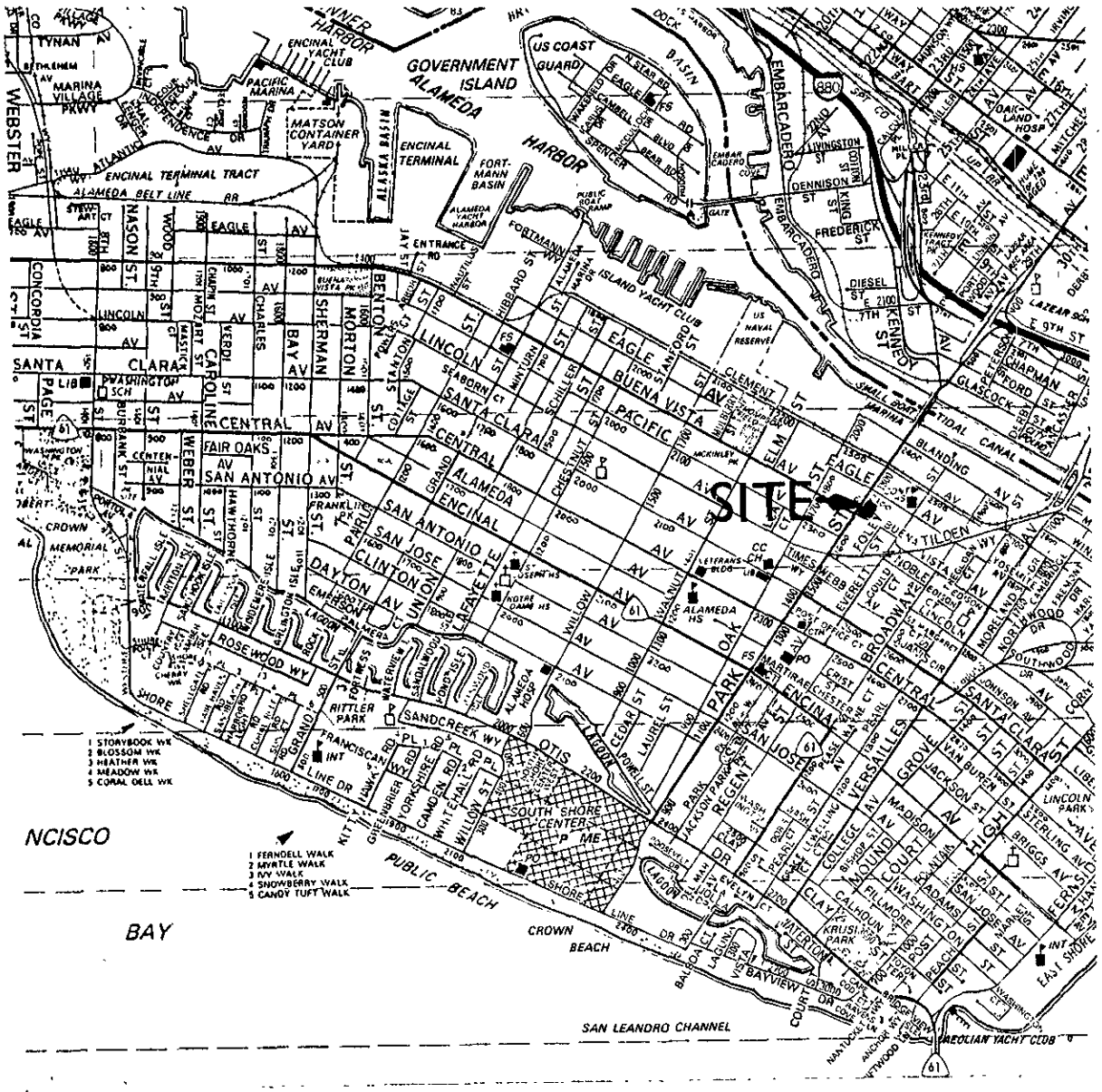
Based on the QC data reviewed, total petroleum hydrocarbons (TPH) as gasoline analysis by EPA Method 8015M and benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by EPA Method 8020 appear reasonably representative. Samples were analyzed within the Regional Water Quality Control Board specified 7-day maximum holding time for water samples. Matrix spike/matrix spike duplicate percent recoveries and relative percent differences (RPD's) were either within EPA-specified limits or were within limits set by professional judgment where no EPA limits exist.

6.0 COMMENTS AND SCHEDULE OF ACTIVITIES

The next quarterly sampling event, scheduled for March 1996, will include monitoring wells MW-3, MW-5, MW-6, and MW-7. Groundwater samples from MW-7 will be analyzed for TPH-g and BTEX by EPA Methods 8015M/8020. Samples recovered from MW-3, MW-5, and MW-6 will be analyzed for TPH-Diesel by EPA Method 8015M, oil and grease by Method 5520BF, and purgeable halocarbons by EPA Method 8010.

7.0 LIMITATIONS

The procedures and opinions in this report agree with professional practice as provided in the guidelines of the California Regional Water Quality Control Board for addressing fuel leaks from underground tanks. This report is only part of the ongoing work required by the lead implementing agency at this site. The lab test results rely on limited data collected at the sampling location only. Budget constraints restrict the amount of testing allowed. The lab test results may not apply to the general site as a whole. Therefore, **E-Tech** Services cannot have complete knowledge of the underlying conditions. **E-Tech** provides the information in the resulting report to the client so that the client may make a more informed decision about site conditions. The professional opinion and judgement in the reports is subject to revisions in light of new information. **E-Tech** does not state or imply any guarantees or warranties that the subject property is or is not free of environmental impairment. Monitoring wells are temporary sampling and remediation wells that eventually must be permitted and destroyed by a licensed driller at the client's expense.



Base map from THE THOMAS GUIDE, Alameda County Calif., Scale 1 inch =1/4 Mile

E-TECH
Environmental Services
408 Lewis Lane
Pacifica, Ca 94044

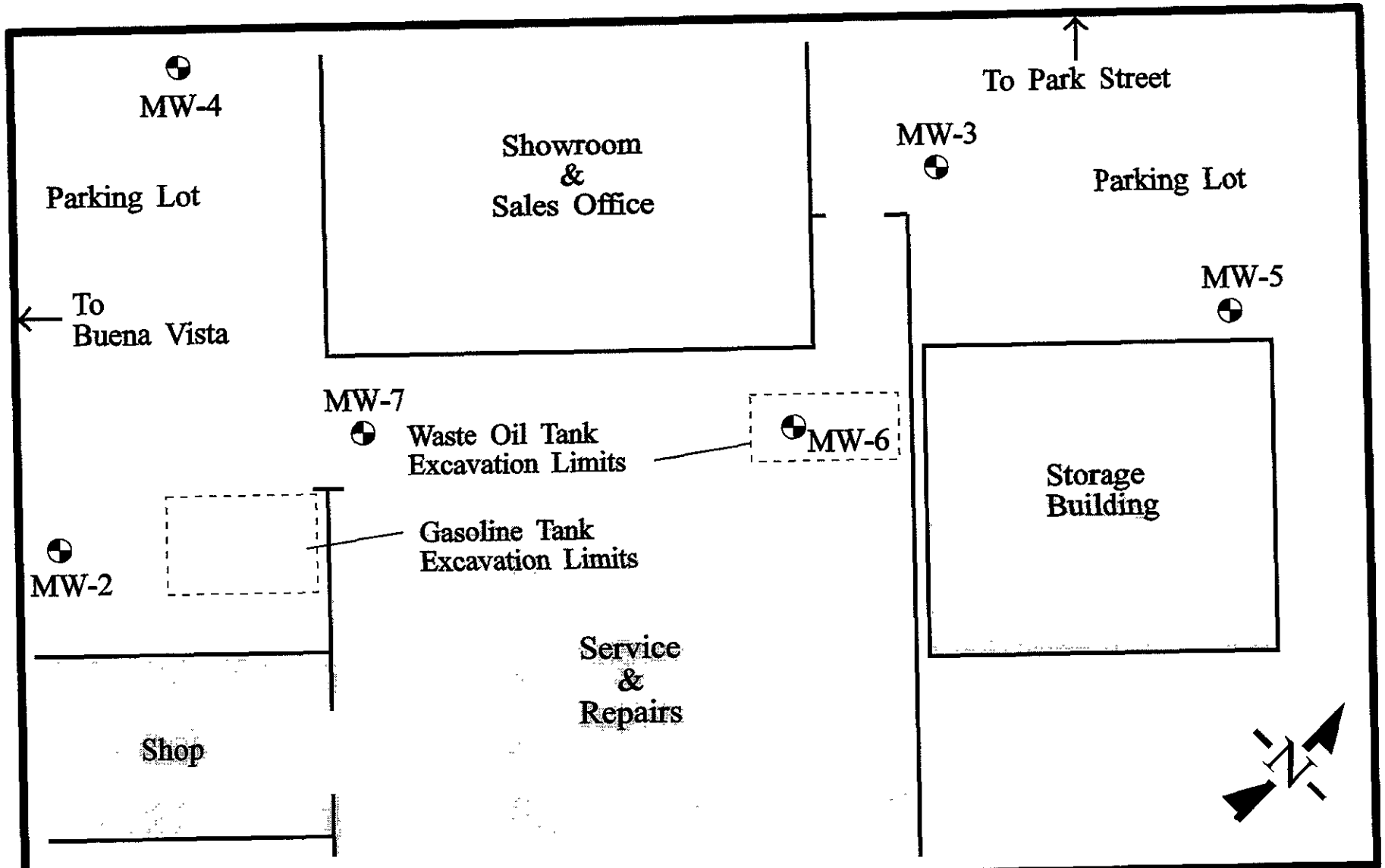
Ph: (415) 359-6590 Fax: (415) 359-7083

SITE VICINITY MAP

1700 Park Street
Alameda, California

Job: 95009 March 1996

PLATE 1



LEGEND

MW-0 Monitoring Well

Project No. 95009

March 6, 1996 Scale 1 inch = 20 feet

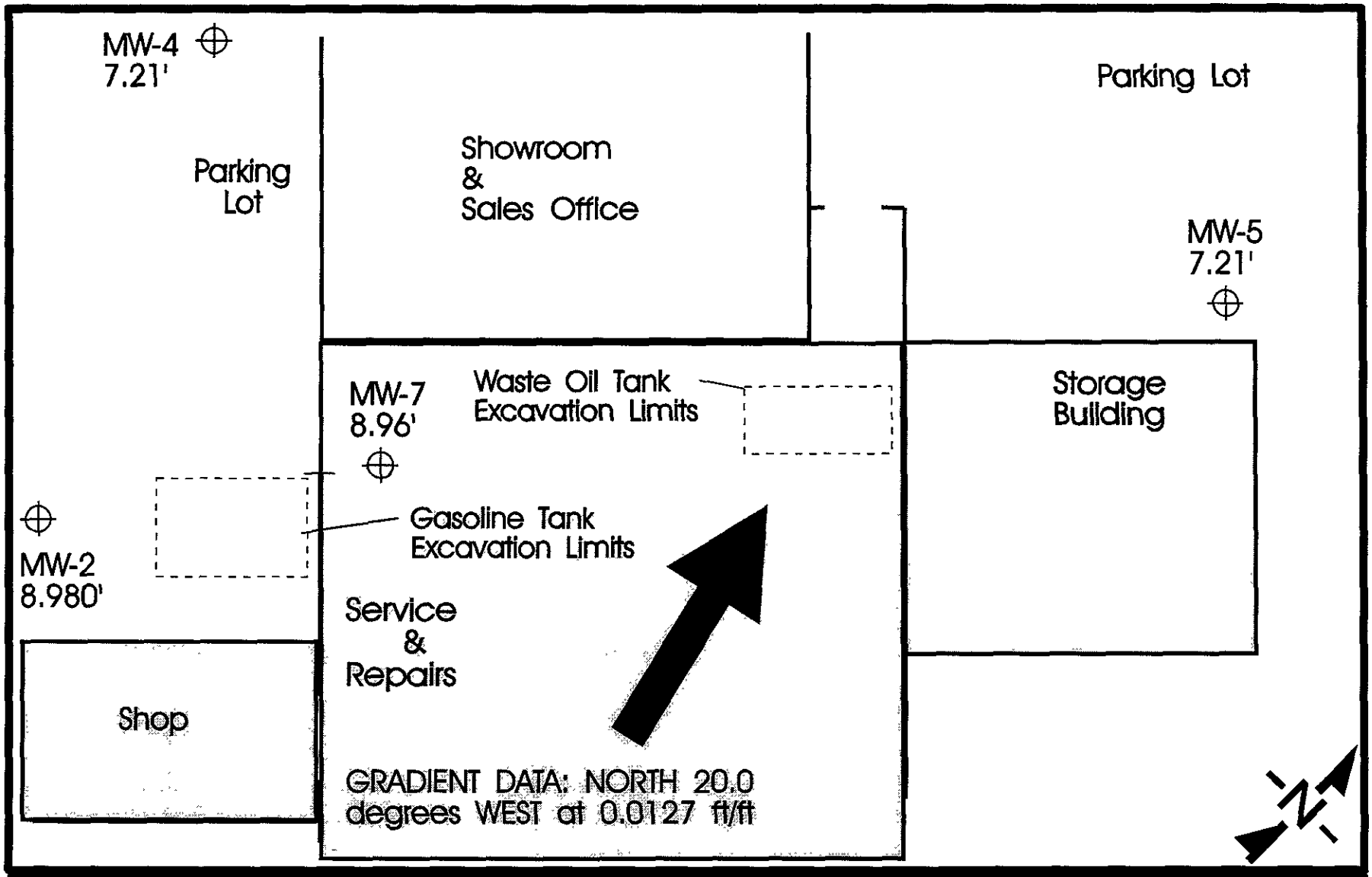
LOCATIONS OF
MONITORING WELLS

Cavanaugh Motors

1700 Park Street, Alameda California

E-TECH SERVICES PACIFICA, CALIFORNIA

PLATE 2



LEGEND

MW-0
1.00 ft

All Elevations Are In Feet MSL.

Project# 95009 March 1996
Approximate Scale: 1 Inch = 20 feet

GROUNDWATER GRADIENT MAP

Cavanaugh Motors

1700 Park Street, Alameda Ca

E-TECH SERVICES PACIFICA, CA

PLATE 3

ATTACHMENT 1

LABORATORY REPORTS

Entech Analytical Labs, Inc.

CA ELAP# 1369

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E-Tech Environmental Services
408 Lewis Lane
Pacifica, CA 94044
Attn: Tom Ghigliotto

Date:	12/27/95
Date Received:	12/21/95
Date Analyzed:	12/22/95
Project:	95009
Sampled By:	Client

Certified Analytical Report

Water Sample Analysis:

Test	*MW7*	*Units*	*MDL*	*EPA Method #*
Sample Matrix	Water			
Sample Date	12/18/95			
Sample Time	4:35			
Lab #	B13705			
DF-Gas/BTEX	1			
TPH-Gas	**ND**	µg/liter	50.0 µg/l	8015M
Benzene	**ND**	µg/liter	0.5 µg/l	8020
Toluene	**ND**	µg/liter	0.5 µg/l	8020
Ethyl Benzene	**ND**	µg/liter	0.5 µg/l	8020
Xylenes	**ND**	µg/liter	0.5 µg/l	8020

1. PQL=DF x MDL
2. Samples chilled and intact at time of receipt
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1369)

Michael N. Golden, Lab Director

DF=Dilution Factor
MDL=Method Detection Limit

PQL=Practical Quantitation Limit
ND=None Detected at or above PQL

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: 951208
Matrix: Water/Soil
Units: ug/L

Date Analyzed: 12/19/95

PARAMETER	Method #	SA ug/L	SR ug/L	MS ug/L	MS % R	MSD ug/L	MSD %R	RPD	QC LIMITS (ADVISORY) RPD	QC LIMITS (ADVISORY) %R
Gasoline	8015M	267	ND	168	63%	150	56%	11.3	25	50-150
Benzene	8020	20	ND	24	120%	21	105%	13.3	25	50-150
Toluene	8020	20	ND	23	115%	23	115%	0.0	25	50-150

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- MS: Matrix Spike Result
- MS (%R) Matrix Spike % Recovery
- MSD: Matrix Spike Duplicate Result
- MSD (%R) Matrix Spike % Recovery
- NC: Not Calculated

QA/QC Officer: N. Gaone

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: DW129507
Matrix: Water
Units: ug/L

Date analyzed: 12/20/95
Date extracted: 12/19/95

PARAMETER	Method #	SA ug/L	SR ug/L	MS ug/L	MS %R	MSD ug/L	MSD %R	RPD	QC LIMITS (ADVISORY) RPD	QC LIMITS (ADVISORY) %R
Diesel	8015M	950	ND	785	83%	816	86%	3.9	25	50-150

Entech Analytical Labs, Inc.
525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY
METHOD: Gas Chromatography

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- MS: Matrix Spike Result
- MS (%R) Matrix Spike % Recovery
- MSD: Matrix Spike Duplicate Result
- MSD (%R) Matrix Spike Duplicate % Recovery
- NC: Not Calculated

QA/QC Officer: N. Gaone

E-TECH
Environmental Services
408 Lewis Lane
Pacifica, Ca 94044
(415) 359-6590 / FAX (415) 359-7083

CHAIN OF CUSTODY RECORD
ANALYSIS REQUEST FORM

Project No. 95008	Project Contact: Tom Ghiglietto	Sampler: Tom Ghiglietto	Page 1 of 1
Project Name: CAVANAUGH	Project Address: 1700 PARK ST. ALAMEDA	**Turnaround Time:**	**days**

LAB ID NO.	DATE	TIME	SOIL	WATER	SAMPLE LABEL	TPH GAS BTEX	TEH-DIESEL	BTEX	EPA 8240	EPA 8270				REMARKS ADDITIONAL ANALYSIS
313705	12/18/95	4:35		X	MW 7	X								

Relinquished by, Print Name: Tom Ghiglietto **Signature:** Tom Ghiglietto **Date:** 12/21/95 **Time:** 9:20AM	**Received by, Print name:** **Signature:** **Date:** 12-21-95 **Time:** 9:20AM
Relinquished by, Print name: **Signature:** **Date:** **Time:**	**Received by, Print name:** **Signature:** **Date:** **Time:**

Relinquished by, Print name: **Signature:** **Date:** **Time:**

By signature the laboratory accepts the listed samples in good condition with appropriate containers, temperatures, and intact custody seals.

Received by Laboratory, Print Name of Laboratory: **Laboratory Certification Number:**

Received by Laboratory personnel, Print Name: **Signature:** **Date:** **Time:**

ATTACHMENT 2

RECORD OF WATER SAMPLE COLLECTION

RECORD OF WATER SAMPLE COLLECTION

WELL LABEL:	DATE COLLECTED:	JOB NUMBER:
MW-7	**12-18-95**	**95009**

JOB NAME:	SAMPLER(S) NAME:
CAVANAUGH MOTORS	**T. GHIGLIOTTO and M. EDWARDS**

LOCATION: **1700 PARK STREET, ALAMEDA, CALIFORNIA**

WELL HEAD CONDITIONS: [X] CAPPED [ ] LOCKED [X] DRY [ ] WATER [ ] DEBRIS [ ] REPLACE CAP [ ] REPLACE LOCK [ ] OTHER:

TIME MEASURED	1545	1609				
DEPTH TO WATER (MEASURE TO .01 FEET)	8.96'	8.96'				

WELL PURGING METHOD

TOTAL DEPTH OF WELL:	DEPTH TO WATER:	DIAMETER OF WELL:
15.24'	**8.79'**	**2"**

VOLUME FACTOR = 0.17 FOR 2" CASING; 0.65 FOR 4" CASING; 1.47 FOR 6" CASING

PURGE VOLUME = 3.0 gallons

PURGE METHOD:	OVA -FID VAPOR READING, ppm:
DISPOSABLE BAILER	**0**

WELL PURGING PARAMETERS

GALLONS	TIME	TEMPERATUTE degrees F	CONDUCTIVITY X 1000	pH	VISUAL TURBIDITY
0	1617	61.8	0.51	8.07	Clear
1.0	1619	61.8	0.54	8.08	Turbid/Brown
2.0	1621	61.8	0.53	8.07	Sl. Brown
3.0	1623	61.8	0.53	8.07	Clear

SAMPLING METHOD:	SAMPLE TURBIDITY:	TIME COLLECTED:
DISPOSABLE BAILER	**68.1 NTU**	**1635**

PURGE WATER DESCRIPTION: [ ] SHEEN [ ] ODOR [ ] SILTY [ ] OTHER:

RECORD OF WATER SAMPLE COLLECTION

WELL LABEL:	DATE COLLECTED:	JOB NUMBER:
MW-2	12-18-95	95009

JOB NAME:	SAMPLER(S) NAME:
CAVANAUGH MOTORS	T. GHIGLIOTTO and M. EDWARDS

LOCATION: 1700 PARK STREET, ALAMEDA, CALIFORNIA

WELL HEAD CONDITIONS: [X] CAPPED [X] LOCKED [X] DRY [ ] WATER [ ] DEBRIS [ ] REPLACE CAP [ ] REPLACE LOCK [ ] OTHER:

TIME	1601	1626				
MEASURED DEPTH TO WATER (MEASURE TO .01 FEET)	7.74'	7.74'				

WELL PURGING METHOD

TOTAL DEPTH OF WELL:	DEPTH TO WATER:	DIAMETER OF WELL:
	7.74'	2"

VOLUME FACTOR = 0.17 FOR 2" CASING; 0.65 FOR 4" CASING; 1.47 FOR 6" CASING

PURGE VOLUME = 0 gallons

PURGE METHOD:	OVA -FID VAPOR READING, ppm:
N/A	

WELL PURGING PARAMETERS

GALLONS	TIME	TEMPERATUTE degrees F	CONDUCTIVITY X 1000	pH	VISUAL TURBIDITY

SAMPLING METHOD:	SAMPLE TURBIDITY:	TIME COLLECTED:

PURGE WATER DESCRIPTION: [ ] SHEEN [ ] ODOR [ ] SILTY [ ] OTHER:

RECORD OF WATER SAMPLE COLLECTION

WELL LABEL:	DATE COLLECTED:	JOB NUMBER:
MW-4	12-18-95	95009

JOB NAME:	SAMPLER(S) NAME:
CAVANAUGH MOTORS	T. GHIGLIOTTO and M. EDWARDS

LOCATION: 1700 PARK STREET, ALAMEDA, CALIFORNIA

WELL HEAD CONDITIONS: [X] CAPPED [X] LOCKED [X] DRY [ ] WATER [ ] DEBRIS [ ] REPLACE CAP [ ] REPLACE LOCK [ ] OTHER:

TIME MEASURED DEPTH TO WATER (MEASURE TO .01 FEET)						
	1616	1636				
	9.14'	9.14'				

WELL PURGING METHOD

TOTAL DEPTH OF WELL:	DEPTH TO WATER:	DIAMETER OF WELL:
	7.74'	2"

VOLUME FACTOR = 0.17 FOR 2" CASING; 0.65 FOR 4" CASING; 1.47 FOR 6" CASING

PURGE VOLUME = 0 gallons

PURGE METHOD:	OVA -FID VAPOR READING, ppm:
N/A	

WELL PURGING PARAMETERS

GALLONS	TIME	TEMPERATUTE degrees F	CONDUCTIVITY X 1000	pH	VISUAL TURBIDITY

SAMPLING METHOD:	SAMPLE TURBIDITY:	TIME COLLECTED:

PURGE WATER DESCRIPTION: [ ] SHEEN [ ] ODOR [ ] SILTY [ ] OTHER:

RECORD OF WATER SAMPLE COLLECTION

WELL LABEL:	DATE COLLECTED:	JOB NUMBER:
MW-5	12-18-95	95009

JOB NAME:	SAMPLER(S) NAME:
CAVANAUGH MOTORS	T. GHIGLIOTTO and M. EDWARDS

LOCATION: 1700 PARK STREET, ALAMEDA, CALIFORNIA

WELL HEAD CONDITIONS: [X] CAPPED [X] LOCKED [X] DRY [ ] WATER [ ] DEBRIS [ ] REPLACE CAP [X] REPLACE LOCK [ ] OTHER:

TIME MEASURED DEPTH TO WATER (MEASURE TO .01 FEET)						
	1605	1630	1638			
	7.90'	7.89'	7.89'			

WELL PURGING METHOD

TOTAL DEPTH OF WELL:	DEPTH TO WATER:	DIAMETER OF WELL:
19.19'	7.89'	2"

VOLUME FACTOR = 0.17 FOR 2" CASING; 0.65 FOR 4" CASING; 1.47 FOR 6" CASING

PURGE VOLUME = 0 gallons

PURGE METHOD:	OVA -FID VAPOR READING, ppm:
N/A	

WELL PURGING PARAMETERS

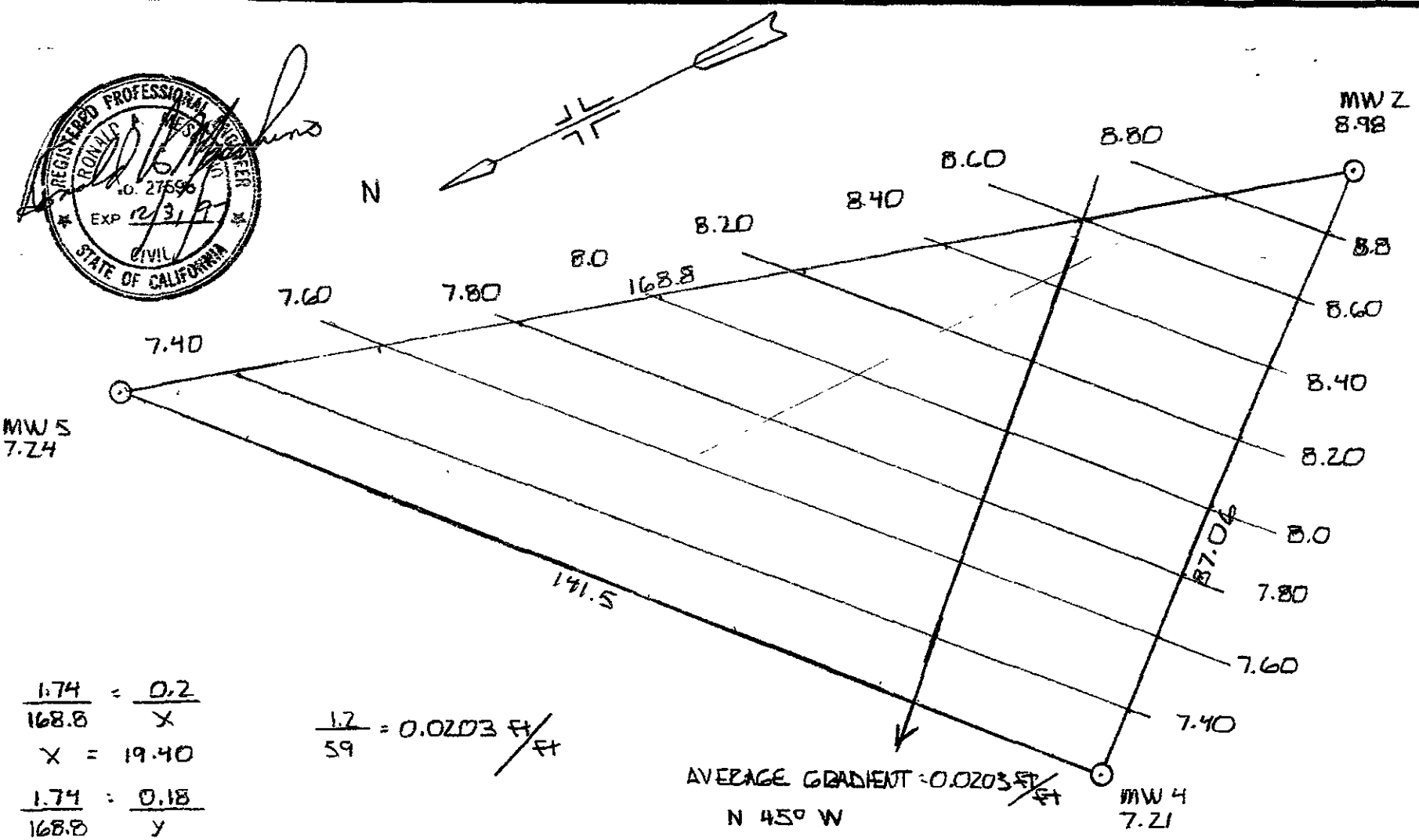
GALLONS	TIME	TEMPERATUTE degrees F	CONDUCTIVITY X 1000	pH	VISUAL TURBIDITY

SAMPLING METHOD:	SAMPLE TURBIDITY:	TIME COLLECTED:

PURGE WATER DESCRIPTION: [ ] SHEEN [ ] ODOR [ ] SILTY [ ] OTHER:

ATTACHMENT 3

GROUNDWATER GRADIENT WORKSHEET



$\frac{1.74}{168.8} = \frac{0.2}{X}$

$X = 19.40$

$\frac{1.74}{168.8} = \frac{0.18}{Y}$

$Y = 17.46$

$\frac{1.77}{87.06} = \frac{0.2}{X}$

$X = 9.84$

$\frac{177.06}{87.06} = \frac{0.18}{Y}$

$Y = 8.85$

$\frac{1.2}{59} = 0.0203$ Ft/Ft

CAVANAUGH MOTORS
1700 PARK ST.
ALAMEDA CA.

SCALE: 1" = 20'	APPROVED BY:	DRAWN BY
DATE: 3-6-96		REVISED

RONALD A. MESCHIJIO C.E. RCE# 27598
11 MILTON ST EXP 12-31-97
SAN FRANCISCO CA. 94112

GROUNDWATER GRADIENT WORKSHEET — DRAWING NUMBER

E-Tech Services

408 Lewis Lane
Pacifica, California 94044
(415) 359-6590 Fax (415) 359-7083

Mr. Dave Cavanaugh
CAVANAUGH MOTORS
1700 Park Street
Alameda, California 94501

February 26, 1996

RE: SUMMARY OF SOIL DISPOSAL ACTIVITIES FOR THE PROPERTY LOCATED AT 1700 PARK STREET, ALAMEDA, CALIFORNIA.

Dear Mr. Cavanaugh,

In December 1989 and August 1990, two underground storage tanks (a gasoline and a waste oil tank) were removed from separate locations from the subject site. In April 1990 and January 1991, accessible contaminated soils were excavated from the two tank pit locations. These soils were stockpiled and treated on site.

On January 22, 1996, 115.35 tons of petroleum contaminated soil were loaded, transported and disposed at Browning-Ferris Industries Vasco Road waste facility located in Livermore, California. Prior to these activities E-Tech Services submitted all appropriate analytical data and waste profile documentation for approval of the waste soil. Upon approval, scheduling was made with General Engineering Contractor Gene L. Failing, #488826. Gene Failing provided for the equipment and materials to load, transport and dispose of the stockpiled soil to the Browning-Ferris Industries Class 2 waste facility under non-hazardous waste manifests.

Enclosed are copies of the original non-hazardous waste manifests and weight receipts from the Browning-Ferris Industries Vasco Road waste facility. If you should have any further questions or concerns regarding these activities, please don't hesitate to phone our offices.

Sincerely,

Marc Edwards
E-Tech Services

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. 608001

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: CAVANAGH MOTORS
b. Generating Location:
c. Address: 1700 PARK ST ALAMEDA CA 94501
d. Address: 1700 PARK ST ALAMEDA CA 94501
e. Phone No.: 510 535 5246
f. Phone No.: 510 535 5246

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

g. Owner's Name: DAVE CAVANAGH
h. Owner's Phone No.: 5105235246

i. BFI WASTE CODE: CA405 011796 64416 Containers

j. Description of Waste: Soil

k. Quantity: 20Y | 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
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.

GENE H FAILING — Generator Authorized Agent Name | Signature | 01 29 96 — Shipment Date

Section II TRANSPORTER (Generator completes a/c. Transporter I completes e-g. Transporter II completes h-n.)

TRANSPORTER I

a. Name: W.S.P.
b. Address: P.O. BOX 998 ALAMEDA CA 95002
c. Driver Name/Title: STUART PETERKUHG — PRINT/TYPE
d. Phone No.: 408 2553945
e. Truck No.: 115
f. Vehicle License No./State: 9A22561

Acknowledgement of Receipt of Materials.

g. Driver Signature | 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 both destination sites completes o-t)

a. Site Name: BFI VASCO RD
b. Physical Address: LIVERMORE CA
c. Phone No.:
d. Mailing Address:
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 | 01 29 96 — Receipt Date

Section IV

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:

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. 608009

Section I — GENERATOR (Generator complete all of Section I)

a. Generator Name: CAVANAugh Motors
b. Generating Location:
c. Address: 1700 PARK ST
Alameda CA 94501
d. Address: 1700 PARK ST.
Alameda CA 94501
e. Phone No.:
f. Phone No.: 5105235246

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

g. Owner's Name: DAVE CAVANAUGH
h. Owner's Phone No.: 5105235246

i. BFI WASTE CODE: CA 405 011796 04416 Containers

j. Description of Waste: Soil

k. Quantity: 20Y Units: 1 No.: 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
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.

Gene L Failing — Generator Authorized Agent Name
Signature
01 22 96 — Shipment Date

Section II — TRANSPORTER (Generator complete a-g. Transporter 1 complete e-g. Transporter 2 complete h-n.)

TRANSPORTER I

a. Name: WSP
b. Address: P.O.B 998
Aviso CA 95002
c. Driver Name/Title: Bill Dunworth (PRINT/TYPE)
d. Phone No.: (408) 997-1390
e. Truck No.: 114
f. Vehicle License No./State: 9C34405

Acknowledgement of Receipt of Materials.

g. Bill Dunworth — Driver Signature
01 22 96 — 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 complete a-d. destination site completes e-f.)

a. Site Name: BFI Vasco Rd
c. Phone No.:
b. Physical Address:
Livermore CA
d. Mailing Address:

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 1-22-96

Section IV — ASBESTOS WASTE ONLY

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.

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. 608010

Section I GENERATOR (Generator completes all of Section I)

a. Generator Name: CAVANAugh
b. Generating Location:
c. Address: 1700 PARK ST
AlAmeda CA 94501
d. Address: 1700 PARK
AlAmedA CA 94501
e. Phone No.: 510 523 5246
f. Phone No.: 510 523 5246

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

g. Owner's Name: JADE CAVANAugh
h. Owner's Phone No.: 510 523 5246

i. BFI WASTE CODE: 01 | 405 | 011796 | 04416

j. Description of Waste: Soil

k. Containers — Quantity: 20 | Units: Y | No.: 1 | 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.

[signature] GENE L FILLING 01 22 96
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: WSP
b. Address: P.O. Box 998
Alviso CA 95002
c. Driver Name/Title: RICK STAIRET STAIRET Truck PRINT/TYPE
d. Phone No.: 408 255 3995
e. Truck No.: 115
f. Vehicle License No./State: 0A22861
Acknowledgement of Receipt of Materials.
g. [signature]
Driver Signature | 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 complete a-d, destination site complete e-f)

a. Site Name: BFI VASCO Rd
b. Physical Address: LIVERMORE CA
c. Phone No.:
d. Mailing Address:
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. [signature] 01 22 96
Name of Authorized Agent | Signature | Receipt Date

Section IV

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.

Operator's Signature

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. 608011

a. Generator Name: CHUANG'S MOTORS
b. Generating Location:
c. Address: 1700 PARK ST ALAMEDA CA 94501
d. Address: 1700 PARK ST ALAMEDA CA
e. Phone No.: 510 535 5246
f. Phone No.: 510 535 5246

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

g. Owner's Name:
h. Owner's Phone No.: 510535 5246

i. BFI WASTE CODE: CA 405 01 V 796 — 04416 — Containers

j. Description of Waste: Soil

k. Quantity: 20 — 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
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.

GEORGE FAIRING — Signature — 01 22 96
Generator Authorized Agent Name — Shipment Date

TRANSPORTER I

a. Name: WSP
b. Address: P.O. B 998 ALISO CA 92607
c. Driver Name/Title: R.C. DUNCWORTH
d. Phone No.:
e. Truck No.: #14
f. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
g. R.C. Dunworth — 01 22 96
Driver Signature — Shipment Date

TRANSPORTER II

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

a. Site Name: B.F.I. WASCO LANDFILL
c. Phone No.:
b. Physical Address:
d. Mailing Address:

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. — 1-22-96
Name — Signature — Receipt Date

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

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. 608012

Section I GENERATOR (Generator complete all of Section I)

a. Generator Name: CAVANAGH MOTORS
b. Generating Location:
c. Address: 1700 PARK ST ALAMEDA CA 94501
d. Address: 1700 PARK ST ALAMEDA CA 94501
e. Phone No.: 510 5355246
f. Phone No.: 510 535 5246

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

g. Owner's Name: DAVE CAVANAGH
h. Owner's Phone No.: 510 535 5246

i. BFI WASTE CODE: CA405 01 1796 — 04416 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: Soil

k. Quantity: 20 — Units: Y — 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.

Gene L Filing — Generator Authorized Agent Name
Gene L Filing — Signature
01 22 96 — Shipment Date

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

TRANSPORTER I

a. Name: U.S.P.
b. Address: P.O. Box 998 ALVISO CA. 95002
c. Driver Name/Title: STANLEY TRUCKING — PRINT/TYPE
d. Phone No.: 408 2553995
e. Truck No.: 115
f. Vehicle License No./State: 9A22861

Acknowledgement of Receipt of Materials.

g. Driver Signature
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 and destination site completes left)

a. Site Name: B.F.I.
b. Physical Address: VASCO RD LIVERMORE CA
c. Phone No.:
d. Mailing Address:
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 — 01 22 96 Receipt Date

Section IV

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

VASCO ROAD SANITARY LANDFILL No: 751490

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 01-22-96 Time In: 10:20:51 Time Out: 10:52:01
Ticket # : A81513 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000114 Lic Plate:
SPECIAL
Manifest # : 608009 PO #: CAVANAUGH Transporter: 0
Source Cd : Generator : CAV CAVANAUGH MOTORS
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 38.62 Tare Wt: 15.61 Net Wt: 23.01 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	19.00	23.01 TN		

Sub Total..... $

Total..... $

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 791543

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

01-22-96 Time In: 12:26:17 Time Out: 12:26:17
A81578 CMS # : 1012137 LMS #: 1012137
FAILING, GENE L. & SON
000115 Lic Plate:

608001 PO #: CAVANAUGH Transporter: D
Cd Generator : CAV CAVANAUGH MOTORS
Operator: NOEL
20.00 yd Scale In # : 1 Scale Out #: Stored
38.41 Tare Wt: 14.81 Net Wt: 23.60 tn

Actual	Bill Qty	$/Unit	Extended
19.00	23.60 TN		

Sub Total..... $

Total..... $

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

[redacted]

DRIVER

VASCO ROAD SANITARY LANDFILL No: 791476

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 01-22-96 Time In: 10:02:51 Time Out: 10:22:56
Ticket # : A81500 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000115 Lic Plate:
SPECIAL
Manifest # : 608010 PO #: CAVANAUGH Transporter: D
Source Cd : Generator : CAV CAVANAUGH MOTORS
Comment : Operator: NOEL
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 35.98 Tare Wt: 14.81 Net Wt: 21.17 tn

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	17.00	21.17 TN		

Sub Total..... $

Total..... $

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

[redacted]

DRIVER

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 01-22-96 Time In: 15:07:15 Time Out: 15:07:15
Ticket # : A81665 CMS #: 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000115 Lic Plate:
SPECIAL :
Manifest # : 608012 PO #: CAVANAGH Transporter: 0
Source Cd : Generator : CAV CAVANAUGH MOTORS
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 38.57 Tare Wt: 14.81 Net Wt: 23.76 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	19.00	23.76 TN		

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninos deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No. 791559

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 01-22-96 Time In: 12:59:06 Time Out: 12:59:06
Ticket # : A81596 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000114 Lic Plate:
SPECIAL :
Manifest # : 608011 PO #: CAVANAGH Transporter: 0
Source Cd : Generator : CAV CAVANAUGH MOTORS
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 39.40 Tare Wt: 15.61 Net Wt: 23.79 tn

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Descr	Actual	Bill Qty	$/Unit	Extended
SOIL	19.00	23.79 TN		

Sub Total..... $

Total..... $

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninos deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

INVOICE COPY

W. S. P. TRUCKING, INC.

36570
95021

P.U.C. NO. T-71.326
B.E. NO. CTT-146.865

MAILING ADDRESS P.O. BOX 998 • ALVISO, CALIFORNIA 95002
YARD LOCATION: 1350 PACIFIC AVE. • ALVISO, CALIFORNIA

PHONE: (408) 263-2335

DATE 1-22-96

TRUCK NO. 114 TRAILER NO _____ NO CU YDS _____

UNDERLYING CARRIER ROADWAY HOURLY RATE _____ NOTICE NO & DATE _____

RECEIVED FROM (CONSIGNOR)	DELIVERED TO (CONSIGNEE)
GENE FALLING	VASCO R.D.
ADDRESS 1100 PARK AVE.	ADDRESS
CITY Alameda	CITY Livermore

NAME AND ADDRESS OF DEBTOR (IF OTHER THAN CONSIGNOR) _____ JOB NO _____

(ZONE RATES ONLY)	FOR USE WITH DISTANCE OR ZONE RATES	(DISTANCE RATES ONLY)
PRODUCTION AREA	PRECISE POINT OF ORIGIN 1700 PARK AVE Alameda	DISTANCE IN MILES
DELIVERY ZONE NO.	PRECISE POINT OF DESTINATION VASCO RD Dump	

	SCALE TAG NO.	WEIGHT	LOADING ARRIVE	LOADING DEPART	UNLOADING ARRIVE	UNLOADING DEPART
1	1791490	23.0	8:30	9:40	10:25	10:55
2	1791559	23.79	11:55	12:15	1:00	1:30 45
3		FINISH 2.15				2.15
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

TYPE OF EQUIPMENT ☐ TRUCK ☐ SEMI END ☐ SEMI BOTTOM ☐ TRACTOR ☐ TRANSFER ☐ OTHER

NUMBER OF AXLES 5 | IF NO TRAILER CHECK HERE ☐ | REPORTING TIME 8:30

COMMODITY TRANSPORTED Rice | REPORTING LOCATION 1700 PARK AVE

LAST TRIP	START TIME	END TIME	RUNNING TIME
▶	12:15	1:00	45 min

REMARKS:

CONSIGNEE SIGNATURE _____

DRIVER'S SIGNATURE _____ #20116

TOTAL TONS:		
OVERALL TIME		
MEAL AND BREAKDOWN DEDUCTIONS		0
NET CHARGEABLE TIME		
APPLICABLE HOURLY RATE	▶	03 00
RATE IN CENTS PER TON	▶	
ACCESSORIAL CHARGES		
TOTAL		

TERMS: NET 10TH PROX. CONSIGNEE TO PAY ANY LEGAL FEES PLUS ATTORNEY'S COSTS FOR COLLECTION OF DELINQUENT ACCOUNTS. A SERVICE CHARGE OF 1½% PER MONTH (18% PER ANNUM) WILL BE CHARGED ON ALL DELINQUENT ACCOUNTS. WE MAKE ALL DELIVERIES INSIDE CURB AND ON LOT AT CUSTOMER'S RISK ONLY AND ACCEPT NO RESPONSIBILITY FOR DAMAGES RESULTING FROM SUCH DELIVERIES.

INVOICE COPY

W. S. P. TRUCKING, INC.

·92732

P.U.C. NO. T 71 326
B.E. NO. G-TT 146.865

MAILING ADDRESS P.O. BOX 998 • ALVISO, CALIFORNIA 95002
YARD LOCATION: 1350 PACIFIC AVE. • ALVISO, CALIFORNIA

PHONE: (408) 263-2335

DATE 1-22-96

TRUCK NO. _____ TRAILER NO 115 NO. CONTAINERS _____

UNDERLYING CARRIER STRIKER TRUCKING HOURLY RATE _____ NOTICE NO & DATE _____

RECEIVED FROM (CONSIGNOR)	DELIVERED TO (CONSIGNEE)
CLOVE FABLING INC	B. F. I
ADDRESS 1900 MARKET	ADDRESS VASCO RD
CITY ALAMEDA	CITY LIVERMORE

NAME AND ADDRESS OF DEBTOR (IF OTHER THAN CONSIGNOR) _____ JOB NO. _____

(ZONE RATES ONLY)	FOR USE WITH DISTANCE OR ZONE RATES	(DISTANCE RATES ONLY)
PRODUCTION AREA	PRECISE POINT OF ORIGIN: ALAMEDA	DISTANCE IN MILES
DELIVERY ZONE NO.	PRECISE POINT OF DESTINATION: LIVERMORE	

	SCALE TAG NO.	WEIGHT	LOADING ARRIVE	LOADING DEPART	UNLOADING ARRIVE	UNLOADING DEPART
1	LOAD ①	191426	8:30	8:15	10:00	10:30
2	LOAD ②	191543	11:30	11:40	12:20	12:50
3	LOAD ③	791630	1:40	2:20	3:20	3:40
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

TYPE OF EQUIPMENT: ☐ TRUCK ☑ SEMI END ☐ SEMI BOTTOM ☐ TRACTOR ☐ TRANSFER ☐ OTHER

NUMBER OF AXLES _____ IF NO TRAILER CHECK HERE ☐ REPORTING TIME 8:30

COMMODITY TRANSPORTED DLF HAY REPORTING LOCATION ALAMEDA

LAST TRIP	START TIME	END TIME	RUNNING TIME
	2:20	3:20	1 HR

REMARKS: _____

CONSIGNEE SIGNATURE _____

DRIVER'S SIGNATURE _____ 10105

TOTAL TONS:	8
OVERALL TIME	
MEAL AND BREAKDOWN DEDUCTIONS	-0
NET CHARGEABLE TIME	
APPLICABLE HOURLY RATE	03.00
RATE IN CENTS PER TON	
ACCESSORIAL CHARGES	
TOTAL	

TERMS: NET 10TH PROX. CONSIGNEE TO PAY ANY LEGAL FEES PLUS ATTORNEY'S COSTS FOR COLLECTION OF DELINQUENT ACCOUNTS. A SERVICE CHARGE OF 1½% PER MONTH (18% PER ANNUM) WILL BE CHARGED ON ALL DELINQUENT ACCOUNTS. WE MAKE ALL DELIVERIES INSIDE CURB AND ON LOT AT CUSTOMER'S RISK ONLY AND ACCEPT NO RESPONSIBILITY FOR DAMAGES RESULTING FROM SUCH DELIVERIES.

P. O. # _____

JOB # _____

GENE L. FAILING
"HOE "4" RNT

3924 Middletown Ct. • Campbell, CA 95008

Home: (408) 378-3534 • Yard: (408) 246-4217
General Engineering Lic. # 488826-A-HAZ Mat

INVOICE

No 9896

WORK ORDER & DAILY REPORT/INVOICE

Name: Cavanaugh Homes

Address: 1700 Park St
Alameda, Calif. 94501

Phone: 510 523-5246

Type of Work: Strip Soil

Owner: _____

Lender: _____

Gen. Contractor: _____

This work order must be signed by a representative of contractor or owner.

Job Address: _____

Job Foreman: _____

OPERATOR NAME / DATE	EQUIPMENT	TRANSPORT HRS	EQUIPMENT HRS	TOTAL HRS	RATE PER HR	TOTAL
01-22-96	Mob and De Mob			2	120.00	240 00
	Loader		8	8	120.00	960 00
	Trackhoe		14	14	65.00	910 00
	Laborer			8	30.50	260 00
	Dump Fee 415.33 Tons @			2500 per Ton		2880 75
						5250 75
				Mark up 5%		263 00

Comments:

I have the authority to order the above work. It is agreed that in the event of commencement of suit to enforce payment for this order, I promise to pay such additional fees and costs as the Courts may adjudge reasonable. Interest will be charged at the rate of 2 % per month on overdue accounts.

Payments due within (15) days of billing. Past due balances are subject to a late charge of 2% per month. (24% annual rate)
All payments to be payable to GENE L. FAILING 3924 Middletown Ct., Campbell, CA 95008.

TOTAL DUE 5513 75

Contractor or Owner Signature: _____ Date: 02-05-96

MINIMUM DAY IS 4 HOURS. ONE HOUR MINIMUM TRANSPORT TIME.

White Copy - Office Yellow Copy - Send to Contractor Pink Copy - Extra Copy Gold Copy - Give To Jobsite Foreman

020596