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November 25, 1996

Ms. Eva Chu
Alameda County Health Care Services Agency
Dept. of Environmental Health
1131 Harbor Bay Pkwy 2nd Floor
Alameda, CA 94502-6577

Subject: **Well Closure Report**
Taco Bell Alameda
1900 Webster Street
Alameda, Alameda County, California
STID#3695

Dear Ms. Chu:

Enclosed is a copy of the well closure report referenced to the above property. This report has been forwarded to Mr. Kevin Graves at the CRWQCB, San Francisco Bay Region, Mr. Wayman Hong at the Alameda County Flood Control and Water Conservation District, District 7, and Mr. Dan Mundy of Dolan Foster Enterprises, Inc.

If you have any questions, please contact our office at (916) 631-4455.

Best Regards,

LRA ENVIRONMENTAL

Chris V. Udarbe

CVU:cu
EPA\e9170chu lt2

CLOSURE REPORT

TACO BELL

1900 WEBSTER STREET

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

PREPARED BY:

LRA ENVIRONMENTAL
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DECEMBER 1, 1996
JOB NUMBER E9170

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TACO BELL

1900 WEBSTER STREET

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Purpose of this Report:

The data presented herein is intended to assist the jurisdictional agency in making an objective decision in support of the property owners request for site closure. This report presents a summation of the information and data acquired from the investigation and remediation of the subject property, and is intended to comply with the Alameda County Environmental Health Department's policies regarding requests for site closure.

Location:

The property in question, a Taco Bell restaurant, is located at 1900 Webster Street, Alameda, Alameda County, California. The property is located at approximately 122° 16'31" west longitude and 37°46'27" north latitude. This corresponds to the County of Alameda Assessors Parcel Number 73-426-12.

INTRODUCTION

The property is currently owned and managed by Dolan Foster Enterprises and is supervised by Dan Mundy. Telephone contact can be made with Mr. Mundy at (510) 887-7260. Correspondence can be directed to Mr. Mundy in care of Dolan Foster Enterprises, 25596 Seaboard Lane, Hayward, California, 94545.

Currently, the property supports a Taco Bell restaurant and customer parking facilities. This operational franchise has been owned and operated by Dolan Foster Enterprises since 1976. This Taco Bell franchise is a fast food take-out restaurant and has never been involved with the storage or dispensing of any hazardous materials or petroleum products.

An informal historical investigation of the property revealed that this site was previously used as a service station. The first service station was established in 1928 and began dispensing gasoline from two (2) five-hundred and fifty (550) gallon tanks. From that time until 1976, the property had been in continual use as a service and gasoline dispensing station. During this time period, a total of eight (8) different tanks of varying sizes were used for underground gasoline storage. These tanks have ranged in size from five-hundred and fifty (550) to eight thousand (8000) gallons. From 1967 to 1974, the underground gasoline storage totaled fourteen thousand (14,000) gallons. Alameda City Fire Department records show that all tanks and associated underground plumbing were removed

on 8 February 1974, prior to the sale of the property to Dolan Foster Enterprises. Gasoline storage tank operators, tank installation dates and capacity are summarized in the following table:

TABLE ONE

UNDERGROUND STORAGE TANKS RECORD

OPERATOR	TANK INSTALLATION DATE	TANK CAPACITY
F. Burrington	11 October 1928	2- 550 gal.
P.S. Ray	11 May 1933	1- 500 gal.
Signal Oil Company	27 October 1941	1- 1,000 gal.
Humble Oil Service Station	29 November 1967	1- 8,000 gal., 1- 6,000 gal. & 2- 2,000 gal.

Based on the results of an initial site survey, there are no municipal, domestic, agricultural, or industrial production wells located within a two-thousand foot (2000') radius of the subject site.

Prior to 15 January 1992, no spill, leak, or leachate migration reports, referencing the subject property, had been filed with the Alameda County Health Department. On that date, Dolan Foster Enterprises filed an Underground Storage Tank Unauthorized Release Contamination Site Report on their own accord (copy attached in Appendix C). This unauthorized leak report was forwarded to, and remains in the custody of, the Alameda County Health Department. Dolan Foster's actions in submitting this report were precipitated by the confirmation of petroleum products in soil samples taken during a geotechnical investigation conducted by LRA Engineering. Dolan Foster Enterprises was appraised of the situation and they, in turn, initiated the preliminary site contamination investigation process on a voluntary basis, and without mandate from the jurisdictional agency.

On 19 December 1991 and 21 January 1992, LRA ENVIRONMENTAL performed a site environmental investigation at the subject property. This investigation consisted of advancing eighteen (18) soil borings. The eighteen (18) boring consisted of thirteen (13) exploratory borings, E-1 through E-13, and five (5) geotechnical borings, U-14 through U-18. Both exploratory and geotechnical borings were placed with the recommendations of Thomas Peacock, Alameda County Health Inspector, to determine the vertical and horizontal extent of any contamination that might exist on the subject property. Each boring was checked for evidence of contamination and a boring profile was prepared depicting the soils encountered. All borings except for U-17 exhibited discolored soils starting at two feet (2') below the ground surface and varied in thickness from one and one-half feet (1.5') to four feet (4'). A distinct odor was detected in borings E-1 through E-7, U-16, and U-18. Analytical results from soil samples acquired during drilling confirmed detectable levels of petroleum products in three (3) of the ten (10) samples collected.

On 1, 2, and 3 June 1992, contaminated soils from the area of the former product dispensers were remediated by over-excavation (reported in the 6 July 1992 Site Remediation Observation Report submitted by LRA Environmental). All native soils registering photo-ionization detector (PID) measurements above 5 ppm or emitting chemical odors were removed. The highest chemical concentrations in the soils appeared to be in the upper three to six feet (3'-6') of strata. Soils from the bottom and the sidewalls of the excavation, registering elevated PID readings, were removed to depths varying from four to six feet (4'-6') below grade. The excavated area was backfilled and compacted with pit run aggregates.

Approximately three-hundred (300) cubic yards of native soils were removed during the excavation of soils beneath and adjacent to the former location of the gasoline dispenser islands. Excavated soils were transported to, and stockpiled in a dedicated area on the north half of the parking lot that had been properly prepared to receive the soil for stockpiling. The soils were then aerated under permit issued by the Bay Area Air Quality Management Department on the subject property from 5 June 1992 through 2 July 1992.

The stockpile was mixed and turned for two weeks. At the end of this period the stockpile was sampled and analyzed for volatile organic compounds. The results of the chemical analyses indicated the soils were sufficiently aerated in that levels of volatile organic compounds were reduced to near or below detection limits. Further characterization was not deemed necessary by B.F.I. Water Systems, a Treatment Storage and Disposal Facility, to which the remediated soil was transported.

On 6 July 1992, Dolan Foster Enterprises demolished the existing Taco Bell Restaurant so as to construct a new facility (reported in the 20 October 1993 Third Quarter Groundwater Monitoring Report submitted by LRA Environmental). During the destruction of the building, a previously, unknown waste oil storage vessel was discovered. It was located approximately sixty feet (60') east of Webster Street and sixty feet (60') north of Eagle Avenue underneath the main entrance of the demolished restaurant. The waste oil vessel, its contents and the surrounding soils were removed and disposed of at B.F.I. Waste Systems on Vasco Road in Livermore, California.

Demolition of the building gave access to the area that was predetermined to be the abandoned underground storage tank field. On 13 July 1992, LRA Environmental drilled a total of three (3) borings. Two (2) borings were placed at the former tank field site and the third boring at the former site of the waste oil container. Soil samples were collected either at each change in lithology or at elevations where contamination was obvious by sense of smell. Soil samples acquired from the three borings were analyzed to determine the constituents and concentration levels at each location.

On 13 and 14 August 1992, LRA Environmental constructed four (4) groundwater monitoring wells on the subject property to delineate the contamination plume. All wells were constructed in accordance to the methods outlined in the

Underground Fuel Tank Monitoring Workplan dated 26 February 1992 prepared by LRA Environmental and submitted to Alameda County Department of Environmental Health. The wells were placed according to Regional Water Quality Board guidelines (i.e., one well upgradient, two wells down gradient and one well within ten feet (10') of the original contamination source in the verified downgradient direction). Once the water level in each well was established, quarterly groundwater monitoring was initiated.

SITE DESCRIPTION

Vicinity Map:

The vicinity map appears as Plate 1 in Appendix A of this report.

Location Map:

The location map appears as Plate 2 in Appendix A of this report.

Description of Topography and Surface Features, i.e. Watercourses, Lakes, and Groundwater Recharge Facilities:

The description of the local geography is based solely upon an examination of the latest editions of the U.S.G.S. Topographic map sheets and visual reconnaissance in the field for the area delineated on the vicinity map.

The U.S.G.S. Oakland West, California 7.5 minute quadrangle (topographic) editions of 1959 and 1980 depict the subject property as a developed site with one building present. The property is bounded on the west by Webster Street and on the south by Eagle Avenue. A single building is located to the north of the subject property and a vacant lot to the east. The elevation of the subject property is approximately ten feet (10') above sea level.

During the site reconnaissance, the subject property was found to be completely covered by either concrete, asphalt, or the Taco Bell building. No ponding of water was observed on the site, nor were any unusual odors detected at the site during the reconnaissance.

Site Topography:

Alameda Island is a piece of the mainland that has been bisected by an estuary. The coastal geologic process is mainly tide dominated with wave influence which has produced an estuarine soil sequence. Land elevation on the island varies from sea level to thirty five feet (35') at it's highest elevation. The entire island has been developed and supports residential, commercial, and industrial interests.

The subject site is approximately one-hundred and thirty feet (130') by one-hundred feet (100'), (13,000 sq.ft.). It is commercially developed and supports a Taco Bell restaurant with parking facilities. The property lies on the northeast corner of a major cross-road and is bounded by commercial development on the

north and east side.

The depth to regional groundwater was recorded at eight to ten feet (8'-10') below ground surface. This approximately coincides with mean sea level. According to Captain Steve McKinley of the Alameda Fire Department there are no production wells within two thousand feet (2000') of the subject property. The drinking water for the area is supplied by East Bay Municipal Utility District (EBMUD). The East Bay MUD water supply is supported by their facilities in the Sierra Nevada and is not augmented by area groundwater. Drinking water supplied by East Bay MUD is in compliance with the safe drinking water standards set by the state as confirmed by East Bay MUD representative, John Green.

SUBSURFACE INVESTIGATION

The initial subsurface investigation of the subject property began on 19 December 1991 followed by subsequent sampling events. A comprehensive table listing all soil sampling events and analytical results is presented in Appendix D.

On 19 December 1991 and again on 21 January 1992, **LRA ENVIRONMENTAL** performed a site environmental investigation at the subject property. This investigation consisted of advancing eighteen (18) soil borings. The maximum terminal boring depth was dictated by the purpose of each individual boring. No boring was advanced beyond twenty feet (20') and none were shallower than eight feet (8'). The borings were placed in accordance with the "Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites" promulgated by the California Regional Water Quality Control Board and with recommendations by Alameda County Health Inspector, Thomas Peacock. The borings were placed so as to determine the vertical and horizontal extent of any contamination that might exist on the subject site (Plate 3, Appendix A). Soil borings E-1 through E-13 and U-18 had terminal depths of ten feet (10'). Borings U-14 and U-15 through U-17 had terminal depths of twenty feet (20') and fifteen feet (15'), respectively. Groundwater was encountered at a depth of approximately twelve feet (12') below the ground surface. Boring U-14 through U-17 were subsequently converted into temporary groundwater monitoring points in order to collect groundwater samples for laboratory analysis.

Drilling Results:

A Soil Profile and Boring Log was prepared for the soils encountered during each of the eighteen (18) soil borings and are graphically presented on Plates 4-9, Appendix A. The Soil Profile Legend is also shown on Plates 10 and 11, Appendix A. Each soil boring was inspected for evidence of contamination, odor or discoloration. Visual classification of the soils encountered in E-1 through E-13 and U-18 indicate that the soil types encountered were similar to each other.

The soil types for boring E-1 through E-13 and U-18 are summarized in the following table:

TABLE TWO

E-1 THROUGH E-13 AND U-18 SOIL PROFILE

19 DECEMBER 1991 / 21 JANUARY 1992

Depth	Soil Profile
0.0 ft. - 1.0 ft.	Asphaltic concrete and aggregate base.
1.0 ft. - 2.0 ft.	Reddish brown silty sand with gravel.
2.0 ft. - 6.0 ft.	Blackish gray silty fine-medium sand (discolored).
6.0 ft. - 10.0 ft.	Tannish brown clayey silty sand.

Borings E-1 through E-7 and U-18 exhibited soil discoloration from two feet (2') to six feet (6') below the ground surface. A distinct odor was detected in all samples acquired from this four foot (4') thick layer of subsurface soil. The odor was easily detectable by sense of smell and ranged from light to heavy. Borings E-8 through E-13 exhibited the same discolored soil but in a narrow layer extending from two feet (2') to three and a half feet (3.5') below the ground surface. No odor was detectable in these borings.

Field logging of the soils confirmed that the soil types encountered in U-14 through U-16 were comparable to borings E-1 through E-13. Borings U-14 through U-16 are summarized in the following table:

TABLE THREE

U-14 THROUGH U-16 SOIL PROFILE

21 JANUARY 1992

Depth	Soil Profile
0.0 ft - 1.0 ft.	Asphaltic concrete and aggregate base.
1.0 ft - 2.0 ft.	Reddish brown silty sand with gravel.
2.0 ft - 6.0 ft.	Blackish gray fine to medium silty sand.
6.0 ft - 15.0 ft.	Tannish brown clayey silty sand.

The subsurface soils encountered in boring U-17 were the same as those previously noted except for the fact that no discoloration was observed in any of the soils encountered in that boring. Boring U-16 was the only exploratory boring in this series (U-14 - U-16) to exhibit a detectable odor and what may possibly have been a visible sheen on the water extracted for laboratory analysis.
During the drilling and sampling of borings E-1 through E-4, a PID (H-nu, model PI 101) was used to qualitatively screen for any volatile organic compounds that

might be encountered. A relative scale of zero (0) to two-hundred (200) was used to ascertain the levels of volatile compounds. Readings for each boring are as follows:

TABLE FOUR

PHOTO-IONIZING HYDROCARBON READING

SOIL BORING

Sample	Depth 0 - 5 ft.	5 - 10 ft.
E-1	44	45
E-2	44	47
E-3	ND	ND
E-4	55	59

Soil sampling methodologies were performed according to specifications in the Leaking Underground Fuel Tank (LUFT) Investigation and Monitoring Workplan dated 25 October 1991 as submitted to Alameda County Department of Environmental Health.

Soil sample results: The following table summarizes the results of chemical analyses of the soil samples obtained from the exploratory soil borings on 19 December 1991 and 21 January 1992.

TABLE FIVE

SOIL BORING ANALYTICAL RESULTS

Sample Date: 19 December 1991

Sample Location and Depth: E1-3-II 7'-7.5'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	DOHS	ND

Sample Date: 19 December 1991

Sample Location and Depth: E2-2-II 6'-6.5'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	DOHS	ND

Sample Location and Depth: E4-1-II 1.5'-2'

Compound	Test Method	Result
Benzene	EPA 8020	8.2ppm
Toluene	EPA 8020	200.0ppm
Ethylbenzene	EPA 8020	110.0ppm
Xylenes	EPA 8020	760.0ppm
Gasoline	TFH,EPA 5030	8000.0ppm
Lead	DOHS	ND

Sample Location and Depth: E6-1-I 4.5'-5'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	3.8ppm
Ethylbenzene	EPA 8020	2.2ppm
Xylenes	EPA 8020	22.0ppm
Gasoline	TFH,EPA 5030	110.0ppm
Lead	DOHS	ND

Sample Date: 21 January 1992

Sample Location and Depth: U14-1-I 5.5'-6'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH[1]	TRH 418.1	140.0ppm

[1] TRPH - Total Recoverable Petroleum Hydrocarbons

Sample Location and Depth: U15-1-I 5.5'-6'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	ND

Sample Location and Depth: U16-1-I 5.5'-6'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	ND

Sample Date: 21 January 1992

Sample Location and Depth: U17-1-I 5.5'-6'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	ND

Sample Location and Depth: U18-1-I 5.5'-6'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND

Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	ND

Sample Location and Depth: U18-2-I 9.5'-10'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	ND

Installation and Sampling of Temporary Groundwater Monitoring Points:

In order to sample the groundwater in U-14 through U-17 at the time the borings were advanced, a temporary well casing was placed in the annulus. This was to assure that samples of the groundwater could be obtained even if the wall of the annulus sloughed or caved. The casing consisted of a ten foot (10') section of two inch (2") I.D., 020 slotted PVC and five feet (5') of blank two inch (2") PVC. All PVC was decontaminated before being placed into the well annulus.

On 21 January 1992, groundwater samples were collected. Water samples were retrieved from the temporary monitoring points with a decontaminated two inch (2") acrylic bailer and placed into laboratory prepared glass bottles. These were then chilled in a cooler to preserve the original nature of the sample.

Visual and olfactory examination for sheen, floating product, and odor in the water samples was conducted at the time of sample acquisition. A visible sheen was observed in only one sample, U-16. No odors were detected in any of the water samples.
After the water had been sampled, all monitoring points were filled with a neat grout that consisted of five (5) gallons of water per one sack of Nevada Class II cement. This was done to assure that liquids foreign to the groundwater aquifer had no conduit into the aquifer.

Groundwater sampling methodologies were those specified in the LUFT Investigation and Monitoring Workplan dated 25 October 1991 as submitted to Alameda County Department of Environmental Health.

The following table summarizes the results of the chemical analysis of the groundwater samples obtained from the monitoring points.

TABLE SIX

GROUNDWATER ANALYTICAL RESULTS FROM TEMPORARY MONITORING POINTS

Sample Date: 21 JANUARY 1992

Sample Location: U14-A

Compound	Test Method	Result
Kerosine	EPA 8015	2.0ppm
Diesel	EPA 8015	ND
Lead	TTLC 7420	ND
TRPH	TRH 418.1	3.0ppm

Sample Date: 21 JANUARY 1992

Sample Location: U15-A

Compound	Test Method	Result
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
Lead	TTLC 7420	ND
TRPH	TRH 418.1	ND

Sample Location: U16-A

Compound	Test Method	Result
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
Lead	TTLC 7420	ND
TRPH	TRH 418.1	18.0ppm

Sample Location: U17-A

Compound	Test Method	Result
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
Lead	TTLC 7420	ND
TRPH	TRH 418.1	ND

Sample Collection Equipment and Procedures:

Sample collection methodologies and chain of custody protocols were to those specified pursuant to the "Tri-Regional Board Staff Recommendations for the Investigation of Underground Tank Sites". All other methodologies and operating practices were consistent to the submitted workplan.

Soil

Soil sampling methodologies were performed according to specifications in the Leaking Underground Fuel Tank (LUFT) Investigation and Monitoring Workplan dated 25 October 1991 and 26 February 1992, respectively.

All borings were drilled using a Mobile B-53 drilling rig and four inch (4") inside diameter hollow stem augers. Neither drilling fluid nor air were used to aid the drilling process. Where possible, undisturbed soil samples were acquired by advancing a two inch (2") diameter Modified California or Split Spoon sampler into the soils a minimum of eighteen inches (18") using a one-hundred and forty (140) pound hammer dropped thirty inches (30"). Blow counts were recorded for every one foot (1') segment of the two foot (2') drive, and are included in the boring logs.

The soil samples were retained in clean brass tubes contained within the sampling device. Those samples, acquired for the purpose of chemical analysis, were sealed at both ends with teflon foil sheets and then sealed with plastic end caps and taped. These samples were then sequestered in a chilled ice chest for transportation to an analytical laboratory.

Two brass liners containing soil were retrieved during each sampling drive. One of these two liners, a six inches (6") long by two inch (2") diameter brass tube containing a portion of soil sample was remanded to the custody of the analytical laboratory. The contents of the second tube was analyzed by field methods for volatile organic compounds. This procedure consisted of emptying the contents of the brass tube into a "ziplock" style plastic bag. The bag and its contents were then placed either into direct sunlight or under an alternative heat source for a period of time. The bag was then pierced and the "headspace" within was tested for volatile organic compounds with a portable photoionizing hydrocarbon detection (PID) device. Results of the field analysis for soil borings E-1 through E-4 were presented earlier in this report.
Based upon the "headspace" test results and field observations, samples with apparent contamination were subjected to laboratory analysis at the discretion of the site supervisor. A sample from the first or second interval below the level believed to be contaminated was analyzed to facilitate assessment of the vertical extent of contamination.

Groundwater:

All groundwater sampling activities were performed according to specifications in the Leaking Underground Fuel Tank (LUFT) Monitoring Workplan dated 26 February 1992 submitted to Alameda County Department of Environmental Health.

Groundwater samples were obtained with a clean bailer, and placed in appropriate sample containers prepared and provided by the analytical laboratory. The samples were acidified to the appropriate pH in order to assure preservation. The containers were placed on ice in an ice chest and immediately transported to a State of California approved analytical laboratory.

Statement of Findings for Soil and Groundwater:

Soil samples from all eighteen (18) borings were collected, however only those samples that exhibited high potential for contamination were analyzed. All samples were checked for visual and olfactory evidence of contamination. A layer of silty sand that existed from two to five feet (2'-5') below the ground surface, was noted to be blackish gray in color. A faint odor was also present in the discolored sand strata. This was construed to be evidence of possible contamination. Chemical analysis of the soil samples revealed that three (3) borings, E4, E6, and U14, contained varying levels of contamination.

Groundwater samples were collected from monitoring points U-14 through U-17 for laboratory analysis. Low concentrations of petroleum hydrocarbons were found in the samples from temporary monitoring points U14 and U16. There were no detected hydrocarbon impurities in the groundwater samples obtained from U15 and U17.

Based upon the chemical analysis and locations of all soil and water samples, it appeared that a localized area of the property had been impacted by a leakage of gasoline (Plate 3, Appendix A). This area included that portion of the site beginning forty feet (40') from the south-west property corner, thence northward sixty-four feet (64'), thence eastward in an arc with a radius of thirty-two feet (32') back to the point of beginning. This study area resided exclusively on property owned by Dolan Foster Enterprises and did not extend to any property belonging to city or state entities. This area also coincides with older aerial photos as being the site of a now removed gasoline pump island. It can be conjectured that the pump island pipe connections were the source of the gasoline leakage. Soil sample analysis indicates that contamination within this area has not penetrated more than eight to nine feet (8'-9') below the ground surface. This can likely be attributed to a stratigraphic layer of lightly cemented silty sand that acts as a confining layer. However, the presence of the confining layer did not prevent contaminates from entering the groundwater in the area of boring U14.

Two working hypothesis have been formulated as to how the contaminates entered into the groundwater. They are as follows:

1. Even though there is no documented proof of gasoline storage tanks being interred in the ground where the existing Taco Bell restaurant resides, the possibility exists that the gasoline entered the groundwater at a point where the gasoline storage tanks may have been buried. However, due to the lack of contamination in three (3) borings proximal to this alleged gasoline tank storage site, the probability is low that the contamination emanated from that point on the subject site.

2. It is possible that the source of the groundwater contamination was a release within the defined area of soil contamination. It is suspected that the gasoline migrated into the groundwater via the utility trenches that have been dug near the suspected leak site (from underneath the old pump island). These trenches

include gas, water, electrical, and sewer lines. Any trench that penetrated the confining layer would serve as a conduit into the groundwater for contaminates that exists in the soil. This hypothesis seems to be the more probable of the two.

SITE REMEDIATION

Taking into account the extent and type of contamination, Best Available Technology (BAT) was employed to clean the site. Site remediation was conducted in accordance to the LUFT Monitoring Workplan and Summary Reports dated 26 February 1992 and 2 March 1992, respectively.

Field Observations:

On 1, 2, and 3 June 1992, soils were removed from the area where the former tank dispensers were located. Only native soils registering PID measurements above five (5) ppm or emitting chemical odors were removed from the excavation site. Additionally, soils from the bottom and the sidewalls of the excavation, registering elevated PID readings, were removed to depths varying from four to six feet (4'-6') below grade, as observed by Eva Chu of the Alameda County Environmental Health Department (ACEHD). Excavation boundaries and depth contours are shown on Plate 12, Appendix A.

Native soils encountered at depths to six feet (6') below grade emitted strong chemical odors and registered fifty to two-hundred (50-200) on a relative scale as organic vapor on a PID. The highest chemical concentrations in the soils appeared to be in the upper three to six feet (3'-6') of strata. These soils were removed. The excavated soils were stockpiled on the designated area. The PID measurements of soil suggest that the chemical concentrations in the soils were greatly reduced at the depth of seven feet (7') below grade. Specifically, reductions in contaminant levels were observed at the seven foot (7') depth and away from the previously located fuel storage tank and associated plumbing.

Approximately three-hundred (300) cubic yards of native soils were removed from the excavation. All trucking, excavation and backfilling was performed by V.C.I. Construction Corporation, registered DOT, DMV, EPA, etc. Asphalt concrete was removed using mechanical equipment, placed in a "dump truck" and transported from the site. Soils were excavated and transported to a dedicated area in the parking lot that had been properly prepared to receive the soil for stockpiling. The designated area was prepared by covering the area with overlapping plastic sheeting. The stockpile was located on the north half of the parking lot, as depicted on Plate 13, Appendix A. The stockpile was covered with plastic sheeting until aeration was initiated.

Soil and water samples were collected from the excavation bottom and sidewalls under the observation and direction of Eva Chu, Alameda County Environmental Health & Hazardous Waste Specialist. Sample locations are depicted on Plate 12, Appendix A. Analysis results for the soil and groundwater samples collected from the excavation bottom and sidewalls are outlined in the following tables

TABLE SEVEN

EXCAVATION SITE SAMPLE ANALYTICAL RESULTS

Sample Date: 3 JUNE 1992

SOIL

		Sample No.			
Compound	Test Method	#1	#2	#3	#4
Benzene	EPA 8020	ND	ND	ND	ND
Toluene	EPA 8020	ND	ND	ND	ND
Ethylbenzene	EPA 8020	ND	ND	ND	ND
Xylenes	EPA 8020	ND	ND	ND	ND
Gasoline	TFH,EPA 5030	ND	ND	ND	ND

SOIL

		Sample No.			
Compound	Test Method	#5	#6	#7	#8
Benzene	EPA 8020	ND	ND	ND	ND
Toluene	EPA 8020	ND	ND	ND	ND
Ethylbenzene	EPA 8020	ND	ND	ND	ND
Xylenes	EPA 8020	ND	ND	ND	ND
Gasoline	TFH,EPA 8020	ND	ND	ND	ND

WATER

		Sample No.	
Compound	Test Method	#9	#12
Benzene	EPA 602	29.0ppb	16.0ppb
Toluene	EPA 602	130.0ppb	400.0ppb
Ethylbenzene	EPA 602	ND	200.0ppb
Xylene	EPA 602	2800.0ppb	2300.0ppb
Gasoline	TFH,EPA 5030	29.0ppm	21.0ppm

Excavation Backfilling:

The excavated area was backfilled and compacted with pit run to a depth of two feet (2') below the ground surface. Aggregate base was then used to backfill the remainder of the excavation. All backfill was compacted to 90% of the maximum dry density of the material being used. The area was left unpaved as construction of a new restaurant was pending and the original Taco Bell Restaurant was scheduled to be demolished.

Soil Aeration:

The approximately three-hundred (300) cubic yards of petroleum tainted native soils from beneath and adjacent to the gasoline dispenser islands were aerated on site under permit issued by the Bay Area Air Quality Management Department (BAAQMD),(a copy of the permit is in the custody of Dolan Foster). The area used for aeration was lined with 10-mil. overlapping plastic sheeting and enclosed by an existing fence. Soils were spread in an approximately two feet to three feet (2'-3') thick layer over the area. Soils were initially turned and spread using backhoe and loader equipment. Once the soils were spread evenly over the area, discing equipment was used to mix, turn, and break up soil clods. Discing of the soils was performed twice weekly for a period of three (3) weeks by V.C.I. Construction until the soils were relatively dry and consistent in character (mixing of the clay and sand soils resulted in a loose, clayey sand).

After mixing and turning the soil for two (2) weeks, soil samples were collected on 15 June 1992 according to BAAQMD guidelines for laboratory analysis. Four (4) soil samples were obtained and are identified as SW #1, Center #2, NE #3, and NW #4. Sample identifications correspond to the southwest corner, center, northeast corner and northwest corner of the stockpile, respectively. Soil sample locations are depicted on Plate 13, Appendix A.

After two (2) weeks of soil mixing in the stockpile, results of the chemical analyses of soil samples collected from the stockpile are as follows:

TABLE EIGHT

STOCKPILE SOIL ANALYTICAL RESULTS

Sample Date: 15 JUNE 1992

		Sample ID		
Compound	Test Method	S.W #1	Center #2	N.E. #3
Benzene	EPA1311/5030/8020	ND	0.9ppb	ND
Toluene	EPA1311/5030/8020	1.3ppb	5.6ppb	1.1ppb
Ethylbenzene	EPA1311/5030/8020	0.9ppb	5.8ppb	0.5ppb
Xylene	EPA1311/5030/8020	45.0ppb	40.0ppb	5.5ppb

Compound	Test Method	N.W. #4
Sulfide	Standard 9030	ND
Flashpoint	EPA 1010	>140°F
Cyanide	EPA 9010	ND
pH	EPA 9045	8.6

These results indicate that the soils were sufficiently aerated to allow disposal off site. As a result, further characterization was not deemed necessary by B.F.I. Waste Systems, the receiver of the remediated soil. The stockpile soils were removed from the subject property by B.F.I. Waste Systems (a copy of the manifest is in the custody of Dolan Foster).

Impact Assessment:

For the purposes of modeling the residual contaminant levels, a mass balance calculation based on the data gathered from the chemical analysis can be considered. However, with respect to this project, this calculation was not deemed necessary. As disscussed previously, the contaminated soils were removed from the property following the on-site remediation.

Further Subsurface Characterization:

On 6 July 1992, Dolan Foster Enterprises demolished the existing Taco Bell Restaurant so as to construct a new facility. This allowed access to an area that was predetermined to be the former tank field. During the destruction of the building, a previously, unknown waste oil storage vessel was discovered.

To characterize the former tank field, three (3) soil borings were drilled under the direction of the Field Geologist on 13 July 1992. Soil samples were then acquired from each boring where there was either a change in lithology or at elevations where contamination was obvious by sense of smell. Boring/sample locations are depicted on Plate 13, Appendix A and are identified as West Tank, East Tank and Waste Oil. The Waste Oil boring was placed at the site of the waste oil container. The West Tank soil sample was retained from five feet (5') below the ground surface. The East Tank soil sample was retained from five feet (5') and ten feet (10') below the ground surface. Two (2) soil samples were collected from the Waste Oil boring. The first sample was acquired from five feet (5') to six feet (6') below ground surface, i.e., two feet (2') to three feet (3') beneath the bottom of the waste oil container. The second sample was taken from nine feet (9') to ten feet (10') below ground surface. Soils encountered during the drilling of West Tank (E-19) and East Tank (E-20) borings were logged and are graphically presented on Plate 7, Appendix A.

Soil sample results: The following table summarizes the results of chemical analyses of the soil samples obtained from the former tank field.

TABLE NINE

FORMER TANK FIELD SOIL ANALYTICAL RESULTS

Sample Date: 13 JULY 1992

Sample Location and Depth: West Tank 5'

Compound	Test Method	Result
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TPH,EPA 5030	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	4.0ppm

Sample Date: 13 JULY 1992

Sample Location and Depth: East Tank 5' 10' composite

Compound	Test Method	Result
Benzene	EPA 8020	0.21ppm
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	0.49ppm
Gasoline	TPH,EPA 5030	33.0ppm
Kerosine	EPA 8015	22.0ppm
Diesel	EPA 8015	12.0ppm

Sample Location and Depth: Waste Oil Barrel 2' 3' composite

Compound	Test Method	Result
Gasoline	TPH,EPA 5030	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	8.0ppm
Oil & Grease	EPA 418.1	ND

Sample Location and Depth: Waste Oil Barrel 10'

Compound	Test Method	Result
Gasoline	TPH,EPA 5030	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	4.0ppm
Oil & Grease	EPA 418.1	ND

The waste oil storage vessel, its contents and the surrounding soils were removed and disposed of at B.F.I. Waste Systems on Vasco Road in Livermore, California (copy of manifest is in the custody of Dolan Foster).

GROUNDWATER MONITORING WELL INSTALLATION:

On 13 and 14 August 1992, LRA Environmental constructed four (4) groundwater monitoring wells (MW) on the subject property. MW1, MW2, and MW3 were drilled to a terminal depth of eighteen feet (18'). MW4 was drilled to a terminal depth of nineteen feet (19'). All wells were constructed in accordance to the methods outlined in the LUFT Monitoring Workplan, dated February 26, 1992. Well placement were in accordance with the Regional Water Quality Board guidelines (i.e., one well upgradient, two wells down gradient and one well within ten feet (10') of the original contamination source in the verified downgradient direction). The location of the MWs are depicted on Plate 14, Appendix A. MW1, MW2, MW3, and MW4 were drilled under permit #92387 issued by the Alameda County Flood Control and Water Conservation District (well completion reports and permit are attached in Appendix C).

Once the water level in each well was established, quarterly groundwater monitoring was initiated. The first sampling event was conducted on 4 January 1993. Subsequent sampling events were conducted on 1 September 1993, 6 December 1993, and 14 April 1995. The Third and Fourth Quarter Groundwater Monitoring Reports dated 20 October 1993 and 27 January 1994, respectively, submitted by LRA Environmental are in the possession of Alameda County Department of Environmental Health.

Water and Product Level

The water level in each monitoring well was first measured on 1 January 1993 relative to mean sea level (MSL) datum as determined by available local monuments. The elevation of the top of the well case was established as +4.27 feet (MSL), +4.77 feet (MSL), +4.21 feet (MSL), and +4.65 feet (MSL) for MW1, MW2, MW3, and MW4, respectively. Subsequent water level measurements were recorded on 4 January 1993, 1 September 1993, 6 December 1993, and 14 April 1995.

A Solinst Water Level Gauge was used to determine the water level in each monitoring well. Water level measurements were made to the nearest tenth (1/10th) of a foot.

The well elevation and depth to groundwater are presented in tabular form as follows:

TABLE TEN

RELATIVE WATER SURFACE ELEVATIONS

Date	Elevation Top of Casing	Depth to Water	Water Surface Elevation
		MW1 - Water	
4 January 1993	4.27'	3.30'	+.97' MSL
1 September 1993	4.27'	4.44'	-.17' MSL
6 December 1993	4.27'	3.61'	+.66' MSL
14 April 1995	4.27'	3.68'	+.59' MSL
		MW2 - Water	
4 January 1993	4.77'	3.10'	+1.67' MSL
1 September 1993	4.77'	4.03'	+.74' MSL
6 December 1993	4.77'	4.08'	+.69' MSL
14 April 1995	4.77'	3.18'	+1.59' MSL
		MW3 - Water	
4 January 1993	4.21'	3.10'	+1.11' MSL
1 September 1993	4.21'	3.52'	+.69' MSL
6 December 1993	4.21'	3.58'	+.63' MSL
14 April 1995	4.21'	3.10'	+1.11' MSL
		MW4 - Water	
19 January 1993	4.65'	1.47'	+1.11' MSL
1 September 1993	4.65'	3.61'	+1.04' MSL
6 December 1993	4.65'	4.35'	+.30' MSL
14 April 1995	4.65'	3.48'	+1.17' MSL

Groundwater gradients and elevations for each sampling event were calculated and graphically presented on Plate 15-18, Appendix A.
After the depth to water in each monitoring well was established, and prior to purging the well, a water sample was collected in a clear acrylic bailer. The sample was visually assessed for the presence of free product and/or sheen, and detectable odor by sense of smell. No free product, sheen, or any detectable odors were detected in the water samples collected during the 4 January 1993, 1 September 1993, 6 December 1993 and 14 April 1995 sampling events for the four (4) monitoring wells.

Purging Procedures:

After assessing the water for free product and sheen, groundwater samples were acquired for the purpose of chemical analysis from each of the monitoring wells. Each monitoring well was purged by using a four inch (4") submergeable pump. The pump was decontaminated before purging each monitoring well pursuant to the approved workplan. After the depth of water was established, the wetted casing volume was determined for each monitoring well. Five (5) wetted casing volumes were pumped from the each monitoring well. The water level in the monitoring well was allowed to recover to a minimum of eighty (80) percent of the wetted casing volume prior to obtaining the samples to be subjected to chemical analysis. Water quality parameters including pH, temperature, salinity, and specific conductivity were monitored for every casing volume purged. Each well was considered stable when three (3) consecutive well casing volumes were purged exhibiting the characteristics outlined in the following table.

TABLE ELEVEN

PURGE STABILIZED CHARACTERISTICS

pH: plus or minus 0.1

Temperature: plus or minus 0.5 degrees fahrenheit

Specific conductivity: plus or minus 1.0%

The water quality parameters were logged in the field at the time the well was purged and sampled and cumulative parameter tables for each well are included in Appendix B.
The monitoring equipment employed on this project include a pH meter (Bantex model LCD-5), an electrical conductivity, salinity, and temperature meter (YSI model 33 S-C-T meter), and a photo-ionizing hydrocarbon detector (H-nu, model PI 101).

Groundwater Quality Analysis:

A comprehensive table of all groundwater sampling events and analytical results

for the subject property is presented in Appendix D. The following table summarizes the results of the chemical analysis of the groundwater samples obtained from MW1, MW2, MW3 and MW4.

TABLE TWELVE

GROUNDWATER ANALYTICAL RESULTS

Sample Date: 4 January 1993

Constituent	Test Method	MW1	MW2	MW3	MW4
Benzene	EPA 602	ND	ND	ND	ND
Toluene	EPA 602	ND	ND	ND	ND
Ethylbenzene	EPA 602	ND	ND	ND	ND
Xylenes	EPA 602	ND	ND	ND	ND
Diesel	TPH,EPA8015mod.	ND	ND	ND	ND
Kerosene	TPH,EPA8015mod.	ND	ND	ND	ND
Gasoline	TPH,EPA5030	ND	ND	ND	ND
Oil & Grease	EPA 418.1	ND	ND	ND	ND

Sample Date: 1 September 1993

Constituent	Test Method	MW1	MW2	MW3	MW4
Benzene	EPA 5030/602	ND	ND	ND	ND
Toluene	EPA 5030/602	ND	ND	ND	ND
Ethylbenzene	EPA 5030/602	ND	ND	ND	ND
Xylenes	EPA 5030/602	ND	ND	ND	ND
Diesel	TPH,EPA3510/8015	ND	ND	ND	ND
Kerosene	TPH,EPA3510/8015	ND	ND	ND	ND
Gasoline	TPH,EPA5030/8015	ND	ND	ND	ND
Oil & Grease	EPA 3510/9070	ND	ND	30.0ppm	ND

Sample Date: 6 December 1993

Constituent	Test Method	MW1	MW2	MW3	MW4
Benzene	EPA 5030/602	ND	ND	ND	ND
Toluene	EPA 5030/602	ND	ND	ND	ND
Ethylbenzene	EPA 5030/602	ND	ND	ND	ND
Xylenes	EPA 5030/602	ND	ND	ND	ND
Diesel	TPH,EPA3510/8015	ND	ND	ND	ND
Kerosene	TPH,EPA3510/8015	ND	ND	ND	ND
Gasoline	TPH,EPA5030/8015	ND	ND	ND	ND
Oil & Grease	EPA 3510/9070	ND	5.5ppm	ND	ND

Sample Date: 25 April 1995

Constituent	Test Method	MW1	MW2	MW3	MW4
Oil & Grease	EPA 3510/9070	ND	ND	ND	ND

Statement of Findings for Quarterly Groundwater Monitoring:

The groundwater samples acquired from MW1, MW2, MW3, and MW4 during the 4 January 1993 were free of detectable concentrations of oil and grease. At the time samples were collected, the well coverings were observed to be intact, and no runoff water had ponded in the annular space inside the wellhead.

The groundwater samples acquired from MW1, MW2, and MW4 on 1 September 1993 were free of detectable concentrations of oil and grease. MW3 produced a groundwater sample that contained thirty milligrams per litre (30.0 mg/l) of oil and grease. At the time that the groundwater sample was collected from MW3, it was observed that the well cover had been tampered with; runoff water had collected in the annular space between the outer and inner casing. MW3 is located adjacent to the southern terminus of the drive through. The franchise operator routinely cleans the oil buildup from this concrete drive. The tainted wash-water's flow path to the nearest storm drain directly traverses MW3. The unsecured well cover allowed a possible conduit for the tainted water to infiltrate MW3.

The groundwater samples collected from MW1, MW3, and MW4 on 6 December 1993 were free of detectable concentrations of oil and grease. In this sampling round MW2 was tainted with oil and grease in excess of the analytical method reporting limit. The reported concentration was five point five milligrams per litre (5.5 mg/l). At the time that the groundwater sample was acquired from MW2, the well cover was observed to have been damaged or disturbed; runoff water had collected in the annular space inside the wellhead. Allowing a possible conduit for tainted runoff water to enter MW2.

The groundwater samples collected from MW1, MW2, MW3, and MW4 on 25 April 1995 were free of detectable concentrations of oil and grease. At the time that the groundwater samples were collected, all well covers were observed to be intact; no runoff water had collected in the annular space inside the wellhead.

The detection of oil and grease in MW2 and MW3 only occurred when their well covers had been disturbed and provided a direct pathway for the tainted runoff water to enter the groundwater. Sampling events, 4 January 1993 and 25 April 1995, were consistent and groundwater samples taken from each well were free of detectable levels of oil and grease. In these two sampling events all well covers were intact and undisturbed. There is no reproducible pattern in terms of the wells that produced detectable concentrations of oil and grease, nor is there any consistency in the amounts of product detected in the samples. In accordance to the 17 March 1994 correspondence from Alameda Department of Environmental Health (copy attached in Appendix C), well heads were repaired

to prevent surface intrusion, and an additional set of groundwater samples were collected. The 25 April 1995 sampling event produced non detectable levels of oil and grease for all wells and it may be inferred the source of contamination was from tainted runoff via the disturbed cap and not from previous releases at the site.

A comparison of the contaminants in the soils on the subject property to the local "background" levels of constituents inherent in the native soils was unattainable since no detectable levels of constituents were found in the laboratory analysis.

Analytical Protocols:

Groundwater samples remanded to the custody of the analytical laboratory were tested pursuant to U.S.E.P.A. Test Methods 8015 modified and 3510/8015 (TPH as Diesel and Kerosene), 5030/8015 (TPH as Gasoline), 3510/9070 (Total Oil and Grease), and 5030/602 (BTEX). Samples collected on 25 April 1995 were only tested for Total Oil and Grease.

Quality Assurance/Quality Control Procedures:

Quality assurance and quality control (QA/QC) procedures in the laboratory setting consisted of those measures commonly employed to insure the accuracy and quality of the data generated from the laboratory analysis of the individual soil and water samples. The minimum QA/QC procedures for this investigation consisted of spike analysis, duplicate analysis, standard reference sample (when applicable), and the use of "blanks" as mandated by the prevailing standards of care. Laboratory QA/QC procedures for all samples were typical of those used to meet all state and federal mandates.

Equipment Decontamination Procedures:

Sampling equipment such as bailers, pumps etc. were decontaminated between uses by washing in an appropriate detergent solution followed by two (2) tap and one (1) distilled water rinses. Purge pumps and other related hardware were decontaminated prior to each use. The pump interiors were decontaminated by circulating an appropriate detergent solution through the pump, followed by a fresh water rinse.

Disposal of Contaminated Material:

All water obtained from the sampling of the groundwater monitoring wells was placed in approved drums which were sealed, labeled, and stored on site prior to disposal which was conditional upon analytical results.

WELL DESTRUCTION

On October 28, 1996, the four (4) groundwater monitoring wells used for quarterly analysis (MW1, MW2, MW3, MW4) were destroyed under a permit issued by the Alameda County Flood Control and Water Conservation District, District 7 (Permit

#96599). Permission was granted to destroy the wells based on the "non-detect" results from quarterly groundwater contamination analysis. The purpose for the destruction of the monitoring wells was to eliminate the potential for physical hazard and to eliminate possible conduits from the surface to the underlying saturated zone.

To insure that the wells could be properly sealed, each well was investigated for obstructions that would interfere with placing the filling material. After it was determined that the well casings were intact and unobstructed to the bottom of each well, the wells were deemed fit to seal and abandon.

For the purposes of sealing the wells, a cement and bentonite grout was mixed on site. This cementicious mixture consisted of Type I-II Portland cement with approximately a five (5)% by weight bentonite replacement. Mix water was obtained from the local water supply. Also used as a sealing material was a prepackaged non-ferrous, non-shrink grout mixture. The grout was mixed thouroughly to ensure that a homogeneous mixture was obtained, and no "lumps" existed.

The following procedure was applied to all four (4) wells sealed. The well casings from the bottom to the top of the casing were pressure grouted using the cement and bentonite mixture. A pvc tube connected in five (5) foot sections was used as "tremie pipe". Pressure was generated by a truck-mounted pump which was able to generate a pressure of 15 psi. The well casings were sealed in one continuous operation. The pvc tube used for placement was slowly extracted from the well as the sealing material consolidated itself. When the cement and bentonite mixture reached the top of the casing, the original well casing plug was reinstalled and tightened. The remaining well vault was then filled with the non-shrink grout mixture and troweled flush with the existing ground surface.

CONCLUSIONS

The results of the subsurface investigation indicated an isolated zone of influence for the contaminants present in the soil for the subject site. Subsequent remediation treatment by over-excavation and complete removal of the contaminated soils from the site eliminated the possibility for further contaminat impact. Based on the analytical results obtained for the quarterly groundwater monitoring reports for four (4) consecutive monitoring periods, the contaminant levels in the groundwater have been consistent with contaminant results of "non-detect". With the monitoring wells properly sealed, the conditions remaining at the site will not adversely impact the local water quality, health, or other beneficial uses. It is thus our recommendation that this site be closed in accordance with the applicable local, state, and federal regulations.

SIGNATURE STATEMENT

This closure report has been prepared by the staff of **LRA ENVIRONMENTAL** and has been reviewed and approved by the professionals whose signatures appear below.

The recommendations, specifications, and methodologies presented herein were prepared and presented, within the parameters set by the California Regional Water Quality Control Board, in accordance to generally accepted engineering practices at the time that this technical report was prepared, and are true and correct to the best of our knowledge. No other warranty is expressed or implied. This report was prepared through the use of information and data provided by others. **LRA ENVIRONMENTAL** in no way warrants the validity or accuracy of any information provided by these sources.

LRA ENVIRONMENTAL

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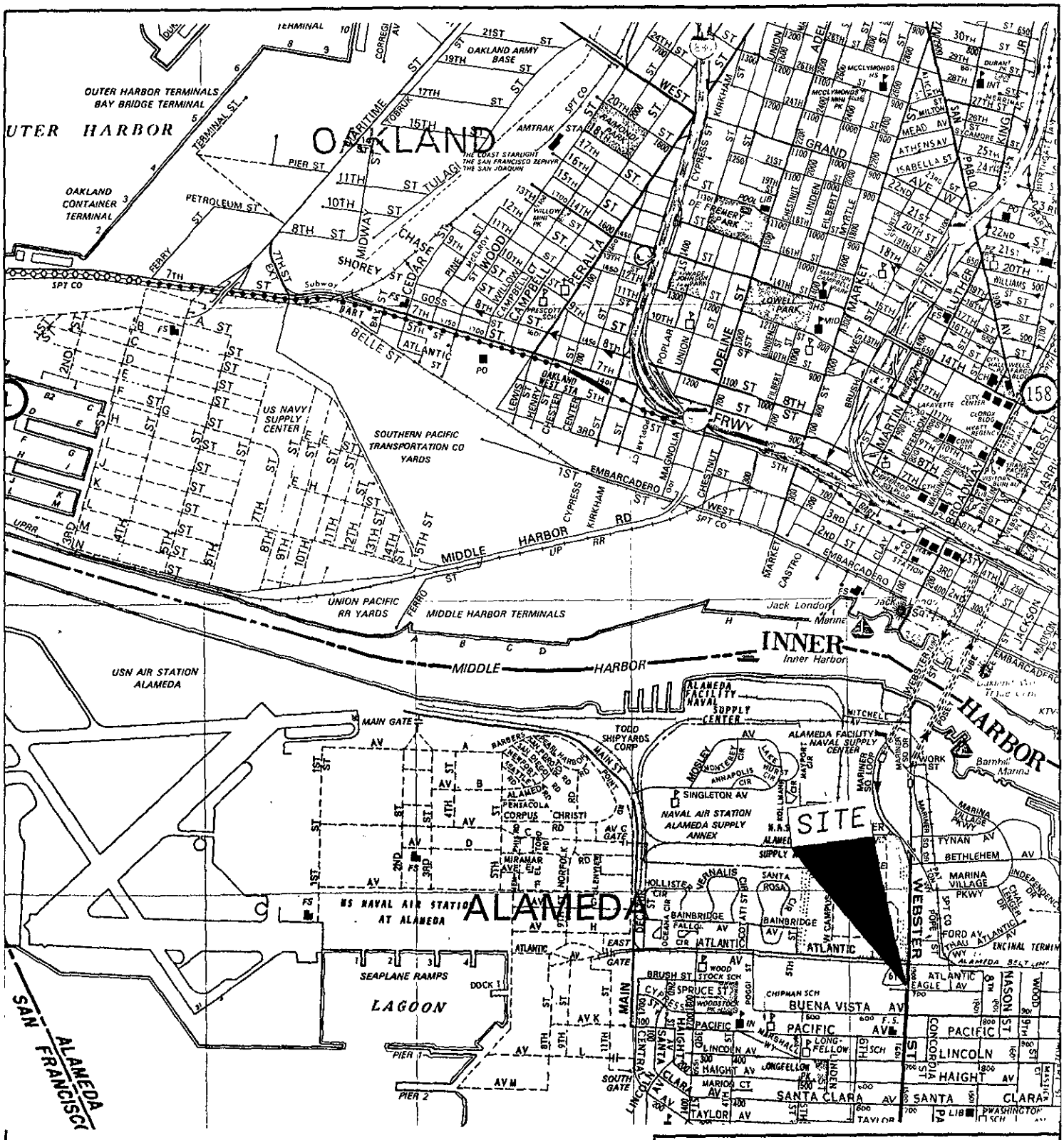
Reviewed by:

Robert A. Nicholson, R.E.A. 01326

Laver L. Roper
REA# 01234, RCE# 15555
President

APPENDIX A

- Vicinity Map
- Location Map
- Location Map - Soil Borings
- Soil Profile and Boring Log E-1, E-2, E-3, & E-4
- Soil Profile and Boring Log E-5, E-6, E-7, & E-8
- Soil Profile and Boring Log E-9, E-10, E-11, & E-12
- Soil Profile and Boring Log E-13, E-19, & E-20
- Soil Profile and Boring Log U-14, U-15, U-16, & U-17
- Soil Profile and Boring Log U18
- Soil Profile Legend
- Location Map - Excavation
- Location Map - Stockpile
- Location Map - MWs
- Groundwater Gradient Diagram, 4 January 1993
- Groundwater Gradient Diagram, 1 September 1993
- Groundwater Gradient Diagram, 6 December 1993
- Groundwater Gradient Diagram, 14 April 1995



TACO BELL ALAMEDA

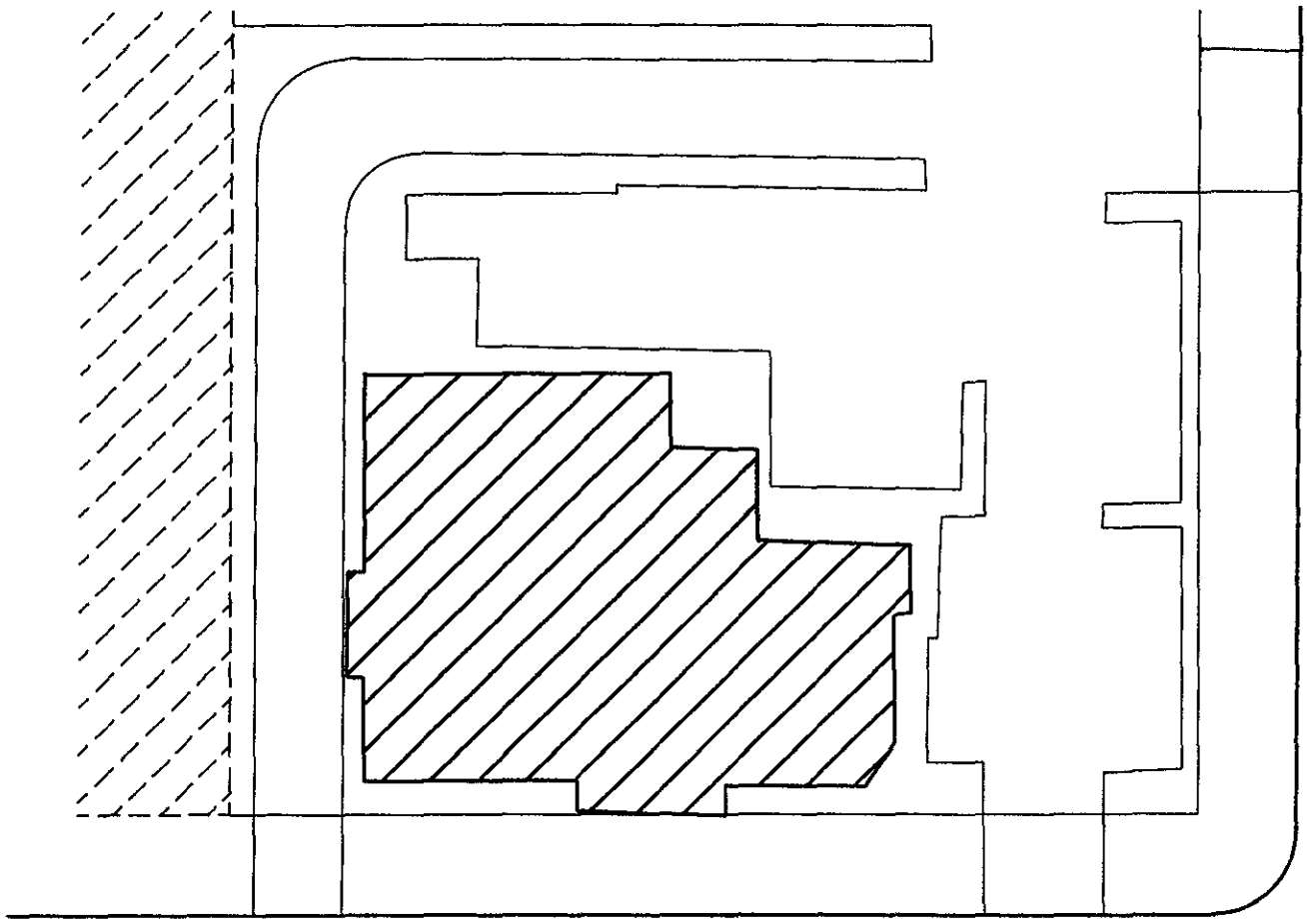
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

3235 SUNRISE BLVD, STE 5
RANCHO CORDOVA CA 95742

DATE 28-JAN-94

DRWG. NO. E9170H-1

PLATE 1



PRESENT STRUCTURE

PARKING LOT

N

NOT TO SCALE

CLOSURE REPORT
TACO BELL

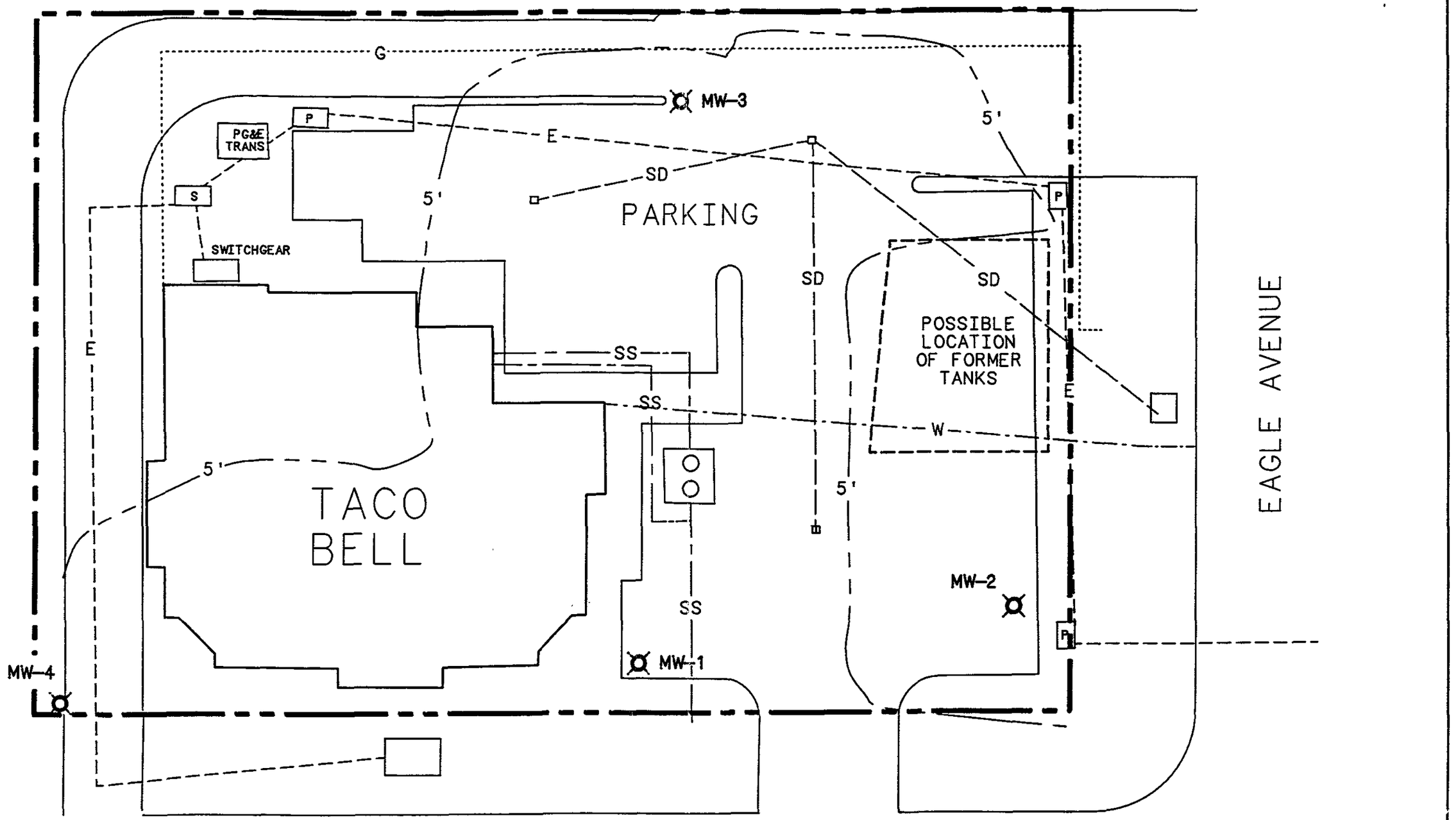
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

LOCATION MAP

LRA ENGINEERING
3235 SUNRISE BLVD, SUITE 5
RANCHO CORDOVA CA 95742

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 2



LEGEND

- PROPERTY LINE
- SANITARY SEWER
- ELECTRICITY
- WATER LINE
- GAS LINE
- STORM DRAIN
- ELEVATION LINE
- BUILDING OUTLINE
- MONITORING WELL

N

SCALE: 1"=15'

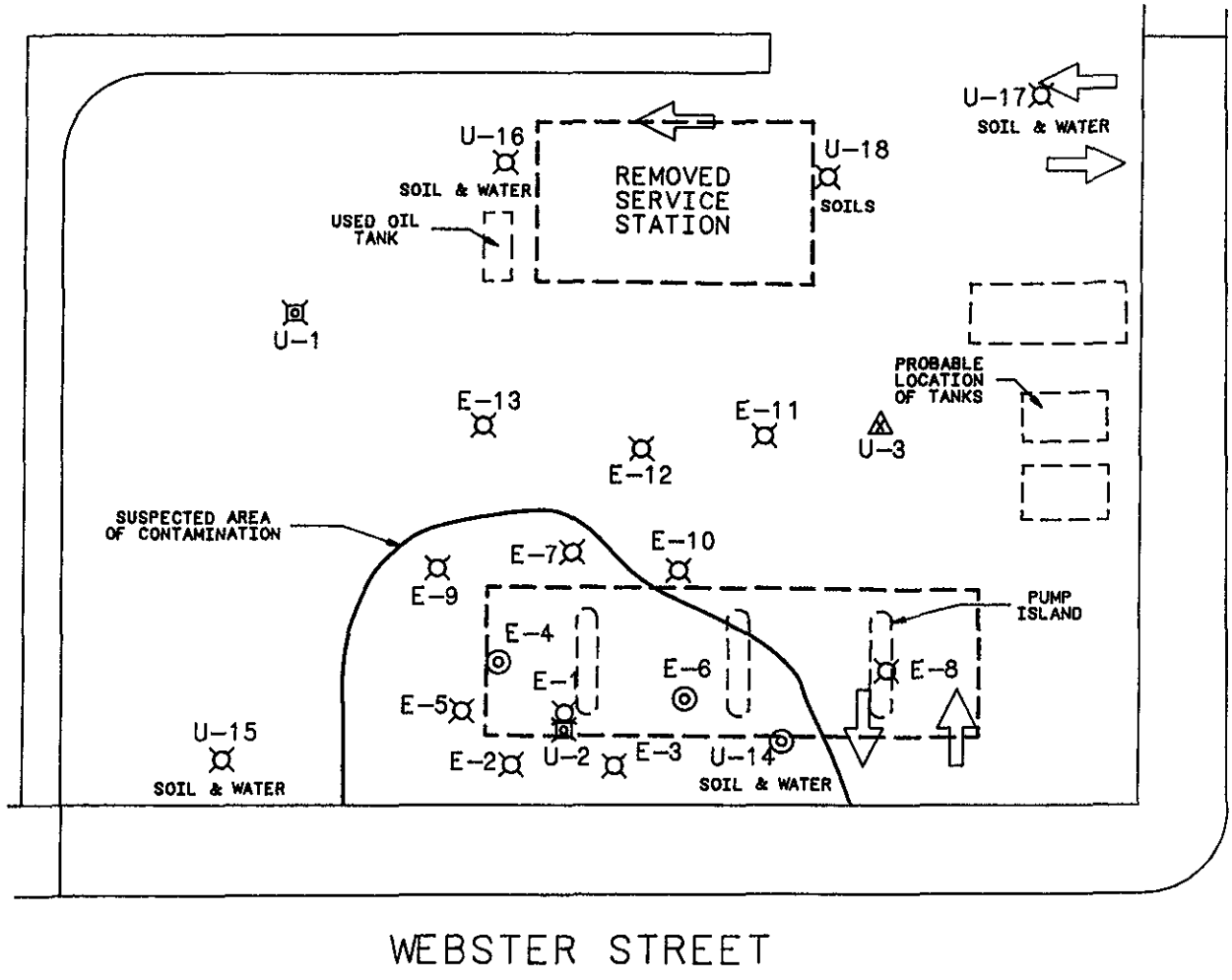
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SITE MAP

LRA ENGINEERING
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES
11500 SUNRISE GOLD, SUITE H - RANCHO CORDOVA, CA

DATE 15 NOV 96
DRWG. NO. E9170

PLATE NUMBER 2-A



NOTE

LOCATION OF FORMER BUILDING AND TANK SITES TAKEN FROM SITE MAPS DRAWN IN THE YEARS 1951 AND 1986 PER THE EXXON COMPANY, U.S.A. IN CONCORD, CA.

LEGEND

- EXPLORATORY BORINGS-DESIGNATED "E"
- GEOTECHNICAL 1 DRIVE BORING-DESIGNATED "U"
- GEOTECHNICAL 3 DRIVE BORINGS-DESIGNATED "U"
- EXPLORATORY BORINGS-CONTAMINATED-DES. "E"
- FORMER TANK LOCATIONS
- LOCATION OF FORMER STRUCTURES

N

NOT TO SCALE

CLOSURE REPORT
TACO BELL

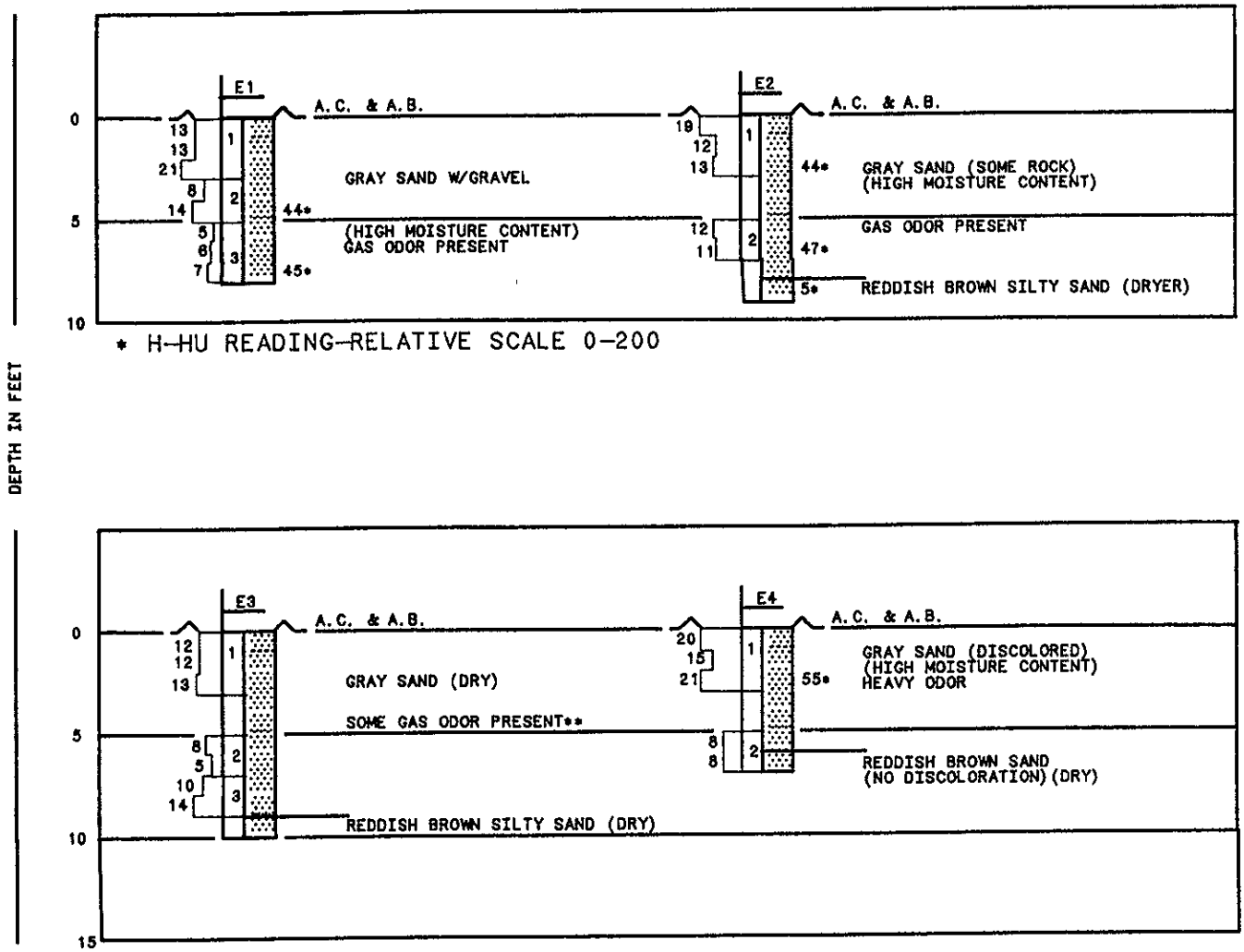
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

LOCATION MAP – SOIL BORINGS

LRA ENGINEERING
3235 SUNRISE BLVD, SUITE 5
RANCHO CORDOVA CA 95742

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 3



* H-HU READING-RELATIVE SCALE 0-200

** NON-DETECTABLE READING
HOWEVER, DETECTED BY SENSE OF SMELL

SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as resonably accurate.

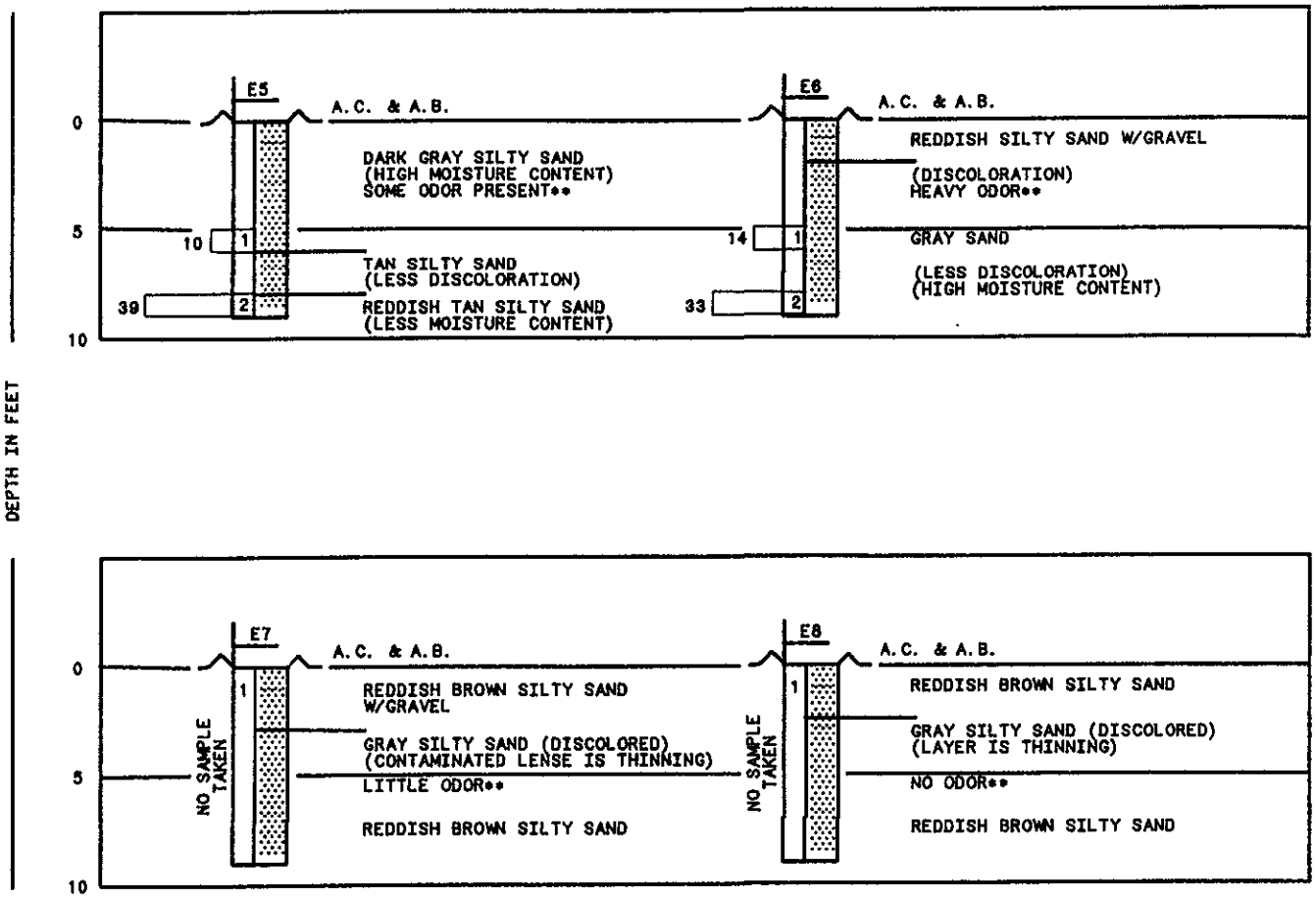
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES
3285 SUNRISE BLVD., SUITE 5 - RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 4



** NON-DETECTABLE READING
HOWEVER, DETECTED BY SENSE OF SMELL

SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as reasonably accurate.

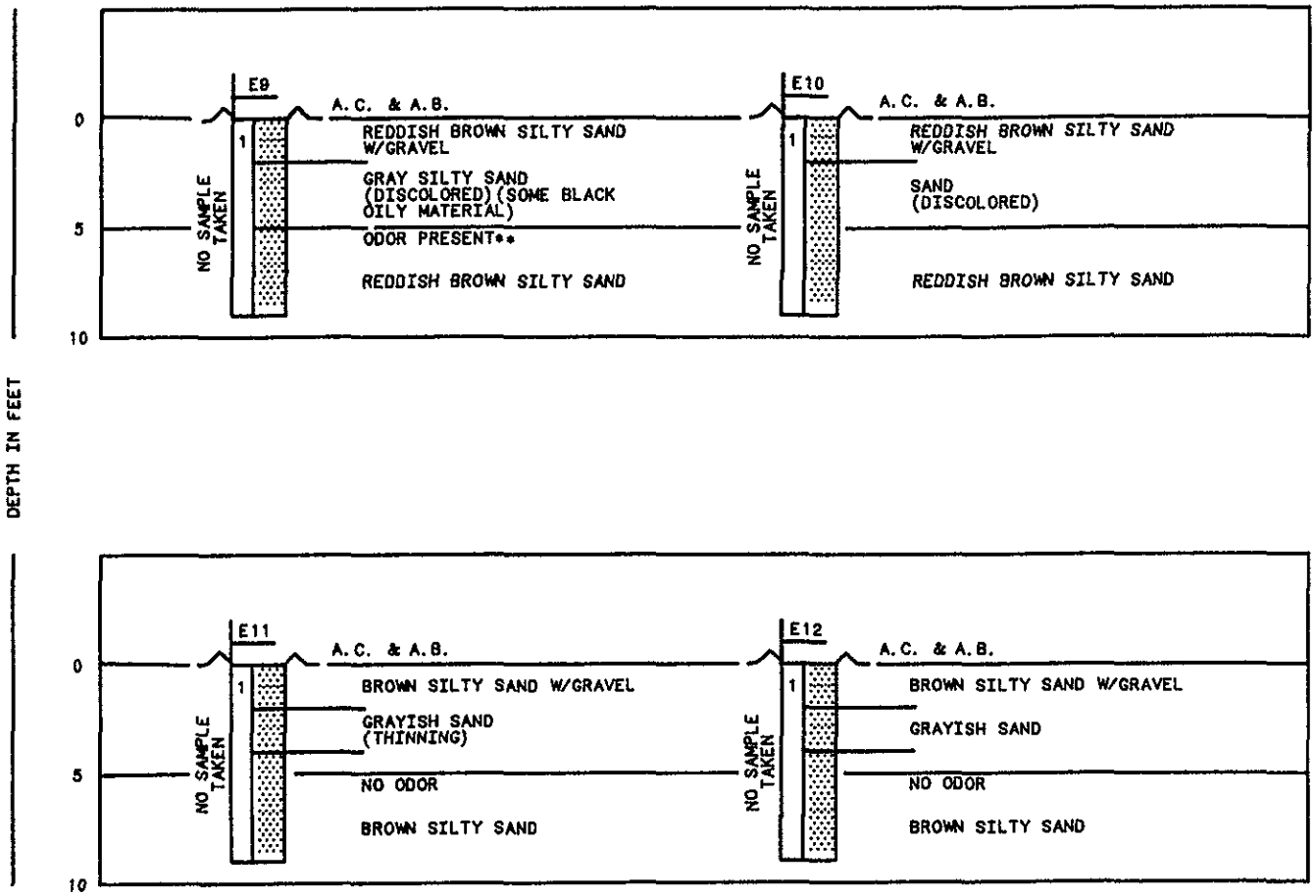
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES -- ENGINEERING LABORATORIES
3235 SUNRISE BLVD., SUITE 5 -- RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 5



** NON-DETECTABLE READING HOWEVER, DETECTED BY SENSE OF SMELL

SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as resonably accurate.

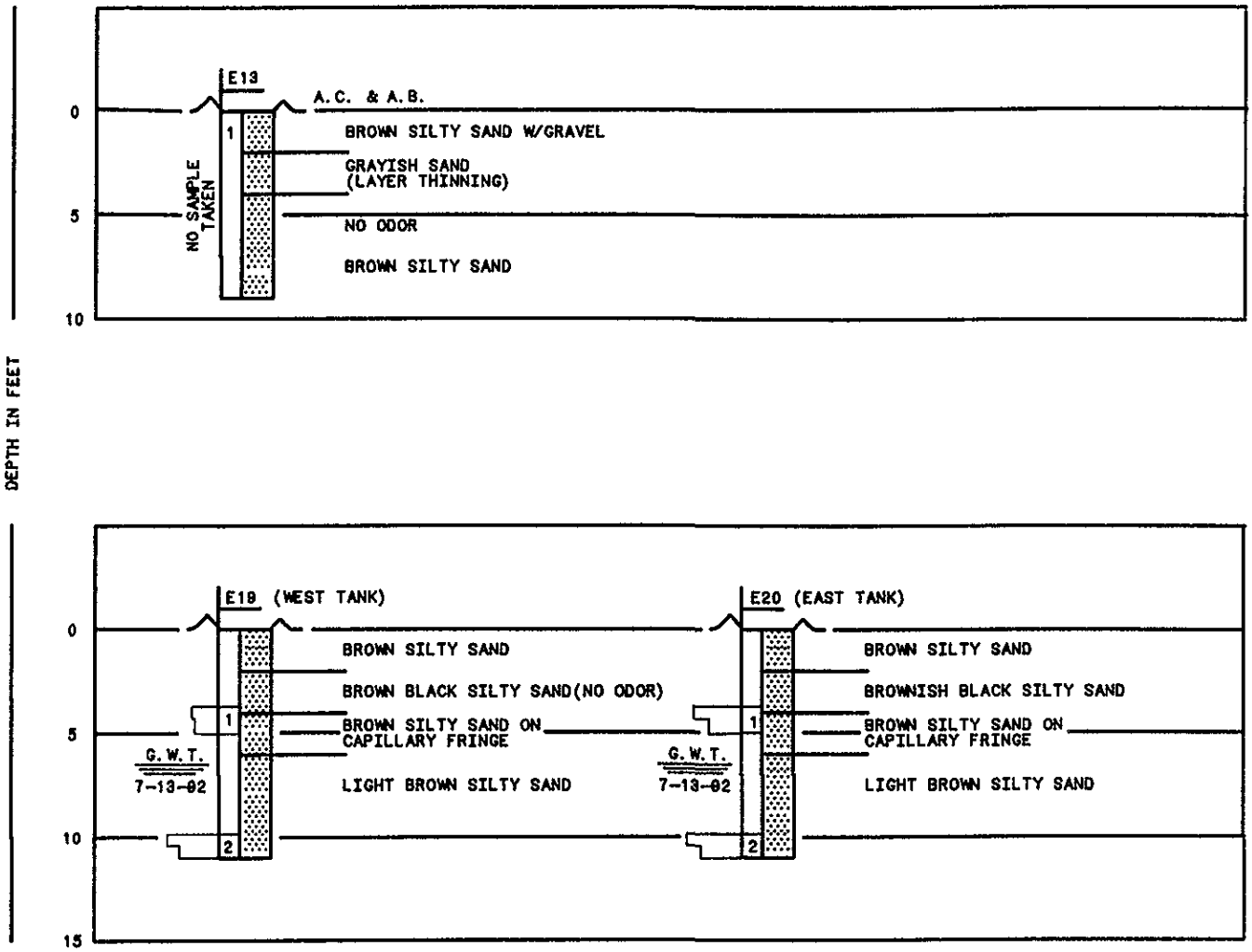
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES
3235 SUNRISE BLVD., SUITE 5 - RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 6



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as resonably accurate.

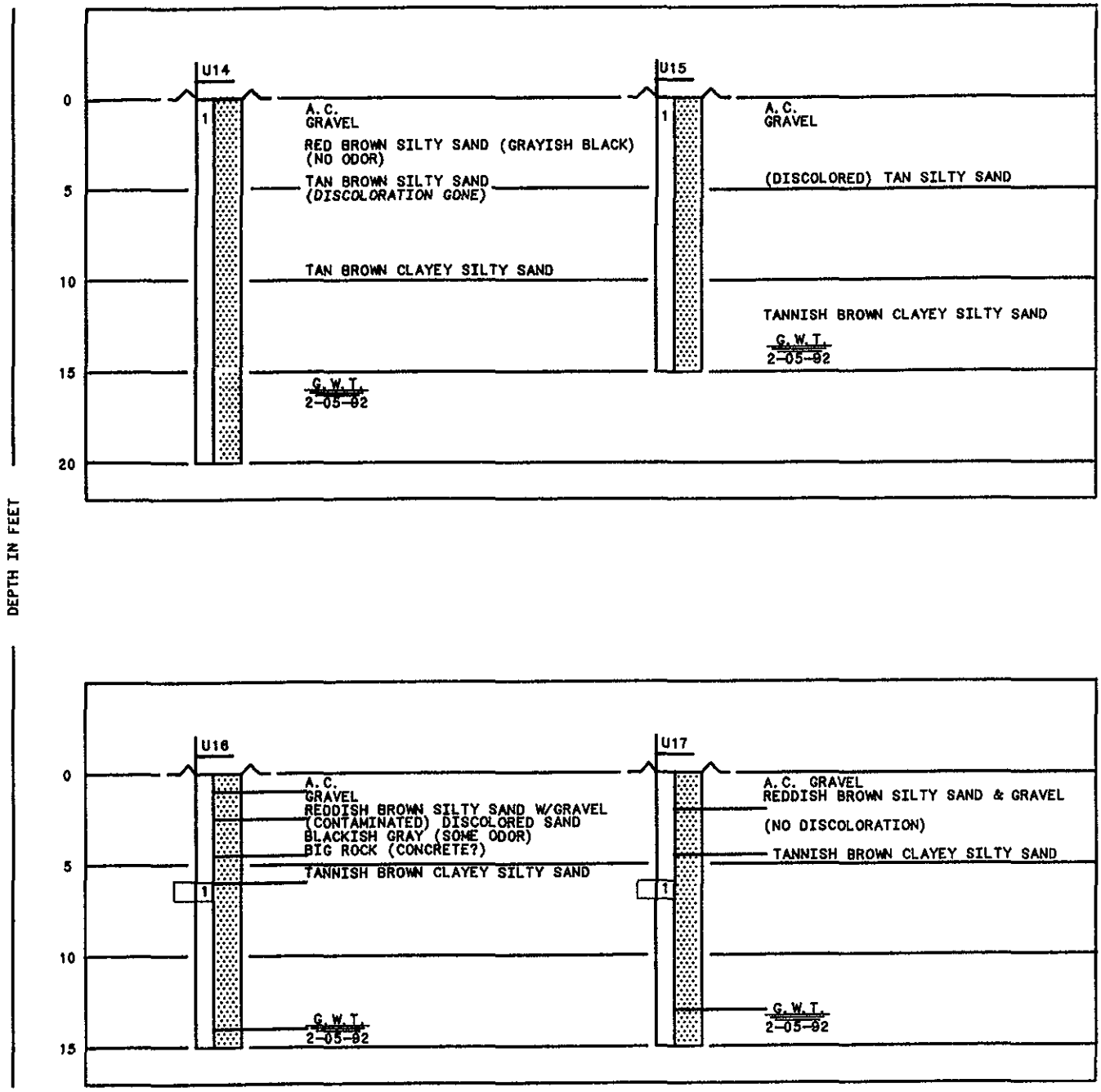
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES – ENGINEERING LABORATORIES
3235 SUNRISE BLVD., SUITE 5 – RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 7



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as reasonably accurate.

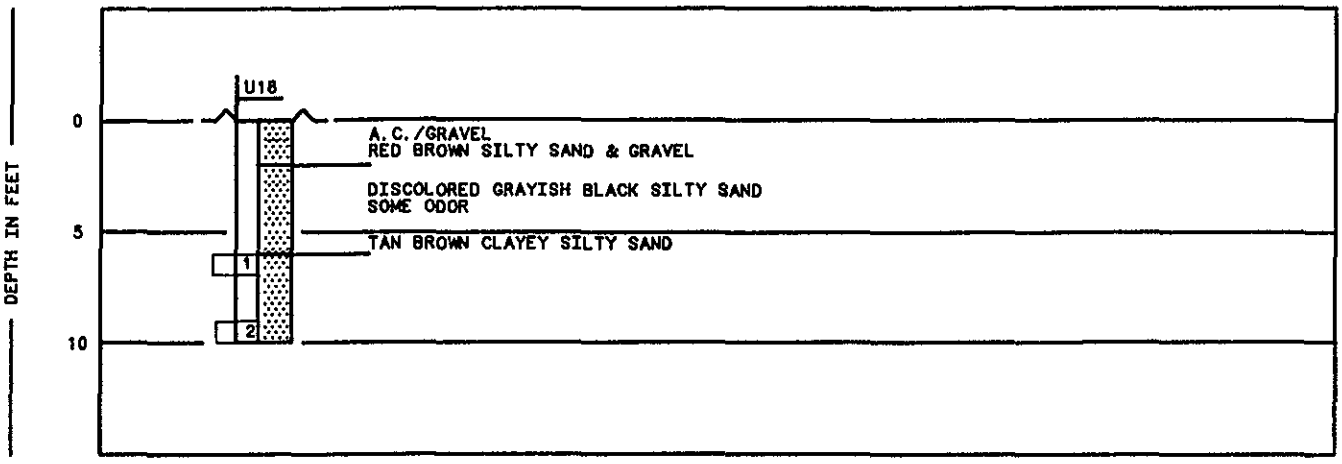
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES – ENGINEERING LABORATORIES
3235 SUNRISE BLVD., SUITE 5 – RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 8



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as resonably accurate.

CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

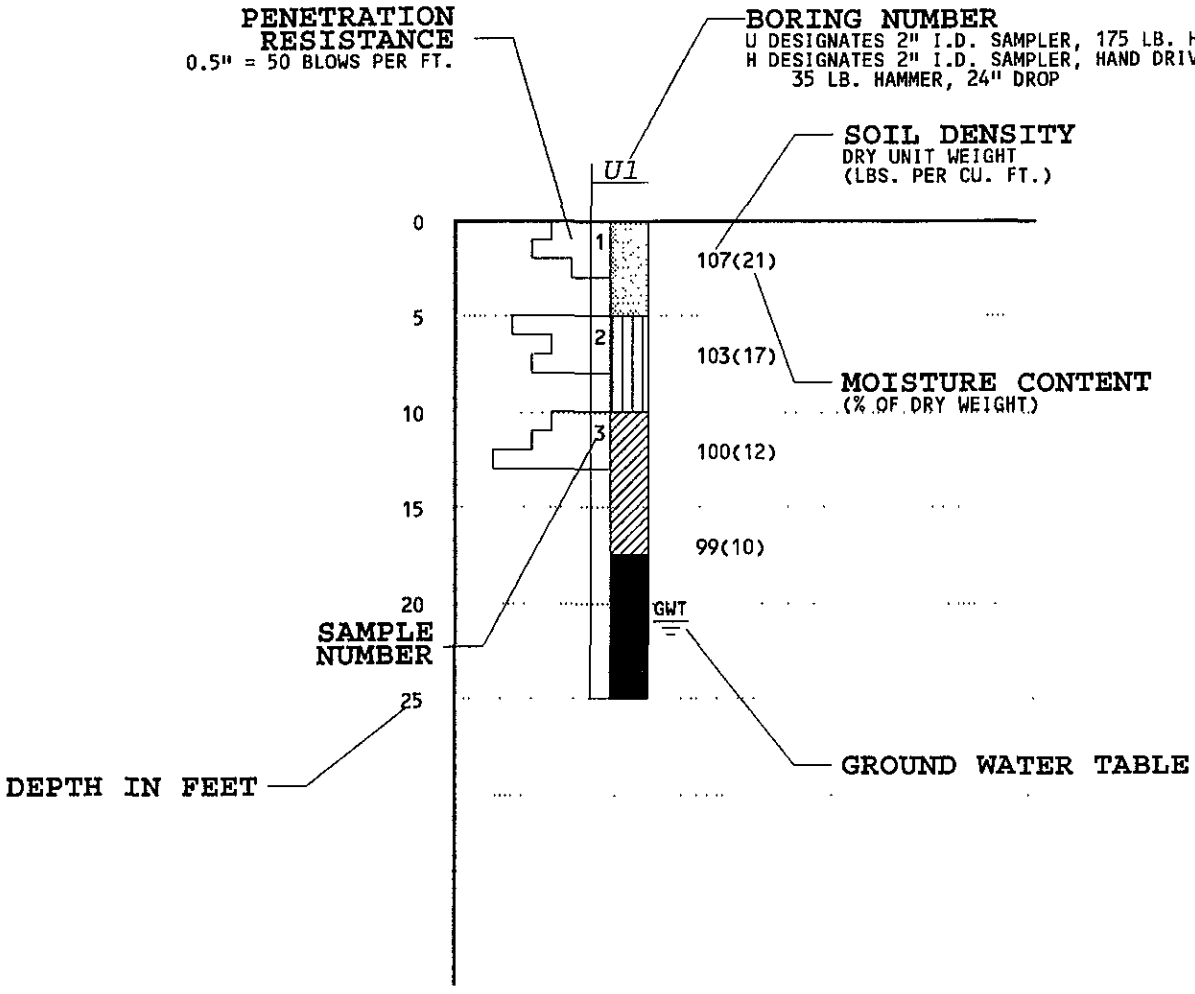
SOIL PROFILE

LRA ENGINEERING
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES
3238 SUNRISE BLVD., SUITE 5 ~ RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 9

SOIL PROFILE LEGEND



CLASSIFICATION OF SYMBOLS:

SANDS, GRAVELLY SANDS

INORGANIC SILTS

INORGANIC CLAYS

ORGANIC MATERIAL AND DEBRIS

CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

KEY TO BORING LOGS PAGE 1

LRA ENGINEERING, INC.
3235 SUNRISE BLVD. SUITE 5
RANCHO CORDOVA, CALIFORNIA

DATE: 22 NOV. 96
DRWG. NO.: E9170-10
RCE NO.: 15555

PLATE NUMBER 10

PRIMARY DIVISIONS			GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES)	GW	Well graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
		GRAVEL WITH FINES	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines.
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures, non-plastic fines.
			SC	Clayey sands, sand-clay mixtures, plastic fines.
FINE GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50%		ML	Inorganic silty and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silty.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

DEFINITION OF TERMS

	U.S. STANDARD SERIES SIEVE				CLEAR SQUARE SIEVE OPENINGS			
	200	40	10	4	3/4"	3"	12"	
SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS	
	FINE	MEDIUM	COARSE	FINE	COARSE			

GRAIN SIZES

RELATIVE DENSITY

SANDS AND GRAVELS	BLOWS/FOOT[§]
VERY LOOSE	0 - 5
LOOSE	5 - 13
MEDIUM DENSE	13 - 40
DENSE	40 - 67
VERY DENSE	OVER 67

CONSISTENCY

SILTS AND CLAYS	STRENGTH[¤]	BLOWS/FOOT[§]
VERY SOFT	0 - 1/4	0 - 3
SOFT	1/4 - 1/2	3 - 5
FIRM	1/2 - 1	5 - 11
STIFF	1 - 2	11 - 21
VERY STIFF	2 - 4	21 - 43
HARD	OVER 4	OVER 43

[§]Number of blows of 175 pound hammer falling 24 inches to drive a 2.5 inch O.D. (2 inch I.D.) split spoon (ASTM D-1586).

[¤]Unconfined compressive strenght in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane, or visual observation.

Unified Soil Classification System (ASTM D-2487)

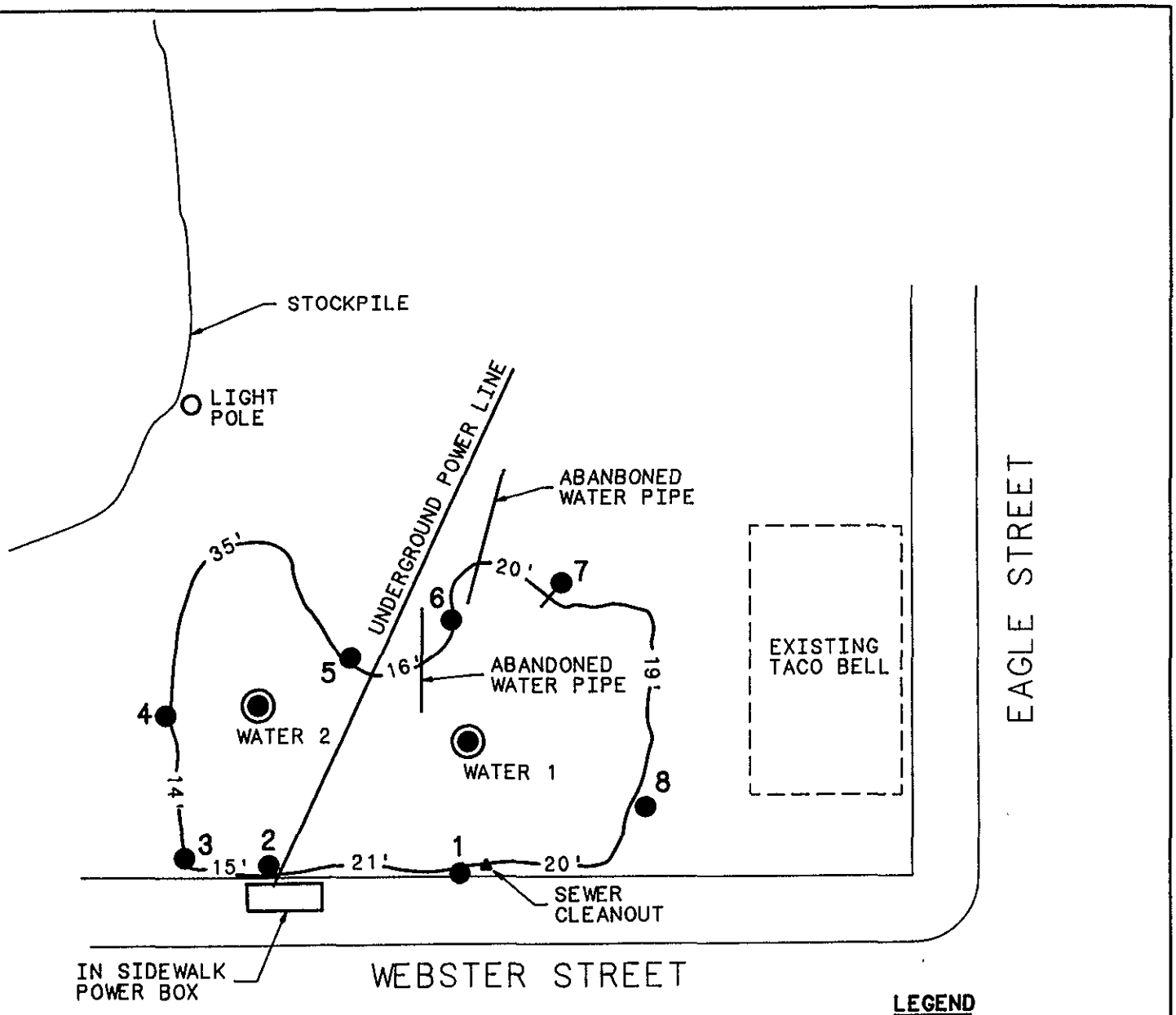
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

KEY TO BORING LOGS PAGE 2

LRA ENGINEERING, INC.
3235 SUNRISE BLVD. SUITE 5
RANCHO CORDOVA, CALIFORNIA

DATE: 22 NOV. 96
DRWG. NO.: E9170-11
RCE NO.: 15555

PLATE NUMBER 11



LEGEND

● SOIL SAMPLING SITES IN EXCAVATION SIDEWALLS JUNE 3, 1992

SAMPLED AT 10:00 A.M. UNDER DIRECTION OF ACEH DEPT. EVA CHU. TOOK 8 SAMPLES OF SOIL AND 2 OF WATER.

NOT TO SCALE

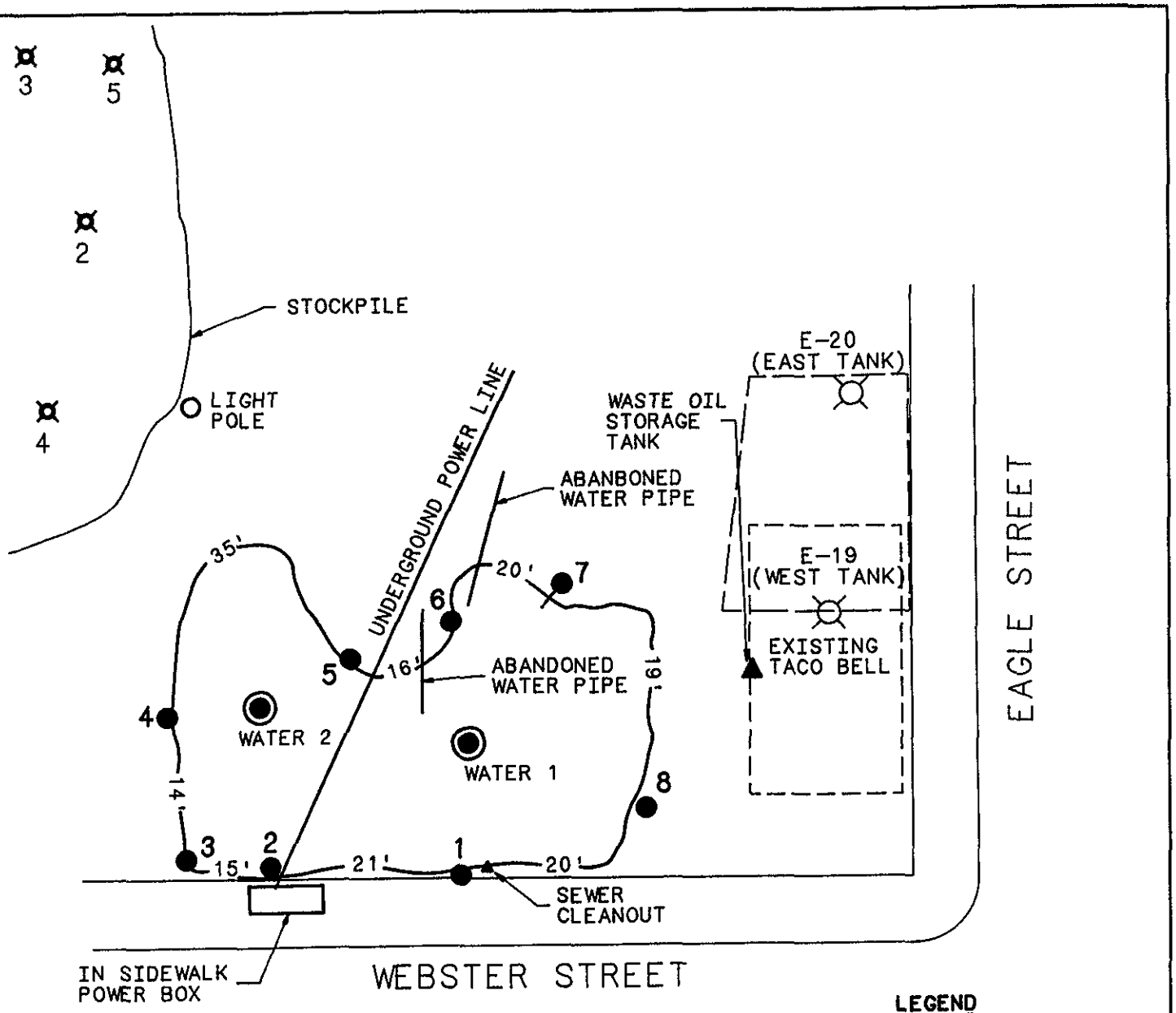
CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

LOCATION MAP – EXCAVATION

LRA ENGINEERING
GEOTECHNICAL SERVICES – ENGINEERING LABORATORIES
3285 SUNRISE BLVD., SUITE 5 – RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E8170

PLATE NUMBER 12



LEGEND

- ● SOIL SAMPLING SITES IN EXCAVATION SIDEWALLS JUNE 3, 1992
- ✕ STOCKPILE SAMPLING SITES JUNE 15, 1992
- ✕ SOIL SAMPLED IN POSSIBLE TANK FIELD 7-13-92
- ▲ WASTE OIL STORAGE TANK. SOIL SAMPLED 7-13-92

SAMPLED AT 10:00 A.M. UNDER DIRECTION OF ACEH DEPT. EVA CHU. TOOK 8 SAMPLES OF SOIL AND 2 OF WATER.

N

NOT TO SCALE

CLOSURE REPORT
TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

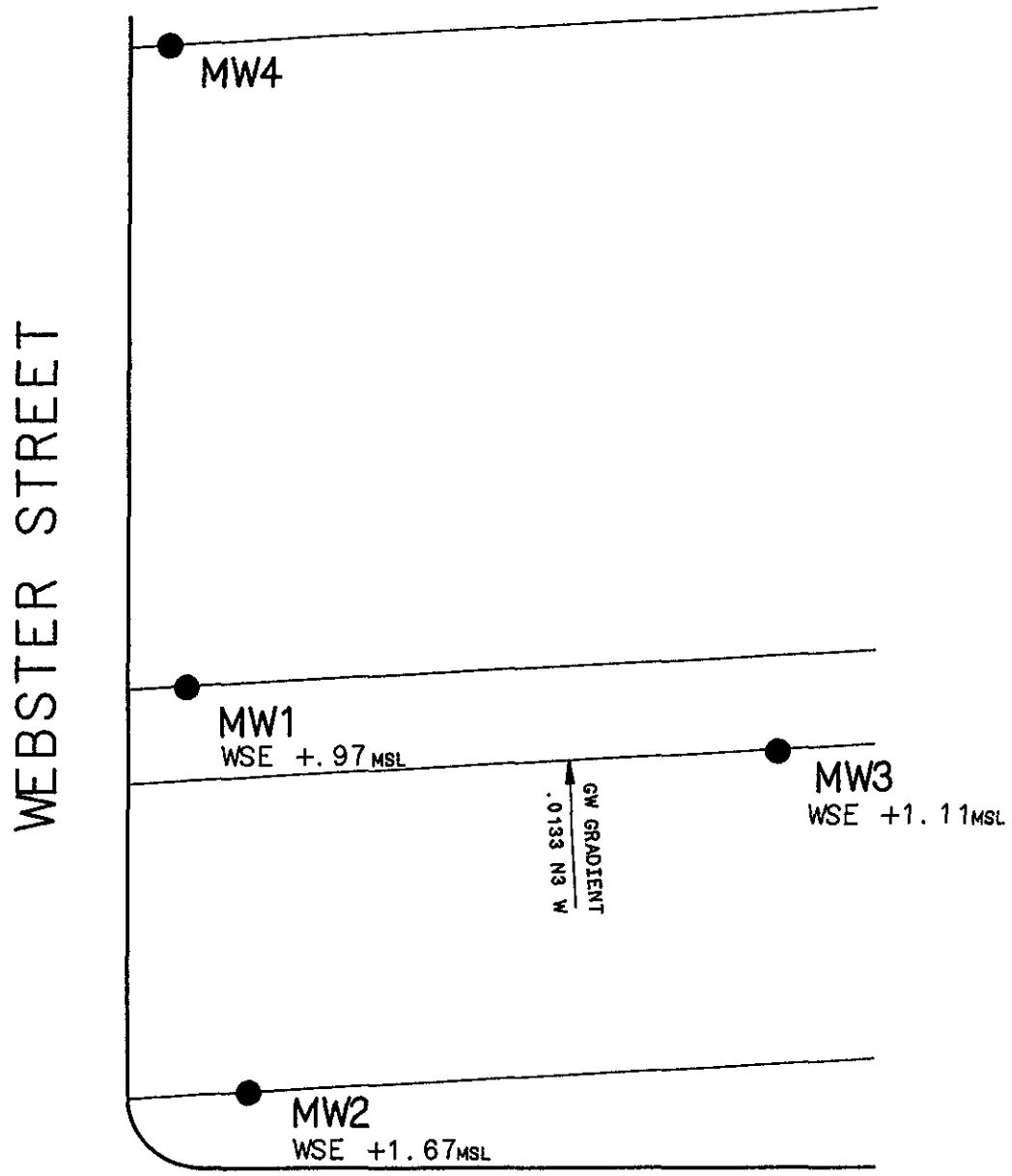
LOCATION MAP - STOCKPILE

LRA ENGINEERING
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES
9295 SUNRISE BLVD., SUITE 5 - RANCHO CORDOVA, CA

DATE 22 NOV. 96
DRWG. NO. E9170

PLATE NUMBER 13

4 JANUARY 1993



N

WSE = WATER SURFACE ELEVATION

MSL = MEAN SEA LEVEL

NOT TO SCALE

TACO BELL ALAMEDA

1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

GROUNDWATER GRADIENT MAP

LRA ENVIRONMENTAL

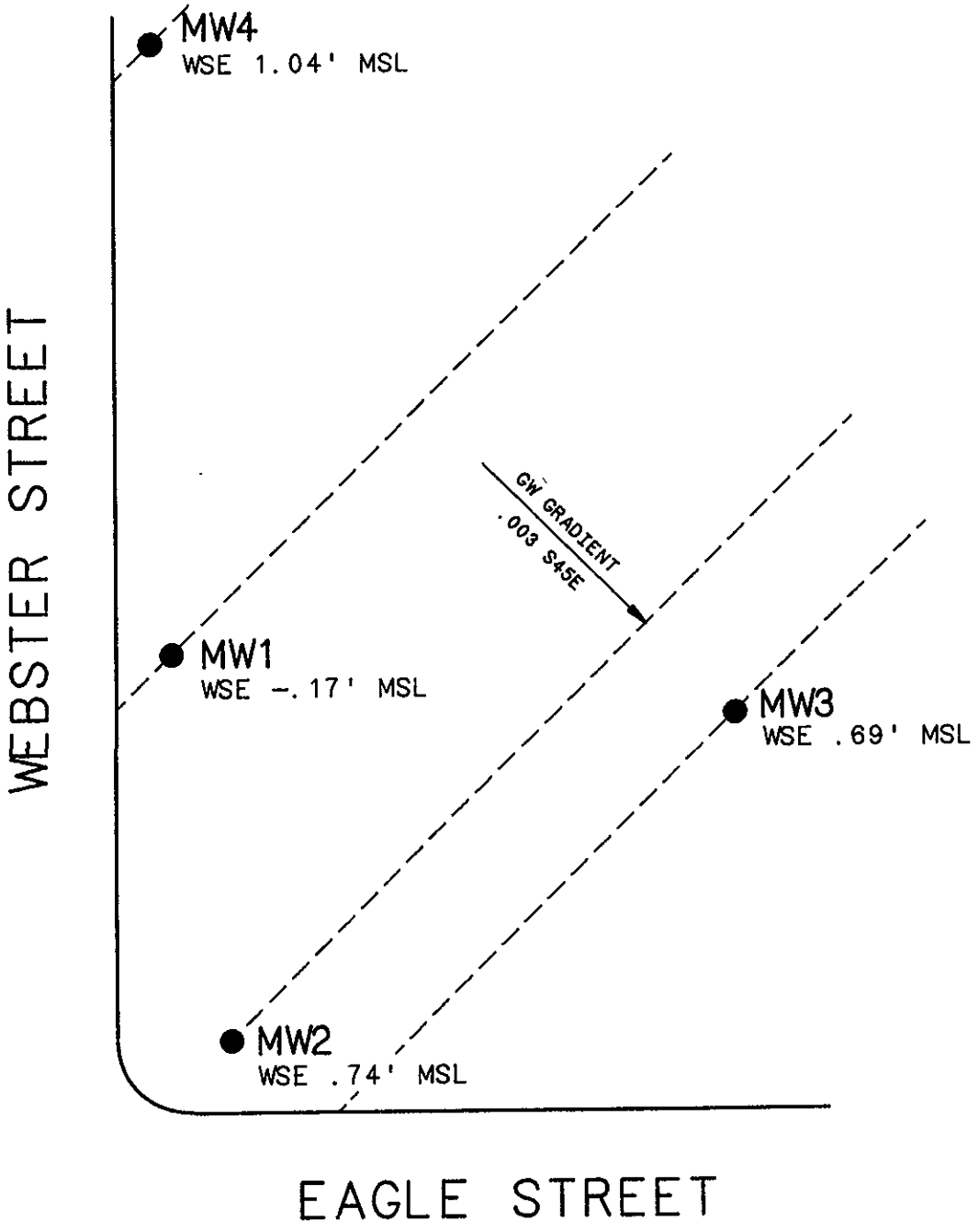
3235 SUNRISE BLVD, STE 5
RANCHO CORDOVA CA 95742

DATE 22 NOV. 96

DRWG. NO. E9170

PLATE NUMBER 15

1 SEPTEMBER, 1993



N

WSE = WATER SURFACE ELEVATION

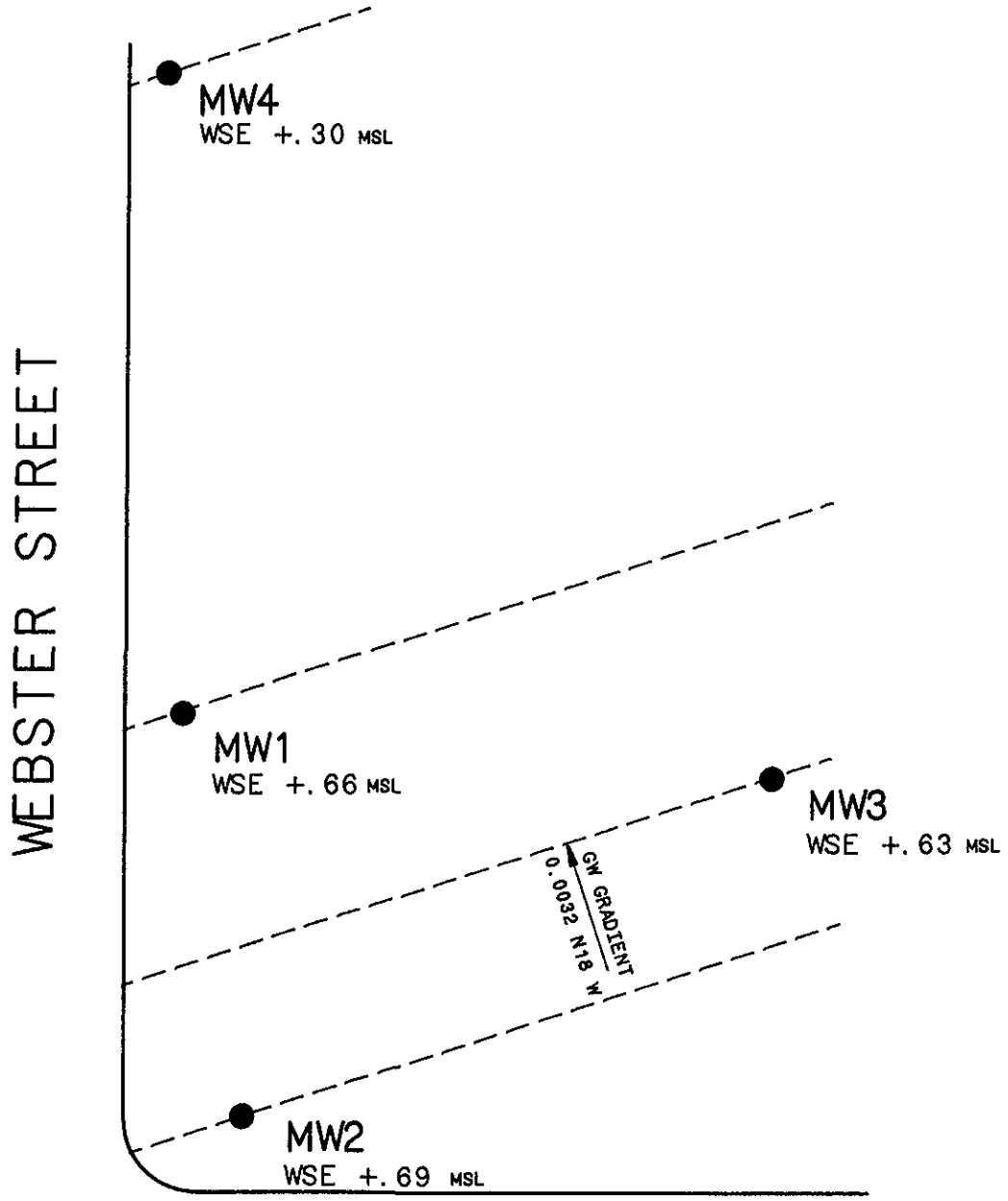
MSL = MEAN SEA LEVEL

NOT TO SCALE

TACO BELL ALAMEDA
1900 WEBSTER STREET ALAMEDA, CALIFORNIA
GROUNDWATER GRADIENT MAP
LRA ENVIRONMENTAL 3235 SUNRISE BLVD, STE 5 RANCHO CORDOVA CA 95742
DATE 22 NOV. 96 DRWG. NO. E9170

PLATE NUMBER 16

6 DECEMBER 1993



N

NOT TO SCALE

WSE = WATER SURFACE ELEVATION

MSL = MEAN SEA LEVEL

TACO BELL ALAMEDA

1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

GROUNDWATER GRADIENT MAP

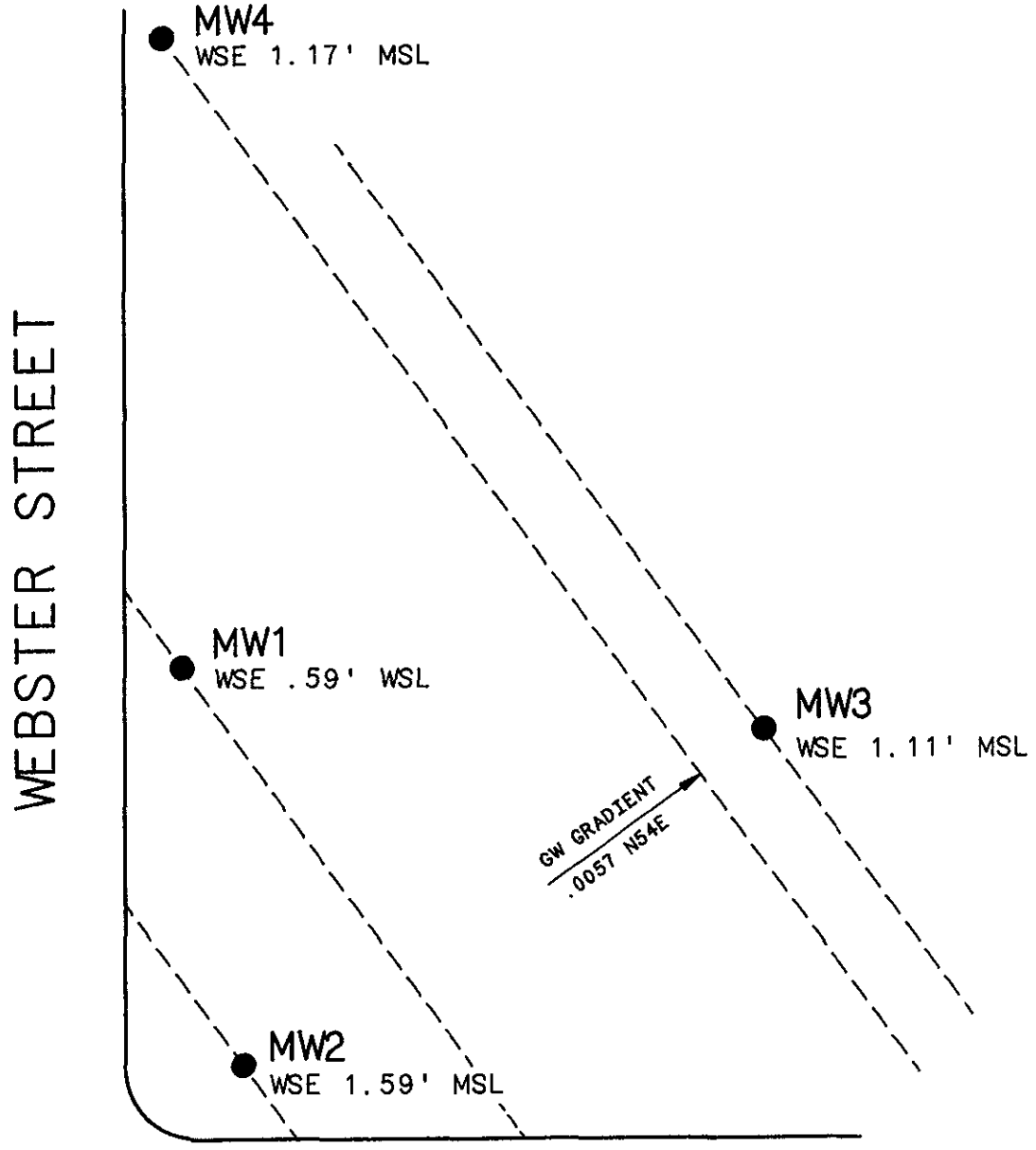
LRA ENVIRONMENTAL
3235 SUNRISE BLVD, STE 5
RANCHO CORDOVA CA 95742

DATE 22 NOV. 96

DRWG. NO. E9170

PLATE NUMBER 17

14 APRIL 1995



N

NOT TO SCALE

WSE = WATER SURFACE ELEVATION

MSL = MEAN SEA LEVEL

TACO BELL ALAMEDA

1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

GROUNDWATER GRADIENT MAP

LRA ENVIRONMENTAL

3235 SUNRISE BLVD, STE 5
RANCHO CORDOVA CA 95742

DATE 22 NOV. 96

DRWG. NO. E9170

PLATE NUMBER 18

APPENDIX B

- CUMULATIVE PURGE WATER STABILIZATION PARAMETERS

Taco Bell Alameda CUMULATIVE PURGE WATER STABILIZATION PARAMETERS

Monitoring Well	Casing Size	Date	Run Number	Depth	Water Depth	FT. of Wetted Casing	Gallons Pumped*	Temperature (Degrees Celsius)	Salinity	E C ** (umhos)	pH
MW1	4"	4 January 93	-----	18.50	3.30	15 20	10.0	22	1	1500	7.07
MW2	4"	4 January 93	-----	17.40	3.10	14.30	10.0	21	1.5	2000	6.52
MW3	4"	4 January 93	-----	17.72	3.10	14.62	10.0	22	1	1100	6.89
MW4	4"	19 January 93	-----	18.59	1.47	17.12	11 1	21	0.9	1200	7.05

Monitoring Well	Casing Size	Date	Run Number	Depth	Water Depth	FT. of Wetted Casing	Gallons Pumped*	Temperature (Degrees Celsius)	Salinity	E. C.** (umhos)	pH
MW1	4"	1 September 93	1	18.43	4.44	13.99	9.1	22	1	1200	6 26
		1 September 93	2	18.43	4.44	13.99	9.1	22	1	1200	6.27
		1 September 93	3	18.43	4.44	13.99	9.1	21	1	1100	6.35
		1 September 93	4	18.43	4.44	13.99	9.1	21	-1	1000	6.28
		1 September 93	5	18.43	4.44	13.99	9.1	21	-1	1000	6.31
MW2	4"	1 September 93	1	17.71	4.03	13.68	9.1	24	1	1700	6.45
		1 September 93	2	17.71	4.03	13.68	9.1	24	1	1600	6.46
		1 September 93	3	17 71	4.03	13.68	9 1	23	1	1400	6.61
		1 September 93	4	17.71	4.03	13.68	9.1	23	-1	1500	6.64
		1 September 93	5	17.71	4.03	13.68	9.1	23	1	1500	6.62
MW3	4"	1 September 93	1	17.40	3 52	13.88	9.1	23	1	1300	6 34
		1 September 93	2	17.40	3.52	13.88	9.1	17	1	1300	6.36
		1 September 93	3	17.40	3.52	13.88	9.1	17	1	1300	6.40
		1 September 93	4	17.40	3.52	13.88	9.1	18	1	1200	6.41
		1 September 93	5	17.40	3.52	13.88	9.1	18	1	1100	6.61
MW4	4"	1 September 93	1	18.5	3.61	14.89	9 8	24	3	1900	6.30
		1 September 93	2	18.5	3.61	14.89	9 8	22	2	17.50	6.10
		1 September 93	3	18.5	3.61	14.89	9 8	22	2	16.00	6.24
		1 September 93	4	18.5	3.61	14.89	9.8	22	1	12.50	6 41
		1 September 93	5	18.5	3.61	14.89	9.8	18	1	12.50	6 40

Monitoring Well	Casing Size	Date	Run Number	Depth	Water Depth	FT. of Wetted Casing	Gallons Pumped*	Temperature (Degrees Celsius)	Salinity	E. C.** (umhos)	pH
MW1	4"	6 December 93	1	17.69	3.61	14.08	9.1	21	0	650	6.50
		6 December 93	2	17.69	3.61	14.08	9.1	22	0	650	6.50
		6 December 93	3	17.69	3.61	14.08	9.1	22	0	645	6.86
		6 December 93	4	17.69	3.61	14.08	9 1	22	0	645	6.84
		6 December 93	5	17.69	3.61	14.08	9 1	22	0	645	6.85
MW2	4"	6 December 93	1	17.74	4 08	13.66	9 0	20	0	600	6.30
		6 December 93	2	17.74	4 08	13.66	9.0	20	0	610	6.33
		6 December 93	3	17 74	4.08	13.66	9.0	21	0	610	6.54
		6 December 93	4	17.74	4.08	13.66	9.0	21	0	610	6 55
		6 December 93	5	17.74	4.08	13.66	9.0	21	0	610	6.56
MW3	4"	6 December 93	1	18.48	3.58	14.9	10.0	20	0	6.40	6.68
		6 December 93	2	18.48	3.58	14.9	10.0	21	0	6.40	6.69
		6 December 93	3	18.48	3.58	14 9	10.0	21	0	6.25	6.52
		6 December 93	4	18.48	3.58	14.9	10.0	21	0	6 20	6 53
		6 December 93	5	18.48	3 58	14.9	10.0	21	0	6 20	6.53
MW4	4"	6 December 93	1	18 58	4.35	14.23	9.5	19	0	5.20	6.50
		6 December 93	2	18.58	4.35	14.23	9.5	20	0	5.25	6 55
		6 December 93	3	18.58	4.35	14 23	9.5	20	0	5.10	6.53
		6 December 93	4	18.58	4.35	14.23	9 5	20	0	5.10	6.58
		6 December 93	5	18.58	4.35	14 23	9.5	20	0	5.10	6.58

Taco Bell Alameda CUMULATIVE PURGE WATER STABILIZATION PARAMETERS cont.

Monitoring Well	Casing Size	Date	Run Number	Depth	Water Depth	FT. of Wetted Casing	Gallons Pumped*	Temperature (Degrees Celsius)	Salinity	E. C.** (umhos)	pH
MW1	4"	14 April 95	1	17.78	3.68	14.1	9.5	20	0	610	
		14 April 95	2	17.78	3.68	14.1	9.5	20	0	620	
		14 April 95	3	17.78	3.68	14.1	9.5	20	0	621	
		14 April 95	4	17.78	3.68	14.1	9.5	20	0	621	
		14 April 95	5	17.78	3.68	14.1	9.5	20	0	621	
		14 April 95	6	17.78	3.68	14.1	9.5	20	0	630	
		14 April 95	7	17.78	3.68	14.1	9.5	20	0	630	
		14 April 95	8	17.78	3.68	14.1	9.5	20	0	625	
MW2	4"	14 April 95	1	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	2	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	3	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	4	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	5	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	6	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	7	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	8	17.71	3.18	14.53	10.0	21	0	590	
MW3	4"	14 April 95	1	18.46	3.1	15.36	10.0	21	1	650	
		14 April 95	2	18.46	3.1	15.36	10.0	21	0.5	660	
		14 April 95	3	18.46	3.1	15.36	10.0	21	0.5	540	
		14 April 95	4	18.46	3.1	15.36	10.0	21	0	525	
		14 April 95	5	18.46	3.1	15.36	10.0	21	0	525	
		14 April 95	6	18.46	3.1	15.36	10.0	21	0	520	
		14 April 95	7	18.46	3.1	15.36	10.0	21	0	520	
		14 April 95	8	18.46	3.1	15.36	10.0	21	0	510	
MW4	4"	14 April 95	1	18.60	3.48	15.12	10.0	22	0	590	
		14 April 95	2	18.60	3.48	15.12	10.0	22	0	580	
		14 April 95	3	18.60	3.48	15.12	10.0	22	0	600	
		14 April 95	4	18.60	3.48	15.12	10.0	21	0	610	
		14 April 95	5	18.60	3.48	15.12	10.0	21	0	610	
		14 April 95	6	18.60	3.48	15.12	10.0	21	0	610	
		14 April 95	7	18.60	3.48	15.12	10.0	21	0	610	
		14 April 95	8	18.60	3.48	15.12	10.0	21	0	610	

* Water
** Electric Conductivity

APPENDIX C

- Underground Storage Tank Unauthorized Release/ Contamination Site Report
- Well Completion Reports and Permit
- 17 March 1994 Alameda Department of Environmental Health Correspondence

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

EMERGENCY ☐ YES ☒ NO

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

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.

SIGNED _____ DATE _____

REPORT DATE: 01/05/91 | CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: DAN MUNDY | PHONE: (510) 887-7260 | SIGNATURE: Dan Mundy
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ | COMPANY OR AGENCY NAME: DOLAN FOSTER ENTERPRISES
ADDRESS: 25546 STREET SEABOARD LANE CITY HAYWARD STATE CA ZIP 94545

RESPONSIBLE PARTY
NAME: DOLAN FOSTER ENTERPRISES ☐ UNKNOWN | CONTACT PERSON: DAN MUNDY | PHONE: (510) 887-7260
ADDRESS: 25546 STREET SEABOARD LANE CITY HAYWARD STATE CA ZIP 94545

SITE LOCATION
FACILITY NAME (IF APPLICABLE): TACO BELL | OPERATOR: DOLAN FOSTER ENTERPRISES | PHONE: (510) 887-7260
ADDRESS: 1900 STREET WEBSTER ST. CITY ALAMEDA COUNTY ALAMEDA ZIP 94501
CROSS STREET: EAGLE AVE

IMPLEMENTING AGENCIES
LOCAL AGENCY: ALAMEDA COUNTY HEALTH DEPT | CONTACT PERSON: THOMAS PEACOCK | PHONE: (510) 271-4320
REGIONAL BOARD: | PHONE: ( )

SUBSTANCES INVOLVED
(1) NAME: GASOLINE | QUANTITY LOST (GALLONS): ☒ UNKNOWN
(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 01/09/91 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☐ OTHER GEOTECHNICAL INVESTIGATION
DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED ? ☐ YES ☐ NO IF YES, DATE
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER _____

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

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

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

COMMENTS

HSC 05 (8/90)

Page ___ of ___

Refer to Instruction Pamphlet

Owner's Well No. MW-1 No.

Date Work Began 8-13-92 Ended 8-14-92

Local Permit Agency ZONE 7 WATER RESOURCES MANAGEMENT

Permit No. 92387 Permit Date 8-12-92

STATE WELL NO./STATION NO

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0 : 20	LIGHT BROWN CLAYEY SILTY FINE-MED. SAND.
	(GWT AT APPROXIMATELY 6'.)

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 18 (Feet)

WELL OWNER

Name DOLAN FOSTER ENTERPRISES

Mailing Address 55546 SEABOARD LANE

HAYWARD CA 94545
CITY STATE ZIP

WELL LOCATION

Address 1900 WEBSTER STREET

City ALAMEDA

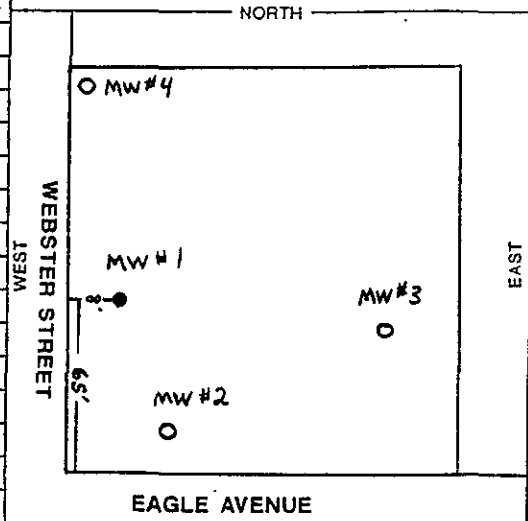
County ALAMEDA

APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 : 46 : 27 NORTH Longitude 122 : 16 : 31 WEST
DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)

✓ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD HOLLOW STEM AUGER FLUID N/A

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 : 3	10"	✓				PVC	4"	40	—
3 : 18	"		✓			PVC	4"	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 : 3	✓			
3 : 5		✓		
5 : 18			✓	12/220 SAND

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT NICHOLSON
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

3235 SUNRISE BLVD RANCHO CORDOVA CA 95742
ADDRESS CITY STATE ZIP

Signed Robert Nicholson 8-19-92 620700
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Page ___ of ___

Refer to Instruction Pamphlet

Owner's Well No. MW-2 No.

Date Work Began 8-13-92 , Ended 8-14-92

Local Permit Agency ZONE 7 WATER RESOURCES MANAGEMENT

Permit No. 92387 Permit Date 8-12-92

STATE WELL NO./STATION NO

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	20	LIGHT BROWN CLAYEY SILTY FINE-MED. SAND.
		(GWT AT APPROXIMATELY 6'.)

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 18 (Feet)

WELL OWNER

Name DOLAN FOSTER ENTERPRISES

Mailing Address 55546 SEABOARD LANE

HAYWARD CA 94545

CITY STATE ZIP

WELL LOCATION

Address 1900 WEBSTER STREET

City ALAMEDA

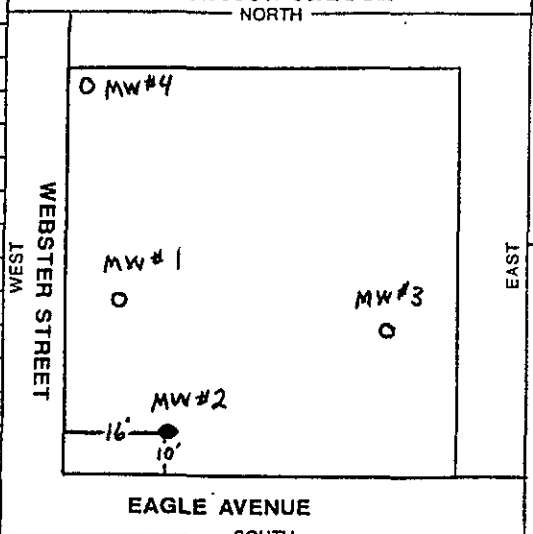
County ALAMEDA

APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 DEG. 46 MIN. 27 SEC. NORTH Longitude 122 DEG. 16 MIN. 31 SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)

✓ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD HOLLOW STEM AUGER FLUID N/A

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	3	10"	✓				PVC	4"	40	—
3	18	"		✓			PVC	4"	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	3	✓			
3	5		✓		
5	18			✓	12/220 SAND

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT NICHOLSON (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 3235 SUNRISE BLVD CITY RANCHO CORDOVA STATE CA ZIP 95742

Signed Robert Nicholson WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED 8-19-92

C-57 LICENSE NUMBER 670700

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Page ___ of ___ Refer to Instruction Pamphlet

Owner's Well No. MW-3 No.

Date Work Began 8-13-92 Ended 8-14-92

Local Permit Agency ZONE 7 WATER RESOURCES MANAGEMENT

Permit No. 92387 Permit Date 8-12-92

STATE WELL NO / STATION NO

LATITUDE LONGITUDE

APN / TRS / OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc*
0	20	LIGHT BROWN CLAYEY SILTY FINE - MED. SAND.
		(GWT AT APPROXIMATELY 6'.

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 18 (Feet)

WELL OWNER

Name DOLAN FOSTER ENTERPRISES

Mailing Address 55546 SEABOARD LANE

HAYWARD CA 94545
CITY STATE ZIP

WELL LOCATION

Address 1900 WEBSTER STREET

City ALAMEDA

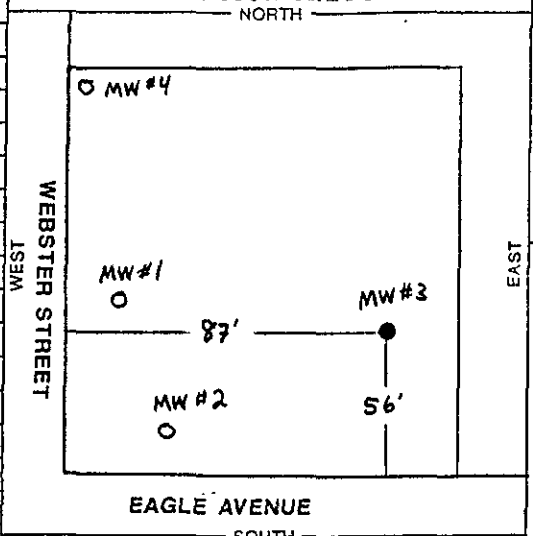
County ALAMEDA

APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 ° 46 ' 27 " NORTH Longitude 122 ° 16 ' 31 " WEST
DEG MIN SEC. DEG. MIN SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION / REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)

✓ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD HOLLOW STEM AUGER FLUID N/A

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	3	10"	✓				PVC	4"	40	—
3	18	"		✓			PVC	4"	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE / SIZE)
0	3	✓			
3	5		✓		
5	18			✓	12/220 SAND

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil / Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT NICHOLSON
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

3235 SUNRISE BLVD RANCHO CORDOVA CA 95742
ADDRESS CITY STATE ZIP

Signed Robert Nicholson 8-19-92 620700
WELL DRILLER / AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Page ___ of ___

Owner's Well No. MW-4 · No.

Date Work Began 8-13-92, Ended 8-14-92

Local Permit Agency ZONE 7 WATER RESOURCES MANAGEMENT

Permit No. 92387 Permit Date 8-12-92

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	20	LIGHT BROWN CLAYEY SILTY FINE-MED. SAND.
		(GWT AT APPROXIMATELY 6'.)

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 19 (Feet)

WELL OWNER

Name DOLAN FOSTER ENTERPRISES

Mailing Address 5546 SEABOARD LANE

HAYWARD CA 94545

CITY STATE ZIP

WELL LOCATION

Address 1900 WEBSTER STREET

City ALAMEDA

County ALAMEDA

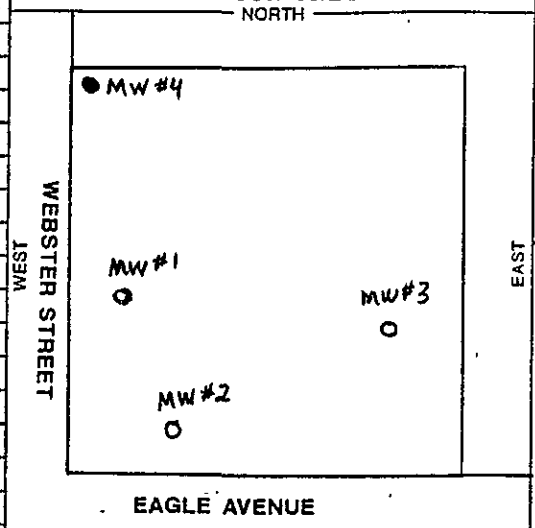
APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 : 46 : 27 NORTH Longitude 122 : 16 : 31 WEST

DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

✓ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD HOLLOW STEM AUGER FLUID N/A

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	4	10"	✓				PVC	4"	40	—
4	19	"		✓			PVC	4"	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	4	✓			
4	6		✓		
6	19			✓	12/220 SAND

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT NICHOLSON (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 3235 SUNRISE BLVD CITY RANCHO CORDOVA STATE CA ZIP 95742

Signed Robert Nicholson WELL DRILLER/AUTHORIZED REPRESENTATIVE

DATE SIGNED 8-19-92

C57 LICENSE NUMBER 620705

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE
Driller's Copy

Page ___ of ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Owner's Well No. MW-1 No. 520950

Date Work Began 10-28-96 Ended 10-28-96

Local Permit Agency Zone 7 Water Resources Management

Permit No 96599 Permit Date 9-16-96

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO /STATION NO
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft	DESCRIPTION *Describe material, grain size, color, etc*
0	20	The following procedure was employed for this report.
		1) Cleaned out all bridged materials to the bottom of the well.
		2) Pressure grout the casing to the top of the well vault.
		3) Well casing plug was reinstalled and tightened.
		4) Well vault filled with non-shrink grout to the existing ground surface.
		5) The surface was troweled flush with the finished ground surface.
		6) Grout mixture was allowed to cure at ambient temperature.

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 20 (Feet)

WELL OWNER

Name Dolan Foster Enterprises

Mailing Address 55546 Seaboard Lane

Hayward CA 94545
CITY STATE ZIP

WELL LOCATION

Address 1900 Webster St.

City Alameda

County Alameda

APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 DEG 46 MIN 27 SEC NORTH Longitude 122 DEG 16 MIN 31 SEC WEST

LOCATION SKETCH

NORTH

*See Attatched

WEST EAST

SOUTH

Illustrate or Describe Distance of Well from Landmarks, such as Roads, Buildings, Fences, Rivers, etc
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ___ FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft)

* *May not be representative of a well's long-term yield*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	3	10	X				PVC	4	40	-
3	18	10		X			PVC	4	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft	to Ft	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	3	X			
3	5		X		
5	18			X	12/220 sand

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

NAME Robert Nicholson
(PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)

11500 Sunrise Gold Circle, Suite H Rancho Cordova CA 95742
ADDRESS CITY STATE ZIP

Signed ___ DATE SIGNED ___ C.S.T. LICENSE NUMBER ___
WELL DRILLER AUTHORIZED REPRESENTATIVE

IF ADDITIONAL SPACE IS NEEDED USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE
Driller's Copy

Page ___ of ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 520951

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO /STATION NO
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-2
Date Work Began 10-28-96 Ended 10-28-96
Local Permit Agency Zone 7 Water Resources Management
Permit No. 96599 Permit Date 9-16-96

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to	Ft	DESCRIPTION *Describe material, grain size, color, etc.*
0	:	20	The following procedure was employed for this report.
			1) Cleaned out all bridged materials to the bottom of the well.
			2) Pressure grout the casing to the top of the well vault.
			3) Well casing plug was reinstalled and tightened.
			4) Well vault filled with non-shrink grout to the existing groun surface.
			5) The surface was troweled flush with the finished groundsurface.
			6) Grout mixture was allowed to cure at ambient temperature.

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 18 (Feet)

WELL OWNER

Name Dolan Foster Enterprises
Mailing Address 55546 Seaboard Lane
CITY Hayward STATE CA ZIP 94545

WELL LOCATION

Address 1900 Webster St.
City Alameda
County Alameda
APN Book 73 Page 426 Parcel 12
or Township ___ Range ___ Section ___
or Latitude 37 DEG. 46 MIN. 27 SEC. NORTH Longitude 122 DEG. 16 MIN. 31 SEC. WEST

LOCATION SKETCH

NORTH
*See Attatched
WEST EAST
SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
___ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD ___ FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs) TOTAL DRAWDOWN ___ (Ft)
* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to	Ft	BORE-HOLE DIA (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	:	3	10	X				PVC	4	40	-
3	:	18	10		X			PVC	4	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft	to	Ft	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	:	3	X			
3	:	5		X		
5	:	18			X	12/220 sand

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

NAME Robert Nicholson (PERSON FIRM OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 11500 Sunrise Gold Circle, Suite H CITY Rancho Cordova STATE CA ZIP 95742

Signed ___ (WELL DRILLER AUTHORIZED REPRESENTATIVE) DATE SIGNED ___ C-57 LICENSE NUMBER ___

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE
Driller's Copy

Page ___ of ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 520952

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-3
Date Work Began 10-28-96 Ended 10-28-96
Local Permit Agency Zone 7 Water Resources Management
Permit No. 96599 Permit Date 9-16-96

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft) BELOW SURFACE

DEPTH FROM SURFACE Ft	to Ft	DESCRIPTION *Describe material, grain size, color, etc.*
0	20	The following procedure was employed for this report.
		1) Cleaned out all bridged materials to the bottom of the well.
		2) Pressure grout the casing to the top of the well vault.
		3) Well casing plug was reinstalled and tightened.
		4) Well vault filled with non-shrink grout to the existing ground surface.
		5) The surface was troweled flush with the finished groundsurface.
		6) Grout mixture was allowed to cure at ambient temperature.

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 18 (Feet)

WELL OWNER

Name Dolan Foster Enterprises
Mailing Address 55546 Seaboard Lane
Hayward CA 94545
CITY STATE ZIP

WELL LOCATION

Address 1900 Webster St.
City Alameda
County Alameda
APN Book 73 Page 406 Parcel 12
or Township ___ Range ___ Section ___
or Latitude 37 DEG 46 MIN 27 SEC NORTH Longitude 122 DEG 16 MIN 31 SEC WEST

LOCATION SKETCH

NORTH
*See Attatched
WEST EAST
SOUTH
Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers etc PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
___ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD ___ FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft) & DATE MEASURED ___
ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft)
* *May not be representative of a well's long-term yield*

CASING(S)

DEPTH FROM SURFACE Ft	to Ft	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	3	10	X				PVC	4	40	-
3	18	10		X			PVC	4	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft	to Ft	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	3	X			
3	5		X		
5	18			X	12/220 sand

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

NAME Robert Nicholson (PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)
11500 Sunrise Gold Circle, Suite H Rancho Cordova CA 95742
ADDRESS CITY STATE ZIP

Signed ___ (WELL DRILLER AUTHORIZED REPRESENTATIVE) DATE SIGNED ___ C57 LICENSE NUMBER

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE
Driller's Copy

Page ___ of ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Owner's Well No. MW-4 No. 520953

Date Work Began 10-28-96, Ended 10-28-96

Local Permit Agency Zone 7 Water Resources Management

Permit No. 96599 Permit Date 9-16-96

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft) BELOW SURFACE

DEPTH FROM SURFACE Ft	to Ft.	DESCRIPTION *Describe material, grain size, color, etc*
0	20	The following procedure was employed for this report.
		1) Cleaned out all Bridged materials to the bottom of the well.
		2) Pressure grout the casing to the top of the well vault.
		3) Well casing plug was reinstalled and tightened.
		4) Well vault filled with non-shrink grout to the existing ground surface.
		5) The surface was troweled flush with the finished ground surface.
		6) Grout mixture was allowed to cure at ambient temperature.

TOTAL DEPTH OF BORING 20 (Feet)

TOTAL DEPTH OF COMPLETED WELL 19 (Feet)

WELL OWNER

Name Dolan Foster Enterprises

Mailing Address 55546 Seaboard Lane

CITY Hayward STATE CA ZIP 94545

WELL LOCATION

Address 1900 Webster St.

City Alameda

County Alameda

APN Book 73 Page 426 Parcel 12

or Township ___ Range ___ Section ___

or Latitude 37 DEG. 46 MIN. 27 SEC. NORTH Longitude 122 DEG. 16 MIN. 31 SEC. WEST

LOCATION SKETCH

NORTH

*See Attatched

WEST EAST

SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ___ FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

** May not be representative of a well's long-term yield*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	3	10	X				PVC	4	40	-
0	188	10		X			PVC	4	40	.010

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	3	X			
3	5		X		
5	18			X	12/220 sand

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil, Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF EXISTS

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Robert Nicholson (PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)

11500 Sunrise Gold Circle, Suite H ADDRESS Rancho Cordova CITY CA STATE 95742 ZIP

Signed ___ WELL DRILLER AUTHORIZED REPRESENTATIVE DATE SIGNED ___ C57 LICENSE NUMBER ___

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE ♦ PLEASANTON, CALIFORNIA 94588 ♦ (510) 484-2600

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Taco Bell
1900 Webster Street
Alameda, California

CLIENT
Name Dolan Foster Enterprises
Address 55546 Seaboard L Phone
City Hayward, CA Zip 94545

APPLICANT
Name LRA Environmental
Address 3235 Sunrise Bl Phone 916 631-4455
City Rancho Cordova CA Zip 95742

TYPE OF PROJECT
Well Construction
Cathodic Protection ___
Water Supply ___
Monitoring X
Geotechnical Investigation
General ___
Contamination X
Well Destruction ___

PROPOSED WATER SUPPLY WELL USE
Domestic ___ Industrial ___ Other Analysis
Municipal ___ Irrigation ___ if required by A.C.E.H.D.

DRILLING METHOD:
Mud Rotary ___ Air Rotary ___ Auger X
Cable ___ Other ___

DRILLER'S LICENSE NO. C-57 #620700

WELL PROJECTS
Drill Hole Diameter 10 in. Maximum
Casing Diameter 4 in. Depth 20 ft.
Surface Seal Depth ___ ft. Number 4

GEOTECHNICAL PROJECTS
Number of Borings ___ Maximum
Hole Diameter ___ in. Depth ___ ft.

ESTIMATED STARTING DATE AM 8-12-92
ESTIMATED COMPLETION DATE PM 8-14-92

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

APPLICANT'S SIGNATURE Robert A Nicholson Date 8-10-92

FOR OFFICE USE

PERMIT NUMBER 92387
LOCATION NUMBER ___

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 WELLS, INCLUDING PIEZOMETERS
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. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. 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.

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

E. WELL DESTRUCTION. See attached.

Approved Wyman Hong Date 11 Aug 92
Wyman Hong

51991

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

March 17, 1994

Mr. Dan Mundy
Dolan Foster Enterprises, Inc.
25546 Seaboard Land
Hayward, CA 94545

STID 3695

Re: Investigations at 1900 Webster St., Alameda, CA

Dear Mr. Mundy,

This office has received and reviewed LRA Environmental's Fourth Quarter Ground water Monitoring Report, dated January 27, 1994. Elevated levels of Total Oil and Grease have been detected from Wells MW-2 and MW-3 during the last two quarters of ground water monitoring. According to LRA Environmental, these elevated levels are due to tampering of "traffic rated" well covers, allowing oil-laden storm water runoff from the parking lot to infiltrate the wells. However, this office has no evidence to indicate that this is the case.

Quarterly ground water monitoring and corresponding gradient determinations are required to continue at the site until this site qualifies for Regional Water Quality Control Board "sign-off". If it cannot be shown that the elevated levels of Total Oil & Grease is the result of off-site sources, you may be required to conduct further characterization, and possibly remediation, of this ground water contamination.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Robert Nicholson
LRA Environmental
3235 Sunrise Blvd., Ste E
Rancho Cordova, CA 95742

Edgar Howell-File(JS)

APPENDIX D

- CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
- CUMULATIVE GROUNDWATER SAMPLE ANALYTICAL RESULTS

CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS

LRA Project Number: E9170 (Taco Bell) Tank Excavation Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reorting Limit	Analytical Result
Sample #1	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #2	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #3	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #4	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #5	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #6	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #7	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND
Sample #8	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND

LRA Project Number: E9170 (Taco Bell) Exploratory Borings Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Method Detection	Reporting Limit	Analytical Result
E1-3-II	7'-7.5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	1.0 ppm	ND
		19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Toluene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.015 ppm	ND
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	ND
E2-2-II	6'-6.5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	1.0 ppm	ND
		19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Toluene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.015 ppm	ND
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	ND
E4-1-II	1.5'-2'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	20.0 ppm	8000.0 ppm
		19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.1 ppm	8.2 ppm
		19-Dec-91	31-Dec-91	Toluene	EPA 8020	0.1 ppm	200.0 ppm
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.1 ppm	110.0 ppm
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.3 ppm	760.0 ppm
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	ND
E6-1-I	4.5'-5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	5.0 ppm	110.0 ppm
		19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.025 ppm	ND
		19-Dec-91	31-Dec-91	Toluene	EPA 8020	0.025 ppm	3.8 ppm
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.025 ppm	2.2 ppm
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.075 ppm	22.0 ppm
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	ND

LRA Project Number: E9170 (Taco Bell) Geotechnical Sampling

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Method Detection	Reporting Limit	Analytical Result
U14-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	140.0 ppm
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND
U15-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	ND
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND
U16-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	ND
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND
U17-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	ND
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND
U18-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	ND
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND
U18-2-I	9.5'-10'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	ND
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting Limit	Analytical Result
				Semi Volatile Organics (Modified Method 8270)		
Waste Oil	**2' & 3'**	13-Jul-92	14-Jul-92	Acenaphthene	0.3 ppm	ND
POLYNUCLEAR AROM	*Composite*			Acenaphthylene	0.3 ppm	ND
				Anthracene	0.3 ppm	ND
				Benzo[a]pyrene	0.3 ppm	ND
				Benzo[b]fluoranthene	0.3 ppm	ND
				Benzo[g,h,I]perylene	0.3 ppm	ND
				Benxyl alcohol	0.3 ppm	ND
				Benzo[k]fluoranthene	0.3 ppm	ND
				Chrysene	0.3 ppm	ND
				Dibenzo[a,h]anthracene	0.3 ppm	ND
				Fluoranthene	0.3 ppm	ND
				Flourene	0.3 ppm	ND
				Indeno(1,2,3-c,d)pyrene	0.3 ppm	ND
				Naphthalene	0.3 ppm	ND
				Pheneanthrene	0.3 ppm	ND
				Pyrene	0.3 ppm	ND
POLYCHLOROBIPHEN				AROCLOR 1016	0.6 ppm	ND
				AROCLOR 1221	0.6 ppm	ND
				AROCLOR 1232	0.6 ppm	ND
				AROCLOR 1242	0.6 ppm	ND
				AROCLOR 1248	0.6 ppm	ND
				AROCLOR 1254	0.6 ppm	ND
				AROCLOR 1260	0.6 ppm	ND
ANILINES				4-Chloroaniline	0.6 ppm	ND
				2-Nitroaniline	1.5 ppm	ND
				3-Nitroaniline	1.5 ppm	ND
				4-Nitroaniline	1.5 ppm	ND
PHENOLS				pentachlorophenol	0.3 ppm	ND
				Phenol	0.3 ppm	ND
				2-Chlorophenol	0.3 ppm	ND
				2-Methylphenol	0.3 ppm	ND
				4-Methylphenol	0.3 ppm	ND
				2-Nitrophenol	0.3 ppm	ND
				2,4-Dichlorophenol	0.3 ppm	ND
				4-Chloro-3-methylphenol	0.3 ppm	ND
				2,4,5-Trichlorophenol	0.3 ppm	ND
				2,4,6-Trichlorophenol	0.3 ppm	ND
				4-Nitrophenol	0.3 ppm	ND
				2-Methyl-4,6-dinitrophenol	0.3 ppm	ND
CREOSOTE					0.3 ppm	ND

LRA Project Number: E9170 (Taco Bell) Waste Oil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting Limit	Analytical Result
Waste Oil	**2' & 3'** *Composite*	13-Jul-92	15-Jul-92	Purgeable Organics Modified Method (8240LL)		
				1,1,1-trichloroethane	5.0 ppb	ND
				1,1,2,2-tetrachloroethane	5.0 ppb	ND
				1,1,2-trichloroethane	5.0 ppb	ND
				1,1-dichloroethane	5.0 ppb	ND
				1,1-dichloroehene	5.0 ppb	ND
				1,2-dichlorobenzene	5.0 ppb	ND
				1,2-dichloroethane	5.0 ppb	ND
				1,2-dichloropropane	5.0 ppb	ND
				1,3-dichlorobenzene	5.0 ppb	ND
				1,4-dichlorobenzene	5.0 ppb	ND
				2-chloroethylvinyl ether	5.0 ppb	ND
				benzene	5.0 ppb	ND
				bromodichloroethane	5.0 ppb	ND
				bromomethane	10.0 ppb	ND
				carbon tetrachloride	5.0 ppb	ND
				chlorobenzene	5.0 ppb	ND
				chloroethane	10.0 ppb	ND
				chloroform	5.0 ppb	ND
				chloromethane	10.0 ppb	ND
				cis-1,3-dichloropropene	5.0 ppb	ND
				dibromochloromethane	5.0 ppb	ND
				ethylbenzene	5.0 ppb	ND
				tetrachloroethene	10.0 ppb	ND
				toluene	5.0 ppb	ND
				total zylenes	15.0 ppb	ND
				trans-1,2-dichloroethene	5.0 ppb	ND
				trans-1,3-dichloropropene	5.0 ppb	ND
				trichloroethene	5.0 ppb	ND
				trichlorofluoromethane	10.0 ppb	ND
				vinyl chloride	10.0 ppb	ND

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting Limit	Analytical Result
				Semi Volatile Organics (Modified Method 8270)		
Waste Oil	**10'**	13-Jul-92	14-Jul-92	Acenaphthene	0.3 ppm	ND
POLYNUCLEAR AROM				Acenaphthylene	0.3 ppm	ND
				Anthracene	0.3 ppm	ND
				Benzo[a]pyrene	0.3 ppm	ND
				Benzo[b]fluoranthene	0.3 ppm	ND
				Benzo[g,h,I]perylene	0.3 ppm	ND
				Benxyl alcohol	0.3 ppm	ND
				Benzo[k]fluoranthene	0.3 ppm	ND
				Chrysene	0.3 ppm	ND
				Dibenzo[a,h]anthracene	0.3 ppm	ND
				Fluoranthene	0.3 ppm	ND
				Flourene	0.3 ppm	ND
				Indeno(1,2,3-c,d)pyrene	0.3 ppm	ND
				Naphthalene	0.3 ppm	ND
				Pheneanthrene	0.3 ppm	ND
				Pyrene	0.3 ppm	ND
POLYCHLOROBIPHEN				AROCLOR 1016	0.6 ppm	ND
				AROCLOR 1221	0.6 ppm	ND
				AROCLOR 1232	0.6 ppm	ND
				AROCLOR 1242	0.6 ppm	ND
				AROCLOR 1248	0.6 ppm	ND
				AROCLOR 1254	0.6 ppm	ND
				AROCLOR 1260	0.6 ppm	ND
ANILINES				4-Chloroaniline	0.6 ppm	ND
				2-Nitroaniline	1.5 ppm	ND
				3-Nitroaniline	1.5 ppm	ND
				4-Nitroaniline	1.5 ppm	ND
PHENOLS				pentachlorophenol	0.3 ppm	ND
				Phenol	0.3 ppm	ND
				2-Chlorophenol	0.3 ppm	ND
				2-Methylphenol	0.3 ppm	ND
				4-Methylphenol	0.3 ppm	ND
				2-Nitrophenol	0.3 ppm	ND
				2,4-Dichlorophenol	0.3 ppm	ND
				4-Chloro-3-methylphenol	0.3 ppm	ND
				2,4,5-Trichlorophenol	0.3 ppm	ND
				2,4,6-Trichlorophenol	0.3 ppm	ND
				4-Nitrophenol	0.3 ppm	ND
				2-Methyl-4,6-dinitrophenol	0.3 ppm	ND
CREOSOTE					0.3 ppm	ND

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting Limit	Analytical Result
Waste Oil	**10'**	13-Jul-92	15-Jul-92	Purgeable Organics Modified Method (8240LL)		
				1,1,1-trichloroethane	5.0 ppb	ND
				1,1,2,2-tetrachloroethane	5.0 ppb	ND
				1,1,2-trichloroethane	5.0 ppb	ND
				1,1-dichloroethane	5.0 ppb	ND
				1,1-dichloroehene	5.0 ppb	ND
				1,2-dichlorobenzene	5.0 ppb	ND
				1,2-dichloroethane	5.0 ppb	ND
				1,2-dichloropropane	5.0 ppb	ND
				1,3-dichlorobenzene	5.0 ppb	ND
				1,4-dichlorobenzene	5.0 ppb	ND
				2-chloroethylvinyl ether	5.0 ppb	ND
				benzene	5.0 ppb	ND
				bromodichloroethane	5.0 ppb	ND
				bromomethane	10.0 ppb	ND
				carbon tetrachloride	5.0 ppb	ND
				chlorobenzene	5.0 ppb	ND
				chloroethane	10.0 ppb	ND
				chloroform	5.0 ppb	ND
				chloromethane	10.0 ppb	ND
				cis-1,3-dichloropropene	5.0 ppb	ND
				dibromochloromethane	5.0 ppb	ND
				ethylbenzene	5.0 ppb	ND
				tetrachloroethene	10.0 ppb	ND
				toluene	5.0 ppb	9.8 ppb
				total zylenes	15.0 ppb	22.0 ppb
				trans-1,2-dichloroethene	5.0 ppb	ND
				trans-1,3-dichloropropene	5.0 ppb	ND
				trichloroethene	5.0 ppb	ND
				trichlorofluoromethane	10.0 ppb	ND
				vinyl chloride	10.0 ppb	ND

CUMULATIVE GROUNDWATER SAMPLE ANALYTICAL RESULTS

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reporting Limit	Analytical Result
MW#1	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
MW#1	12/6/93	12/17/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	12/6/93	12/7/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	12/6/93	12/10/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	12/6/93	12/10/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	12/6/93	12/7/93	Benzene	EPA 5030/602	0.30 ppb	ND
	12/6/93	12/7/93	Toluene	EPA 5030/602	0.30 ppb	ND
	12/6/93	12/7/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	12/6/93	12/7/93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#1	9/1/93	9/13/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	9/1/93	9/8/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	9/1/93	9/9/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	9/1/93	9/9/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	9/1/93	9/8/93	Benzene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Toluene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Xylenes	*EPA 5030/602*	0.60 ppb	ND
MW#1	1/4/93	1/12/93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	1/4/93	1/5/93	TPH Gasoline	EPA 5030	0.05 ppm	ND
	1/4/93	1/12/93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
	1/4/93	1/12/93	TPH Kerosene	EPA 8015 mod.	0.5 ppm	ND
	1/4/93	1/5/93	Benzene	EPA 602	0.30 ppb	ND
	1/4/93	1/5/93	Toluene	EPA 602	0.30 ppb	ND
	1/4/93	1/5/93	Ethylbenzene	EPA 602	0.30 ppb	ND
	1/4/93	1/5/93	Xylenes	EPA 602	0.90 ppb	ND
MW#1	1/4/93	1/6/93	Constituent Tested (Volatile Organic EPA Method M624)			
			1,1,1-trichloroethane		5 0 ppb	ND
			1,1,2,2-tetrachloroethane		5.0 ppb	ND
			1,1,2-trichloroethane		5.0 ppb	ND
			1,1-dichloroethane		5.0 ppb	ND
			1,1-dichloroehene		5 0 ppb	ND
			1,2-dichlorobenzene		5.0 ppb	ND
			1,2-dichloroethane		5.0 ppb	ND
			1,2-dichloropropane		5.0 ppb	ND
			1,3-dichlorobenzene		5.0 ppb	ND
			1,4-dichlorobenzene		5 0 ppb	ND
			2-chloroethylvinyl ether		5.0 ppb	ND
			benzene		5.0 ppb	ND
			bromodichloroethane		5.0 ppb	ND
			bromomethane		10.0 ppb	ND
			carbon tetrachloride		5.0 ppb	ND
			chlorobenzene		5.0 ppb	ND
			chloroethane		10.0 ppb	ND
			chloroform		5.0 ppb	ND
			chloromethane		10.0 ppb	ND
			cis-1,3-dichloropropene		5 0 ppb	ND
			dibromochloromethane		5.0 ppb	ND
			ethylbenzene		5.0 ppb	ND
			tetrachloroethene		10.0 ppb	ND
			toluene		5.0 ppb	ND
			total zylenes		15.0 ppb	ND
			trans-1,2-dichloroethene		5.0 ppb	ND
			trans-1,3-dichloropropene		5.0 ppb	ND
			trichloroethene		5.0 ppb	ND
			trichlorofluoromethane		10.0 ppb	ND
			vinyl chloride		10 0 ppb	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested		Method Detection	Analytical Result
			Semi Volatile Organics (EPA Method M625)			
MW#1	4-Jan-93	6-Jan-93	Acenaphthene		10.0 ppb	ND
POLYNUCLEAR AROM			Acenaphthylene		10.0 ppb	ND
			Anthracene		10.0 ppb	ND
			Benzo[a]pyrene		10.0 ppb	ND
			Benzo[b]fluoranthene		10.0 ppb	ND
			Benzo[g,h,I]perylene		10.0 ppb	ND
			Benxyl alcohol		20.0 ppb	ND
			Benzo[k]fluoranthene		10.0 ppb	ND
			Chrysene		10.0 ppb	ND
			Dibenzo[a,h]anthracene		10.0 ppb	ND
			Fluoranthene		10.0 ppb	ND
			Flourene		10.0 ppb	ND
			Indeno(1,2,3-c,d)pyrene		10.0 ppb	ND
			Naphthalene		10.0 ppb	ND
			Pheneanthrene		10.0 ppb	ND
			Pyrene		10.0 ppb	ND
POLYCHLOROBIPHEN			AROCLOR 1016		50.0 ppb	ND
			AROCLOR 1221		50.0 ppb	ND
			AROCLOR 1232		50.0 ppb	ND
			AROCLOR 1242		50.0 ppb	ND
			AROCLOR 1248		50.0 ppb	ND
			AROCLOR 1254		50.0 ppb	ND
			AROCLOR 1260		50.0 ppb	ND
ANILINES			4-Chloroaniline		20.0 ppb	ND
			2-Nitroaniline		50.0 ppb	ND
			3-Nitroaniline		50 0 ppb	ND
			4-Nitroaniline		50.0 ppb	ND
PHENOLS			pentachlorophenol		10.0 ppb	ND
			Phenol		10.0 ppb	ND
			2-Chlorophenol		10.0 ppb	ND
			2-Methylphenol		10.0 ppb	ND
			4-Methylphenol		10.0 ppb	ND
			2-Nitrophenol		10.0 ppb	ND
			2,4-Dichlorophenol		10.0 ppb	ND
			4-Chloro-3-methylphenol		10.0 ppb	ND
			2,4,5-Trichlorophenol		10 0 ppb	ND
			2,4,6-Trichlorophenol		10.0 ppb	ND
			4-Nitrophenol		10.0 ppb	ND
			2-Methyl-4,6-dinitrophenol		10.0 ppb	ND
CREOSOTE					0.3 ppm	ND
MW#1	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	0.08 ppm	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reporting Limit	Analytical Result
MW#2	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5 0 ppm	ND
MW#2	6-Dec-93	17-Dec-93	Oil & Grease	EPA 3510/9070	5.0 ppm	5.5 ppm
	6-Dec-93	7-Dec-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	6-Dec-93	10-Dec-93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	6-Dec-93	10-Dec-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	6-Dec-93	7-Dec-93	Benzene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Toluene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#2	1-Sep-93	13-Sep-93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	1-Sep-93	8-Sep-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	1-Sep-93	9-Sep-93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	1-Sep-93	9-Sep-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	1-Sep-93	8-Sep-93	Benzene	EPA 5030/602	0.30 ppb	ND
	1-Sep-93	8-Sep-93	Toluene	EPA 5030/602	0.30 ppb	ND
	1-Sep-93	8-Sep-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	1-Sep-93	8-Sep-93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#2	4-Jan-93	12-Jan-93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	4-Jan-93	5-Jan-93	TPH Gasoline	EPA 5030	0.05 ppm	ND
	4-Jan-93	12-Jan-93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
	4-Jan-93	12-Jan-93	TPH Kerosene	EPA 8015 mod.	0.5 ppm	ND
	4-Jan-93	5-Jan-93	Benzene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Toluene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Ethylbenzene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Xylenes	EPA 602	0.90 ppb	ND
MW#2	4-Jan-93	6-Jan-93	Constituent Tested (Volatile Organic EPA Method M624)			
			1,1,1-trichloroethane		5.0 ppb	ND
			1,1,2,2-tetrachloroethane		5.0 ppb	ND
			1,1,2-trichloroethane		5.0 ppb	ND
			1,1-dichloroethane		5.0 ppb	ND
			1,1-dichloroehene		5.0 ppb	ND
			1,2-dichlorobenzene		5.0 ppb	ND
			1,2-dichloroethane		5.0 ppb	ND
			1,2-dichloropropane		5.0 ppb	ND
			1,3-dichlorobenzene		5.0 ppb	ND
			1,4-dichlorobenzene		5.0 ppb	ND
			2-chloroethylvinyl ether		5.0 ppb	ND
			benzene		5.0 ppb	ND
			bromodichloroethane		5 0 ppb	ND
			bromomethane		10.0 ppb	ND
			carbon tetrachloride		5.0 ppb	ND
			chlorobenzene		5.0 ppb	ND
			chloroethane		10.0 ppb	ND
			chloroform		5.0 ppb	ND
			chloromethane		10.0 ppb	ND
			cis-1,3-dichloropropene		5.0 ppb	ND
			dibromochloromethane		5.0 ppb	ND
			ethylbenzene		5.0 ppb	ND
			tetrachloroethene		10.0 ppb	ND
			toluene		5.0 ppb	ND
			total zylenes		15.0 ppb	ND
			trans-1,2-dichloroethene		5.0 ppb	ND
			trans-1,3-dichloropropene		5.0 ppb	ND
			trichloroethene		5 0 ppb	ND
			trichlorofluoromethane		10.0 ppb	ND
			vinyl chloride		10 0 ppb	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested		Reporting Limit	Analytical Result
			Semi Volatile Organics (EPA Method M625)			
MW#2	4-Jan-93	6-Jan-93	Acenaphthene		10.0 ppb	ND
POLYNUCLEAR AROM			Acenaphthylene		10.0 ppb	ND
			Anthracene		10.0 ppb	ND
			Benzo[a]pyrene		10.0 ppb	ND
			Benzo[b]fluoranthene		10.0 ppb	ND
			Benzo[g,h,I]perylene		10.0 ppb	ND
			Benxyl alcohol		20.0 ppb	ND
			Benzo[k]fluoranthene		10.0 ppb	ND
			Chrysene		10.0 ppb	ND
			Dibenzo[a,h]anthracene		10.0 ppb	ND
			Fluoranthene		10.0 ppb	ND
			Flourene		10.0 ppb	ND
			Indeno(1,2,3-c,d)pyrene		10.0 ppb	ND
			Naphthalene		10.0 ppb	ND
			Pheneanthrene		10.0 ppb	ND
			Pyrene		10.0 ppb	ND
POLYCHLOROBIPHEN			AROCLOR 1016		50.0 ppb	ND
			AROCLOR 1221		50.0 ppb	ND
			AROCLOR 1232		50.0 ppb	ND
			AROCLOR 1242		50.0 ppb	ND
			AROCLOR 1248		50.0 ppb	ND
			AROCLOR 1254		50.0 ppb	ND
			AROCLOR 1260		50.0 ppb	ND
ANILINES			4-Chloroaniline		20.0 ppb	ND
			2-Nitroaniline		50.0 ppb	ND
			3-Nitroaniline		50.0 ppb	ND
			4-Nitroaniline		50.0 ppb	ND
PHENOLS			pentachlorophenol		10.0 ppb	ND
			Phenol		10.0 ppb	ND
			2-Chlorophenol		10.0 ppb	ND
			2-Methylphenol		10.0 ppb	ND
			4-Methylphenol		10.0 ppb	ND
			2-Nitrophenol		10.0 ppb	ND
			2,4-Dichlorophenol		10.0 ppb	ND
			4-Chloro-3-methylphenol		10.0 ppb	ND
			2,4,5-Trichlorophenol		10.0 ppb	ND
			2,4,6-Trichlorophenol		10.0 ppb	ND
			4-Nitrophenol		10.0 ppb	ND
			2-Methyl-4,6-dinitrophenol		10.0 ppb	ND
CREOSOTE					0.3 ppm	ND
MW#2	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	00.08 ppm	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reporting Limit	Analytical Result
MW#3	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5 0 ppm	ND
MW#3	6-Dec-93	17-Dec-93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	6-Dec-93	7-Dec-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	6-Dec-93	10-Dec-93	TPH Diesel	EPA 3510/8015	0 20 ppm	ND
	6-Dec-93	10-Dec-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	6-Dec-93	7-Dec-93	Benzene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Toluene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Ethylbenzene	EPA 5030/602	0 30 ppb	ND
	6-Dec-93	7-Dec-93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#3	1-Sep-93	13-Sep-93	Oil & Grease	EPA 3510/9070	5.0 ppm	30.0 ppm
	1-Sep-93	8-Sep-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	1-Sep-93	9-Sep-93	TPH Diesel	EPA 3510/8015	0 20 ppm	ND
	1-Sep-93	9-Sep-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	1-Sep-93	8-Sep-93	Benzene	EPA 5030/602	0 30 ppb	ND
	1-Sep-93	8-Sep-93	Toluene	EPA 5030/602	0 30 ppb	ND
	1-Sep-93	8-Sep-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	1-Sep-93	8-Sep-93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#3	4-Jan-93	12-Jan-93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	4-Jan-93	5-Jan-93	TPH Gasoline	EPA 5030	0 05 ppm	ND
	4-Jan-93	12-Jan-93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
	4-Jan-93	12-Jan-93	TPH Kerosene	EPA 8015 mod.	0 5 ppm	ND
	4-Jan-93	5-Jan-93	Benzene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Toluene	EPA 602	0 30 ppb	ND
	4-Jan-93	5-Jan-93	Ethylbenzene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Xylenes	EPA 602	0.90 ppb	ND
MW#3	4-Jan-93	6-Jan-93	Constituent Tested (Volatile Organic EPA Method M624)			
			1,1,1-trichloroethane		5.0 ppb	ND
			1,1,2,2-tetrachloroethane		5 0 ppb	ND
			1,1,2-trichloroethane		5 0 ppb	ND
			1,1-dichloroethane		5 0 ppb	ND
			1,1-dichloroehene		5.0 ppb	ND
			1,2-dichlorobenzene		5.0 ppb	ND
			1,2-dichloroethane		5.0 ppb	ND
			1,2-dichloropropane		5 0 ppb	ND
			1,3-dichlorobenzene		5.0 ppb	ND
			1,4-dichlorobenzene		5 0 ppb	ND
			2-chloroethylvinyl ether		5 0 ppb	ND
			benzene		5 0 ppb	ND
			bromodichloroethane		5 0 ppb	ND
			bromomethane		10 0 ppb	ND
			carbon tetrachloride		5.0 ppb	ND
			chlorobenzene		5.0 ppb	ND
			chloroethane		10.0 ppb	ND
			chloroform		5.0 ppb	ND
			chloromethane		10.0 ppb	ND
			cis-1,3-dichloropropene		5.0 ppb	ND
			dibromochloromethane		5.0 ppb	ND
			ethylbenzene		5.0 ppb	ND
			tetrachloroethene		10.0 ppb	ND
			toluene		5.0 ppb	ND
			total zylenes		15 0 ppb	ND
			trans-1,2-dichloroethene		5 0 ppb	ND
			trans-1,3-dichloropropene		5 0 ppb	ND
			trichloroethene		5.0 ppb	ND
			trichlorofluoromethane		10 0 ppb	ND
			vinyl chloride		10 0 ppb	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested		Reporting Limit	Analytical Result
			Semi Volatile Organics (EPA Method M625)			
MW#3	4-Jan-93	6-Jan-93	Acenaphthene		10.0 ppb	ND
POLYNUCLEAR AROM			Acenaphthylene		10.0 ppb	ND
			Anthracene		10.0 ppb	ND
			Benzo[a]pyrene		10.0 ppb	ND
			Benzo[b]fluoranthene		10.0 ppb	ND
			Benzo[g,h,I]perylene		10.0 ppb	ND
			Benxyl alcohol		20.0 ppb	ND
			Benzo[k]fluoranthene		10.0 ppb	ND
			Chrysene		10.0 ppb	ND
			Dibenzo[a,h]anthracene		10.0 ppb	ND
			Fluoranthene		10.0 ppb	ND
			Flourene		10.0 ppb	ND
			Indeno(1,2,3-c,d)pyrene		10.0 ppb	ND
			Naphthalene		10.0 ppb	ND
			Pheneanthrene		10.0 ppb	ND
			Pyrene		10.0 ppb	ND
POLYCHLOROBIPHEN			AROCLOR 1016		50.0 ppb	ND
			AROCLOR 1221		50.0 ppb	ND
			AROCLOR 1232		50.0 ppb	ND
			AROCLOR 1242		50.0 ppb	ND
			AROCLOR 1248		50.0 ppb	ND
			AROCLOR 1254		50.0 ppb	ND
			AROCLOR 1260		50.0 ppb	ND
ANILINES			4-Chloroaniline		20.0 ppb	ND
			2-Nitroaniline		50.0 ppb	ND
			3-Nitroaniline		50.0 ppb	ND
			4-Nitroaniline		50.0 ppb	ND
PHENOLS			pentachlorophenol		10.0 ppb	ND
			Phenol		10.0 ppb	ND
			2-Chlorophenol		10.0 ppb	ND
			2-Methylphenol		10.0 ppb	ND
			4-Methylphenol		10.0 ppb	ND
			2-Nitrophenol		10.0 ppb	ND
			2,4-Dichlorophenol		10.0 ppb	ND
			4-Chloro-3-methylphenol		10.0 ppb	ND
			2,4,5-Trichlorophenol		10.0 ppb	ND
			2,4,6-Trichlorophenol		10.0 ppb	ND
			4-Nitrophenol		10.0 ppb	ND
			2-Methyl-4,6-dinitrophenol		10.0 ppb	ND
CREOSOTE					0.3 ppm	ND
MW#3	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	00.08 ppm	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reporting Limit	Analytical Result
MW#4	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
MW#4	12/6/93	12/17/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	12/6/93	12/7/93	TPH Gasoline	EPA 5030/8015	0 05 ppm	ND
	12/6/93	12/10/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	12/6/93	12/10/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	12/6/93	12/7/93	Benzene	EPA 5030/602	0 30 ppb	ND
	12/6/93	12/7/93	Toluene	EPA 5030/602	0.30 ppb	ND
	12/6/93	12/7/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	12/6/93	12/7/93	Xylenes	EPA 5030/602	0 60 ppb	ND
MW#4	9/1/93	9/13/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	9/1/93	9/8/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	9/1/93	9/9/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	9/1/93	9/9/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	9/1/93	9/8/93	Benzene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Toluene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Xylenes	EPA 5030/602	0.60 ppb	ND
MW#4	1/4/93	1/12/93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	1/4/93	1/5/93	TPH Gasoline	EPA 5030	0.05 ppm	ND
	1/4/93	1/12/93	TPH Diesel	EPA 8015 mod.	0 5 ppm	ND
	1/4/93	1/12/93	TPH Kerosene	EPA 8015 mod	0.5 ppm	ND
	1/4/93	1/5/93	Benzene	EPA 602	0 30 ppb	ND
	1/4/93	1/5/93	Toluene	EPA 602	0.30 ppb	ND
	1/4/93	1/5/93	Ethylbenzene	EPA 602	0 30 ppb	ND
	1/4/93	1/5/93	Xylenes	EPA 602	0.90 ppb	ND
MW#4	1/4/93	1/6/93	Constituent Tested (Volatile Organic EPA Method M624)			
			1,1,1-trichloroethane		5.0 ppb	ND
			1,1,2,2-tetrachloroethane		5 0 ppb	ND
			1,1,2-trichloroethane		5.0 ppb	ND
			1,1-dichloroethane		5.0 ppb	ND
			1,1-dichloroehene		5.0 ppb	ND
			1,2-dichlorobenzene		5.0 ppb	ND
			1,2-dichloroethane		5.0 ppb	ND
			1,2-dichloropropane		5 0 ppb	ND
			1,3-dichlorobenzene		5.0 ppb	ND
			1,4-dichlorobenzene		5 0 ppb	ND
			2-chloroethylvinyl ether		5.0 ppb	ND
			benzene		5.0 ppb	ND
			bromodichloroethane		5 0 ppb	ND
			bromomethane		10.0 ppb	ND
			carbon tetrachloride		5 0 ppb	ND
			chlorobenzene		5.0 ppb	ND
			chloroethane		10 0 ppb	ND
			chloroform		5.0 ppb	ND
			chloromethane		10.0 ppb	ND
			cis-1,3-dichloropropene		5 0 ppb	ND
			dibromochloromethane		5.0 ppb	ND
			ethylbenzene		5.0 ppb	ND
			tetrachloroethene		10.0 ppb	ND
			toluene		5.0 ppb	ND
			total zylenes		15.0 ppb	ND
			trans-1,2-dichloroethene		5.0 ppb	ND
			trans-1,3-dichloropropene		5.0 ppb	ND
			trichloroethene		5.0 ppb	ND
			trichlorofluoromethane		10 0 ppb	ND
			vinyl chloride		10.0 ppb	ND

LRA Project Number: E9170 (Taco Bell) Groundwater Analysis

Sample Location	Sample Date	Analysis Date	Constituent Tested		Reporting Limit	Analytical Result
			Semi Volatile Organics (EPA Method M625)			
MW#4	4-Jan-93	6-Jan-93	Acenaphthene		10.0 ppb	ND
POLYNUCLEAR AROM			Acenaphthylene		10.0 ppb	ND
			Anthracene		10.0 ppb	ND
			Benzo[a]pyrene		10.0 ppb	ND
			Benzo[b]fluoranthene		10.0 ppb	ND
			Benzo[g,h,I]perylene		10.0 ppb	ND
			Benxyl alcohol		20.0 ppb	ND
			Benzo[k]fluoranthene		10.0 ppb	ND
			Chrysene		10.0 ppb	ND
			Dibenzo[a,h]anthracene		10.0 ppb	ND
			Fluoranthene		10.0 ppb	ND
			Flourene		10.0 ppb	ND
			Indeno(1,2,3-c,d)pyrene		10.0 ppb	ND
			Naphthalene		10.0 ppb	ND
			Pheneanthrene		10.0 ppb	ND
			Pyrene		10.0 ppb	ND
POLYCHLOROBIPHEN			AROCLOR 1016		50.0 ppb	ND
			AROCLOR 1221		50.0 ppb	ND
			AROCLOR 1232		50.0 ppb	ND
			AROCLOR 1242		50.0 ppb	ND
			AROCLOR 1248		50.0 ppb	ND
			AROCLOR 1254		50.0 ppb	ND
			AROCLOR 1260		50.0 ppb	ND
ANILINES			4-Chloroaniline		20.0 ppb	ND
			2-Nitroaniline		50.0 ppb	ND
			3-Nitroaniline		50.0 ppb	ND
			4-Nitroaniline		50.0 ppb	ND
PHENOLS			pentachlorophenol		10.0 ppb	ND
			Phenol		10.0 ppb	ND
			2-Chlorophenol		10.0 ppb	ND
			2-Methylphenol		10.0 ppb	ND
			4-Methylphenol		10.0 ppb	ND
			2-Nitrophenol		10.0 ppb	ND
			2,4-Dichlorophenol		10.0 ppb	ND
			4-Chloro-3-methylphenol		10.0 ppb	ND
			2,4,5-Trichlorophenol		10.0 ppb	ND
			2,4,6-Trichlorophenol		10.0 ppb	ND
			4-Nitrophenol		10.0 ppb	ND
			2-Methyl-4,6-dinitrophenol		10.0 ppb	ND
CREOSOTE					0.3 ppm	ND
MW#4	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	00.08 ppm	ND

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Sample Location	Sample Date	Analysis Date	Constituent Tested	Test Method	Reorting Limit	Analytical Result
Excavation Site						
Sample #9	3-Jun-92	3-Jun-92	Benzene	EPA 602	1.5 ppb	29.0 ppb
	3-Jun-92	3-Jun-92	Toluene	EPA 602	1.5 ppb	130.0 ppb
	3-Jun-92	3-Jun-92	Ethylbenzene	EPA 602	1.5 ppb	ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 602	4.5 ppb	2800.0 ppb
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	.25 ppm	29.0 ppb
Sample #12	3-Jun-92	3-Jun-92	Benzene	EPA 602	1.5 ppb	16.0 ppb
	3-Jun-92	3-Jun-92	Toluene	EPA 602	1.5 ppb	400.0 ppb
	3-Jun-92	3-Jun-92	Ethylbenzene	EPA 602	1.5 ppb	200.0 ppb
	3-Jun-92	3-Jun-92	Xylenes	EPA 602	4.5 ppb	2300.0 ppb
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	.25 ppm	21.0 ppm
Temporary Wells						
U14-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	2.0 ppm
	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND
	21-Jan-92	29-Jan-92	Lead	TTLC 7420	0.5 ppm	ND
	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	3.0 ppm
U14-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	33.0 ppb
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	910.0 ppb
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	670.0 ppb
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4.5 ppb	4300.0 ppb
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	26.0 ppm
U15-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND
	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND
	21-Jan-92	29-Jan-92	Lead	TTLC 7420	0.5 ppm	ND
	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	ND
U15-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4.5 ppb	ND
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	ND
U16-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND
	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND
	21-Jan-92	29-Jan-92	Lead	TTLC 7420	0.5 ppm	ND
	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	18.0 ppm
U16-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4.5 ppb	ND
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	25 ppm	ND
U17-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND
	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND
	21-Jan-92	29-Jan-92	Lead	TTLC 7420	0.5 ppm	ND
	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	ND
U17-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4 5 ppb	ND
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	ND