



92 MAR 13 11:11:50
LRA ENVIRONMENTAL

3235 SUNRISE BOULEVARD, SUITE E
RANCHO CORDOVA, CA 95742
PHONE 916/631-4455

FAX 916/631-4466

**LEAKING UNDERGROUND FUEL TANK
MONITORING WORKPLAN**

TACO BELL

1900 WEBSTER STREET

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

LRA ENVIRONMENTAL JOB NUMBER: E-9170

BY

**LRA ENVIRONMENTAL
3235 SUNRISE BLVD., SUITE 5
RANCHO CORDOVA, CALIFORNIA 95742
(916) 631-4455**

February 26, 1992



TABLE OF CONTENTS

PART I - SITE MONITORING WORKPLAN

<u>INTRODUCTION</u>	Page Number
Location	1
Background/Site History	2
1. Current and Previous Property Owners and Contact Persons	2
2. Current and Previous Business Activities on the Property	2
3. Spill, Leak or Leachate Migration History	3
<u>OBJECTIVE OF THE PROPOSED WORK</u>	4
<u>SITE DESCRIPTION</u>	4
Vicinity Map	4
Site Map	4
Description of Topography and Surface Features	4
Site Topography	5
<u>METHODS AND PROCEDURES</u>	6
Well Installation	
Rationale for Locations	6
Disposal of Contaminated Materials	7
Equipment Decontamination	7
Geotechnical Evaluation of Subsurface Soils	8
Soil Sampling	
Soil Sampling During Monitoring Well Installation	8
Soil Sampling Method and Equipment	8
Equipment Decontamination Procedures	10
Disposal of Contaminated or Potentially Contaminated Materials	10
Quality Assurance and Control Procedures	10
Groundwater Sampling	11
Temporary Groundwater Monitoring Wells	11
Permanent Groundwater Monitoring Wells	11
Observation of Free Product	12
Water and Product Level	12
Purging Procedures	13
Sample Collection Equipment	14
Sample Shipping Procedures	14
Equipment Decontamination Procedures	14



Table of Contents Page Two	Page Number
Disposal of Contaminated Materials	15
Quality Assurance and Control Procedures	15
<u>STATEMENT OF FINDINGS</u>	15
Lab Analysis	15
Interpretation of Data	15
<u>CONCLUSIONS</u>	15
<u>RECOMMENDATIONS FOR SUBSEQUENT ACTIONS</u>	16
<u>PROPOSED SCHEDULE OF IMPLEMENTATION</u>	16
Submission of Workplan	16
Permit Application	16
Drilling and Well Construction	16
Issuance of Analytical Results	16
Semi-annual Monitoring Reports	17
Issuance of Technical Report	17

PART II

SUMMARY REPORT OF LEAKING UNDERGROUND FUEL TANK INVESTIGATION

<u>INTRODUCTION</u>	20
Site History	21
<u>FIELD INVESTIGATION</u>	21
Method of Proceedure	22
Drilling Results	22
Water Sampling Proceedure	24
Tabulation of Field Gas Analysis	25
<u>SOIL AND WATER QUALITY ANALYSIS</u>	25
<u>STATEMENT OF FINDINGS</u>	25
<u>RECOMMENDATIONS</u>	28
<u>LIMITATIONS</u>	29
<u>SIGNATURE STATEMENT</u>	30
<u>SIGNATURE PAGE</u>	31



Table of Contents
Page Three

PART III

APPENDIX A: Plates

TABLE #1 : Summary Of Analytical Results

APPENDIX B: Chain of Title

APPENDIX C: Leak Report

EXHIBIT #1: Chain of Custody and Chemical Analysis





LRA ENVIRONMENTAL

February 26, 1992

3235 SUNRISE BOULEVARD, SUITE E
RANCHO CORDOVA, CA 95742
PHONE 916/631-4455

FAX 916/631-4466

PART I

LEAKING UNDERGROUND FUEL TANK

MONITORING WORKPLAN

TACO BELL

1900 WEBSTER STREET

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

LRA ENVIRONMENTAL JOB NUMBER: E-9170

INTRODUCTION:

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 APN 73-426-12.

Background/Site History:

1. Current and previous property owners and contact persons:

The property in question is an operational Taco Bell franchise. LRA ENVIRONMENTAL has been provided with a current list of property owners. The property is currently owned and managed by Dolan Foster Enterprises and is supervised by Dan Mundy, the site construction manager. Contact can be made with Mr. Mundy at 510-887-7260.

A complete list of previous owners (chain of title) of the subject site can be found in appendix B of this workplan.

2. Current and previous business activities on the property:

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 has in the past been used as a service station. The first service station on this site initially began dispensing gasoline in 1928 from 2 (two) 550 (five hundred fifty) gallon tanks. From that time until 1976 the property has been in continual use as a service and gasoline dispensing station. A total of 8 (eight) different tanks of varying sizes have been used for underground gasoline storage. These tanks have ranged in size from 550 (five hundred fifty) to 8000 (eight thousand)



gallons. From 1967 to 1974, underground gasoline storage totaled 14,000 (fourteen thousand) gallons. Alameda City Fire Department records show that all tanks, tank filler lines, and dispenser lines were removed on Feb. 8, 1974, prior to the sale of the property to Dolan Foster Enterprises.

Gasoline storage tank operators and dates of tank placement for the property are as follows:

<u>OPERATOR</u>	<u>DATE OF TANK PLACEMENT</u>
Humble Oil Service Station	November 29, 1967
Signal Oil Company	October 27, 1941
P.S. Ray	May 11, 1933
F. Burrington	October 11, 1928

3. Spill, leak, or leachate migration history on the site:

Prior to January 15, 1992, no spill, leak, nor leachate migration reports had been filed with the Alameda County Health Department. However, on that date, Dolan Foster Enterprises filed an Underground Storage Tank Unauthorized Release Contamination Site Report with the Health Department. This report was precipitated by petroleum products found by LRA Engineering while conducting geotechnical soil borings. One (1) of the soil borings yielded discolored and odorous material. Dolan Foster Enterprises was appraised of the situation and they, in turn, initiated the preliminary site contamination investigation process.



The unauthorized leak report is in the custody of the Alameda County Health Department.

OBJECTIVE OF THE PROPOSED WORK

The purpose of this workplan is to comply with the Alameda County Health Departments mandate for work to define the extent of contamination at the subject property. Specifically, this workplan is proposed as the means whereby the "Preliminary Site Assessment" phase of investigation can be implemented in order to determine if groundwater has been impacted, to define the site history insofar as possible, and to identify the source of the pollutant(s).

SITE DESCRIPTION

Vicinity Map:

The vicinity map appears as Plate 1 in the Appendix portion of this workplan.

Site Map:

The site map appears as Plate 2 in the Appendix portion of this workplan.

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 in question marked 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 10 feet above sea level.

A site reconnaissance was conducted. The entire lot was found to be covered by either concrete, asphalt, or the Taco Bell building. No unusual odors were present on site during the reconnaissance. No water ponding was observed on the site.

Site topography:

Alameda Island is a piece of the mainland that has been dissected by an estuary. The coastal geologic process is mainly tide dominated with wave influence and has produced an estuarine soil sequence. Land elevation on the island varies from sea level to thirty five (35) feet 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 thirty (130) feet by one hundred (100) feet (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 8-10 feet below ground surface. This approximately coincides with mean sea level.



METHODS AND PROCEDURES

Well Installation

Rationale for monitoring well/soil boring locations:

In compliance with Alameda County Health Department standards, a plan for the placement of four (4) temporary groundwater monitoring wells is herein proposed. These wells will be sited on the property to assess groundwater quality. It is proposed that these wells be placed on alternating sides (east and west) of the property and spaced in forty (40) foot intervals.

If the installation of permanent groundwater monitoring wells is deemed to be necessary, the American Society for Testing and Materials (A.S.T.M.) standard designated D5092-90, "Standard Practice for Design and Installations of Groundwater Monitoring Wells in Aquifers", will be the applicable specification for well construction pursuant to this workplan. A detail of the A.S.T.M. Standard D5092-90 well for traffic areas is included in Appendix A of this document.

After temporary installation of the wells is complete, soil and groundwater samples obtained during construction will be remanded to the custody of a State of California approved analytical laboratory. Two (2) soil samples will be taken in each temporary monitoring well boring. One from the depth of five (5) feet and the other from ten (10) feet below ground surface level. One (1) water sample will be taken from the first water aquifer encountered.



Disposal of contaminated or potentially contaminated material during monitoring well installation:

If auger cuttings (bulk soils generated during the drilling operation) produced during the advancement of the borings to their terminal depth are found to be contaminated, they will be placed in approved drums which will be sealed, labeled, and stored on site prior to disposal which will be conditional upon analytical results.

All water obtained from the development of permanent groundwater monitoring wells will also be placed in approved drums which will be sealed, labeled, and stored on site prior to disposal which will be conditional upon analytical results.

Equipment decontamination procedures during monitor well construction:

Drilling equipment including, but not limited to, samplers, drop hammers, drill rods, plug, augers, etc. will be steam cleaned prior to use in each drilling location.

Sampler and drilling parts not subjected to steam cleaning will be triple rinsed in two tap water immersions and then distilled water after being decontaminated in a solution of an appropriate detergent and water. These rinse waters and the decontamination wash will be contained in the appropriate drums, documented, sealed, and stored prior to the appropriate disposal.



Geotechnical evaluation of subsurface soils:

Soil samples from each major stratigraphic unit will be collected for particle size analysis. The results of these analyses will be tabulated and presented in the Technical Report.

Soil sampling locations and depths during monitoring well installation:

Under the direction of the Field Geologist, soil samples will be acquired from five (5) feet and ten (10) feet below ground surface. Additional samples may be taken either at each change in lithology or at elevations where contamination is obvious by sense of smell. In each boring location the soils encountered will be logged, and these logs will be included in the Technical Report.

Soil sampling methods and equipment:

Soil samples will be acquired by advancing a two (2) inch diameter Modified California or Split Spoon sampler into the soils a minimum of eighteen (24) inches using a one hundred and forty (140) pound hammer dropped thirty (30) inches. Blow counts will be recorded for every one (1) foot segment of the two (2) foot drive, and will be included in the boring logs. Borings will be advanced using truck mounted drilling rigs. LRA Environmental reserves the right to employ other drilling equipment and technologies based upon need and site specific conditions.

The soil samples will be retained in clean brass tubes contained within the sampling device. Those samples, acquired for the purpose of chemical analysis,



will be sealed at both ends with teflon foil sheets and then be sealed with plastic end caps and taped. These samples will then be sequestered in an ice chest containing dry ice.

It is anticipated that two brass liners containing soil will be retrieved during each sampling drive. One of these two liners, a six (6) inches long by two (2.0) inch diameter brass tube containing a portion of soil sample will be remanded to the custody of the analytical laboratory. The contents of the second tube will be analyzed by field methods for volatile organic compounds. This procedure will consist of emptying the contents of the brass tube into a "ziplock" style plastic bag. The bag and its contents will be placed either into direct sunlight or under an alternative heat source for a period of time. The bag will then be pierced and the "headspace" within tested for volatile organic compounds with a portable photoionizing hydrocarbon detection device. Results of the field analysis will be tabulated and presented in the Technical Report.

Any additional samples acquired but not remanded to the custody of the analytical laboratory for chemical analysis will be analyzed by field methods for volatile organic compounds. This procedure will consist of emptying the contents of the brass tube into a "ziplock" style plastic bag. The bag and its contents will be placed into direct sunlight or under an alternative heat source for a period of time, and the bag will be pierced and the "headspace" within tested for volatile organic compound with a portable photoionizing hydrocarbon detection device. Results of the field analysis will be tabulated and presented in the



Technical Report.

Based upon the "headspace" test results and field observations any sample with apparent contamination may be 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 may be analyzed to facilitate assessment of the vertical extent of contamination.

Equipment decontamination procedures:

Decontamination procedures will be the same as those noted in the section of this report that addressed the installation of the monitoring well.

Disposal of contaminated or potentially contaminated materials:

Disposal protocols for materials generated from the sampling procedures will be the same as those set in the well installation section of this workplan.

Quality assurance and control procedures:

Every effort should be made to follow the established sampling, transportation and chain of custody protocols to insure the integrity of the samples in the field and during transport to the laboratory.

Quality assurance and control procedures in the laboratory setting will consist of those measures commonly employed to insure the accuracy and quality of the data generated from the laboratory analysis of the individual soil sample. The minimum quality assurance and control procedures for this investigation will consist of spike analysis and duplicate analysis. Quality assurances and control reports will be required from the laboratory for all samples that are analyzed and



will be included in the Technical Report.

GROUNDWATER SAMPLING

Temporary Groundwater Monitoring Wells

Each temporary groundwater monitoring well will be drilled to a depth of five (5) feet below the first groundwater encountered. A two (2) inch PVC screen will be inserted into the boring through the hollow stem auger. The auger will then be removed and the PVC screen will be left in place in order to maintain the opening into the aquifer. The temporary well will then be left for a period of time to stabilize and allow sediment in the water column to settle. A clear acrylic bailer will then be used to extract a sample of the water to be collected for laboratory analysis. The sample in the bailer will also be inspected for visible and/or olfactory evidence of contamination. After the water sample has been collected, the PVC will be extracted and the well boring will be backfilled with a neat cement slurry. All decontamination procedures previously described will be employed between each temporary well boring in order to prevent cross-contamination between wells.

Permanent Groundwater Monitoring Wells

If it is deemed necessary to install permanent groundwater monitoring wells on the property, all wells will be constructed in conformance to prevailing ASTM standards. This will include four (4) inch PVC casing surrounded by an



appropriately sized filter pack, topped by a bentonite plug and a neat cement slurry. The wells will then be rendered tamper-proof by the placement of a steel locking cover that is designed to allow a smooth flow of traffic.

Well site placement will be determined based upon the findings of a comprehensive soil/water contamination investigation in conjunction with the recommendations of the Alameda County Health Department. The depths of the wells will be determined in order to accommodate the development, sampling, and extraction of water from the groundwater aquifer.

Observation of free product, odor, or sheen:

The water level in each well will be measured using mean sea level datum as determined by available local monuments.

After the depth to water in each monitoring well has been established, and prior to purging the well, a water sample will be collected in a clear acrylic bailer. The sample will be visually assessed for the presence of free product and/or sheen. The sample will be assessed for the presence of detectable odor by sense of smell and will also be measured for pH, temperature, and specific conductivity.

Water and product level:

Determination of the methods used to measure the water level will be made after the well is complete and the appropriate technology can be ascertained. Water level measurements, regardless of the technology used to establish depth,



will be made to the nearest 1/10th of a foot. Product level will have been ascertained by use of a clear acrylic bailer as noted in the previous section. Depth to water and level of product data will be tabulated and included in the Technical Report.

Purging procedures:

The appropriate purging equipment will be decided upon after completion and development of any permanent monitoring well. After the depth of water has been established, the wetted casing volume will be determined. A minimum of five (5) wetted casing volumes will be pumped from the well. Water quality parameters include PH, temperature, and specific conductivity will be monitored for every casing volume purged. The well will be considered stable when three (3) consecutive well casing volumes are purged that exhibit the characteristics outlined below.

pH: plus or minus 0.1

Temperature: plus or minus 0.5 degrees fahrenheit

Specific conductivity: plus or minus 1.0%

The exact pieces of monitoring equipment which will be employed on this project will likely not be selected until immediately prior to the dispatch of the sampling crews; technical data addressing the accuracy of the equipment cannot be provided at this time. Technical data addressing the accuracy and sensitivity of the monitoring equipment may be included in the technical and/or semi-annual



monitoring reports if the regulatory agencies involved deems such data to be necessary.

The water level in the monitoring well will be 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.

Sample collection equipment and procedures:

Water samples will be obtained with a clean bailer, and placed in the appropriate sample containers prepared and provided by the analytical laboratory. The samples will be acidified to the appropriate PH in order to assure preservation.

Sample shipping procedures:

Samples acquired from the monitoring well will be delivered directly to the laboratory within twenty four (24) hours after collection. The chain of custody form that will be utilized for this investigation appears in the Appendix section of the workplan.

Equipment decontamination procedures:

Sampling equipment such as bailers, pumps etc. will be 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 will be decontaminated prior to each use by steam cleaning all exterior faces, fittings etc. The pump interiors will be decontaminated by circulating an appropriate detergent solution through the pump, followed by a fresh water rinse.



Disposal of contaminated material

Disposal methodologies have been noted in previous sections of this workplan. There will be no divergence from those methods for this portion of the work.

Quality assurance/Quality control procedures:

Quality assurance and control procedures will incorporate the use of "blanks" as mandated by the prevailing standards or care for investigations of this type. Laboratory quality assurance and control procedures will be typical of those used to meet all state and federal mandates. At a minimum, quality assurance and control measures in the laboratory setting will include duplicate, spike, and standard reference sample (when applicable) analysis.

STATEMENT OF FINDINGS (RESULTS)

Lab analysis:

Results of the laboratory analysis will be included in the Technical Report.

Interpretation of data:

Interpretations of data will be presented in such a manner so as to satisfy the requirements of the Alameda County Health Department.

CONCLUSIONS

LRA Environmental will draw conclusions as to the condition of the site, extent of contamination, or other issues based upon review of the data obtained through the implementation of this workplan. Data to be provided for review are to include as-built plans of the monitoring wells as well as geologic logs of all borings.



RECOMMENDATIONS FOR SUBSEQUENT ACTIONS

LRA Environmental will make recommendations based upon the review of the data developed through the implementation of this workplan, and in accordance with the applicable local, state, and federal regulations.

PROPOSED SCHEDULE OF IMPLEMENTATION

Submission of workplan:

Per the agreement that exists between A.C.H.D (Alameda County Health Department) and L.R.A. Engineering, a draft copy of the workplan will be presented to the A.C.H.D. before the construction of any permanent groundwater monitor wells.

Permit application:

The application process required to obtain the appropriate construction and well drilling permits should commence concurrently with the submission of the draft workplan.

Drilling and well construction:

It will be necessary to arrange through Dolan Foster Enterprises, measures to mitigate, insofar as possible, any conflicts that may arise as a result of the drilling operations. Consequently, drilling, well installation, acquisition of soil samples and other related work will commence within a maximum of thirty-five (35) working days after acquisition of the construction and well drilling permits.

Issuance of analytical results:

Samples of soil and groundwater will be remanded to the custody of the analytical laboratory within twenty-four (24) hours of acquisition. Turnaround time



for the actual analysis will be twelve (12) working days from the date of receipt of the samples by the laboratory. Written reports from the laboratory will follow in as timely a manner as possible.

Semi Annual Monitoring Reports:

Pursuant to State of California Guidelines, frequency of groundwater monitoring subsequent to the initial sampling and analytical protocols will be established by the lead agency; in this case the A.C.H.D.

If required, semiannual monitoring reports shall be submitted to the A.C.H.D. by the 15th day of the month following the calendar quarter in which the samples were taken or observations made. Should subsequent monitoring be mandated, the ground water surface elevation (in feet and hundredths, M.S.L.) in the well shall be measured and used to determine any changes in elevation of ground water surface. This information shall be displayed in a tabular form so as to characterize any elevation changes. The results of any monitoring done more frequently than required at the location of the monitoring well shall be reported to the A.C.H.D. in as timely a manner as possible.

Issuance of the Technical Report:

The Technical Report will be compiled and published in a minimum of forty-five (45) working days after the geotechnical and analytical procedures are completed for ALL soil and water samples acquired as the result of the implementation of this workplan and the construction of the monitoring wells.



29 January 1992
Our Job Number: E9170
Page 18

The Technical Report will be formatted in accordance with California Regional Water Quality Control Board requirements unless otherwise instructed by the A.C.H.D.



PART II

SUMMARY REPORT

OF

LEAKING UNDERGROUND FUEL TANK INVESTIGATION





March 2, 1992

LRA ENVIRONMENTAL

3235 SUNRISE BOULEVARD, SUITE E
RANCHO CORDOVA, CA 95742
PHONE 916/631-4455

FAX 916/631-4466

PART II

SUMMARY REPORT
OF
LEAKING UNDERGROUND FUEL TANK INVESTIGATION

TACO BELL
1900 WEBSTER STREET
ALAMEDA, ALAMEDA COUNTY, CALIFORNIA
LRA ENVIRONMENTAL JOB NUMBER E-9170

INTRODUCTION:

This portion gives a summary of the work performed in the investigation of the underground fuel leak. All work performed in this investigation complies to the standard of work outlined in the Investigation and Monitoring Workplan. This investigation was precipitated by the discovery of odorous and discolored soil during geotechnical soil sampling for the proposed new construction on this property.

SITE HISTORY

An overview of the site history can be found in the workplan section of this report. It contains information regarding previous owners and gasoline storage tank placement and removal. It also contains information regarding the purposes for this LUFT¹ investigation.

FIELD INVESTIGATION

On December 19, 1991 and again on January 21, 1992, LRA ENVIRONMENTAL performed a site environmental investigation at the Taco Bell located at 1900 Webster Street in Alameda, California. 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 (20) feet and none were shallower than eight (8) feet. The borings were placed in accordance with The Tri-Regional Guidelines for Leaking Underground Tank Investigations 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). Soil borings E-1 through E-13 and E-18 had terminal depths of ten (10) feet. Borings E-14 through E-17 had terminal depths of fifteen (15) feet and were then converted into temporary groundwater monitoring wells. Samples

¹Leaking Underground Fuel Tank



February 19, 1992
Our Job Number E9170

of water from each temporary groundwater wells were then acquired for laboratory analysis.

Method of Procedure

All borings were drilled using a Mobile B-53 drilling rig and 4 inch inside diameter hollow stem augers. Neither drilling fluid nor air were used to aid the drilling process. Where possible, undisturbed soil samples were taken using a two (2) inch Modified California split spoon sampler and blow counts were taken in order to determine the soil density. All soil samples were retained in two (2) inch by six (6) inch brass tubes to maintain the undisturbed nature of the sample. All soil samples were sealed and retained for analysis. The graphic log of borings, together with drive blow record showing the number of blows required to drive the sampler each foot or portion thereof is shown on the profile sheet for each well (plates #4 - #9). The Soil Profile Legend is shown on plates #10 and #11.

Drilling Results

Eighteen (18) exploratory holes were drilled in the subject site. All boring sites were chosen so as to effectively ascertain the horizontal and verticle extent of the soil contamination. Each boring was checked for evidence of contamination and a log of the soils encountered was prepared.



February 19, 1992
Our Job Number E9170

Visual classification of the soils encountered in E-1 through E-13 and E-18 indicate that the soil types encountered were similar. These soil types are summarized as follows:

- | | |
|---------------------|---|
| 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 E-18 exhibited soil discoloration from two (2) feet to five (5) feet below the surface. A distinct odor was detected in all samples taken from the two (2) feet to six (6) foot discolored section of the soil column. The odor ranged from slight to heavy and was easily detectable by sense of smell. Borings E-8 through E-13 exhibited the same discolored soil but in a thinner layer from two (2) feet to three and a half (3.5) feet below the surface. No odor was detectable in these borings.

Borings U-14 through U-17 were terminated at a depth of 15 feet. Geologic logs show the soils encountered in these three (3) borings to be much the same as borings E-1 through E-13. They are summarized as follows:

- | | |
|--------------------|---|
| 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 |



February 19, 1992
Our Job Number E9170

The geologic log of boring U-17 was the same as those previously mentioned except for the fact that no discoloration was observed in any of the soils encountered. Boring U-16 was the only exploratory hole in this series to exhibit a detectable odor and what may possibly have been a visible sheen on the water extracted for laboratory analysis.

Groundwater was encountered at approximately twelve (12) feet.

Water Sampling Procedure

In order to sample the groundwater in U-14 through U-17, 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 10 foot section of two (2) inch I.D.,020 slotted PVC and 5 feet of blank two (2) inch PVC. All PVC was decontaminated before being placed into the well annulus. Water samples were retrieved from the well with a decontaminated 2 inch acrylic bailer and placed into laboratory approved 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 were taken at the time of sample acquisition. A visible sheen was observed in one sample (U-16). No odors were detected in any of the water samples.

After the water had been sampled, all wells were filled with a neat grout that consisted of 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 pathway into the aquifer.



Tabulation of Field Gas Analysis

During the drilling and sampling of borings E1 - E4, a photo-ionizing hydrocarbon detector (H-nu, model PI 101) was used to test for any volatile organic compounds that might be encountered. The leading portions of each soil sample collected from borings E-1 through E-4 were placed into a sealable zip-lock bag and the "headspace" in the bag was then measured to reveal the amount of volatile gases in the sample. 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:

<u>Depth</u>	<u>E1</u>	<u>E2</u>	<u>E3</u>	<u>E4</u>
0 - 5 ft.	44	44	ND	55
5 - 10 ft.	45	47	ND	59

ND = Not detectable NA = Not Applicable

SOIL AND WATER QUALITY ANALYSIS

All soil and water samples were collected and stored according to prevailing quality control protocols. This was done in order to assure the integrity of the water and soil quality analysis. A summary of this analysis is provided in table #1. A copy of the entire analysis is presented in exhibit #1.

STATEMENT OF FINDINGS

Water from wells E-14 through E-17 were collected for analysis. Soil samples from all 18 borings were collected however only those samples that



February 19, 1992
Our Job Number E9170

exhibited high potential for contamination were analyzed. All samples were checked for visual and olfactory evidence of contamination. A layer of silty sand that exists from three (3) to five (5) feet below the ground surface, was noted to be blackish gray in color. A faint odor was also present in the discolored sand strata. This could be evidence of possible contamination. Chemical analysis of the water and soil revealed that samples from five (5) borings contained varying levels of contamination. Highest levels were found in the soil samples from borings E4, E6, and U14. Water contamination was found in the sample from boring U14. This was the only water sample that contained suspect levels of hydrocarbon impurities.

Based upon the chemical analysis and locations of all soil and water samples it would appear that a localized area of the property has been impacted by a leakage of gasoline. This area includes that portion of the site beginning forty (40) feet from the south-west property corner, thence northward sixty (64) feet, thence eastward in an arc with a radius of thirty two (32) feet back to the point of beginning. This study area resides exclusively on property owned by Dolan Foster Enterprises and does 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 (8) to nine (9) feet below 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 has not prevented contaminants from entering the groundwater in the area of boring U14.

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

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 not high 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 contaminants that exists in the soil. This hypothesis seems to be the more probable of the two.



RECOMMENDATIONS

It would be to the best interests of all parties involved to remediate the contaminated soil problem as soon as possible. This would allow for the construction of the proposed new Taco Bell building as well as helping to mitigate the contaminated groundwater problem.

It is our recommendation that the soil inside the perimeter of the contaminated portion of the property as depicted on plate #2 be removed and spread out on site to allow for the aeration and venting of the hydrocarbons. Once aerated, the contaminated soil should be removed and remanded to the custody of an authorized hazardous waste repository. A geologist should oversee the removal operation in order to define what soils are contaminated and should be removed.

After the removal of the contaminated soil, the excavated area should be backfilled with a clean engineered fill. All fill should be placed in lifts of no more than twelve (12) inches and each lift compacted to ninety five (95) percent of the maximum dry density of the material being used as backfill.

After removal and replacement of the backfill is complete, a feasibility study should be done in order to evaluate the best appropriate method that would mitigate the water contamination problem. The study and installation of the appropriate groundwater cleanup equipment would begin after the soil cleanup process has been finished.

At times the property owner may want to install equipment to remove free



February 19, 1992
Our Job Number E9170

recommendations proposed in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. Test findings and statements of professional opinion do not constitute a guarantee or warranty, expressed or implied. To the best of our knowledge, all findings and conclusions of this report are true and correct.

SIGNATURE STATEMENT

This workplan/summary report has been prepared by the staff of LRA ENVIRONMENTAL and has been reviewed and approved by the "professionals" whose signatures appear on the next page.

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 workplan was prepared, and are true and correct to the best of our knowledge. This workplan 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.



February 19, 1992
Our Job Number E9170

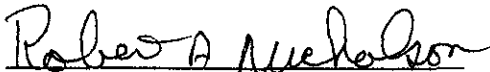
SIGNATURE PAGE

Prepared by:

For:

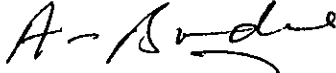


LRA ENVIRONMENTAL
Mike Miles
Staff Geologist



LRA ENVIRONMENTAL
Robert Nicholson, Vice President
REA No. 01326

Reviewed by:



LRA ENVIRONMENTAL
Ahmad Badie, Ph.D.
Civil Engineer RCE No. C037861

[epa\e9170.rpt]



APPENDIX A





SUBJECT SITE

TACO BELL

1900 WEBSTER
ALAMEDA, CALIFORNIA

VICINITY MAP



LRA ENVIRONMENTAL

3235 SUNRISE BLVD, STE 5
RANCHO CORDOVA CA 95742

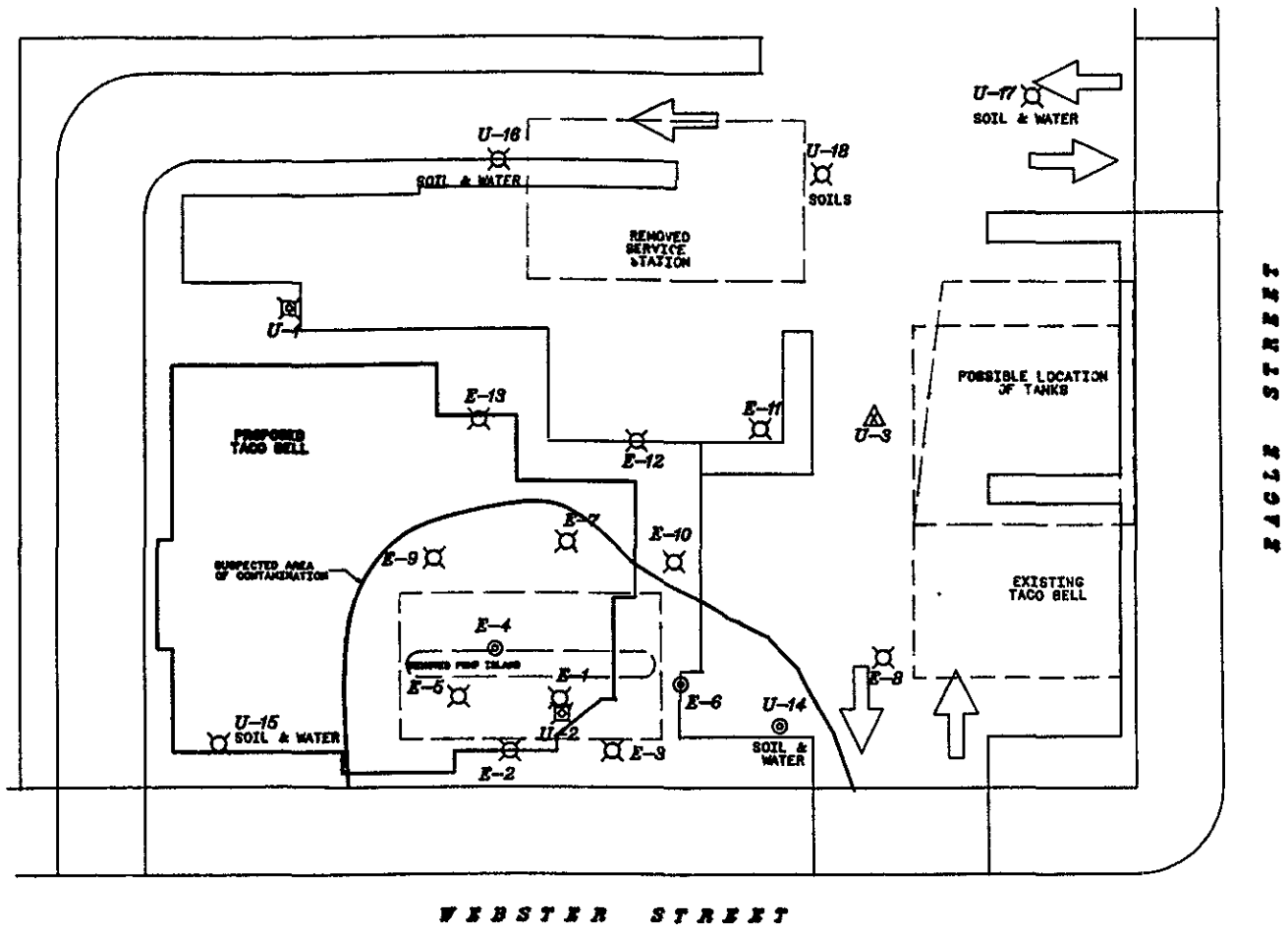
DATE 7 FEB 92

DRWG. NO. E-9170-1

PLATE NUMBER 1

NOT TO SCALE



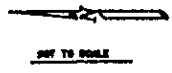


WEBSTER STREET

RAGLE STREET

LEGEND

- ⊗ EXPLORATORY BORINGS-DESIGNATED "E"
- △ GEOTECHNICAL 1 DRIVE BORINGS-DESIGNATED "U"
- ⊗ GEOTECHNICAL 3 DRIVE BORINGS-DESIGNATED "U"
- ⊙ EXPLORATORY BORINGS-CONTAMINATED-DES. "E"
- EXISTING STRUCTURE
- SERVICE STATION STRUCTURES
- PROPOSED NEW STRUCTURE



TACO BELL ALAMEDA
 1900 WEBSTER STREET
 ALAMEDA, CALIFORNIA

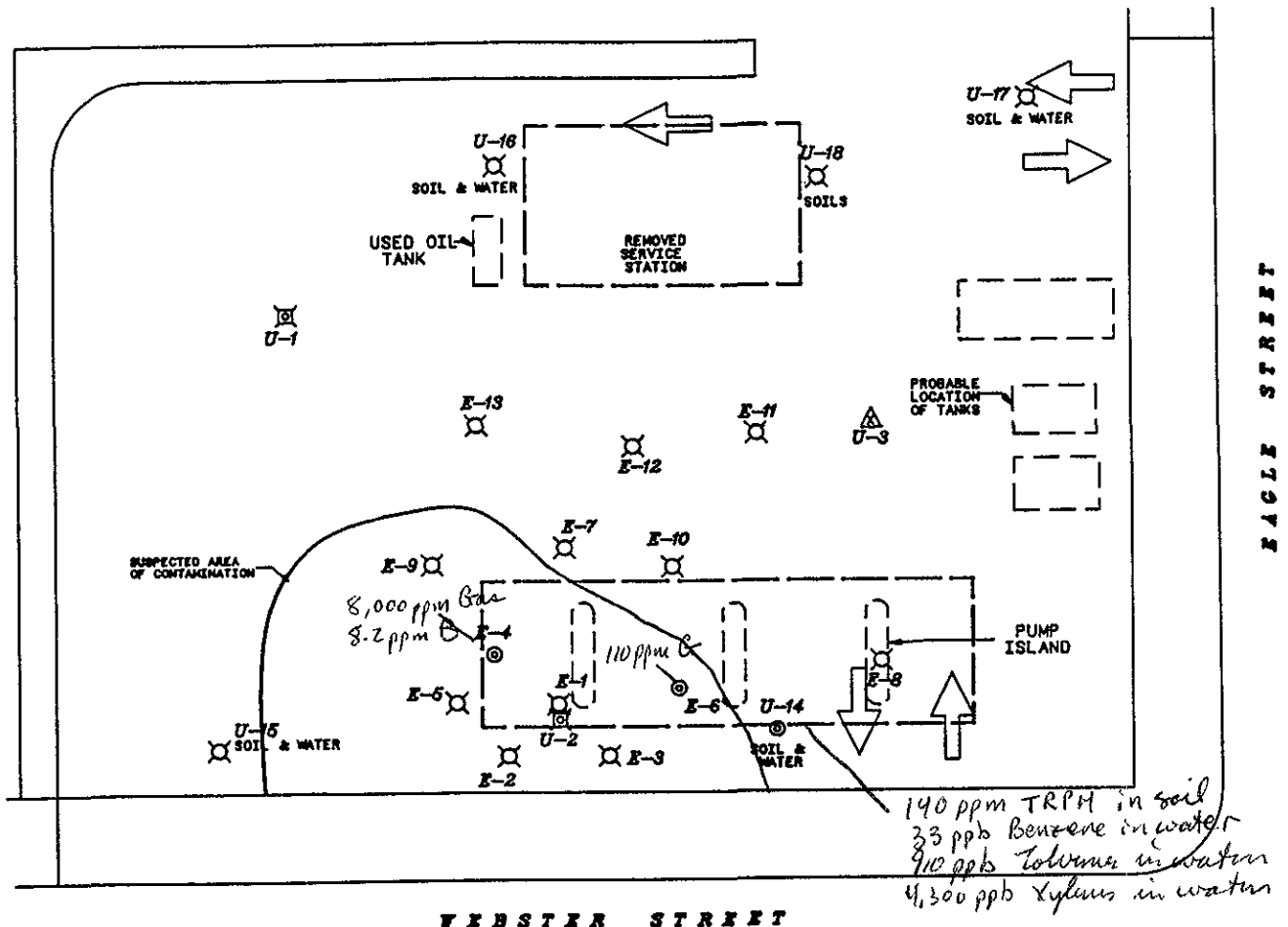
LOCATION MAP



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

DATE 5 FEB 92
 DRWG. NO. E9170-1

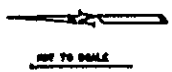
PLATE NUMBER 2



NOTE
 LOCATION OF FORMER BUILDING AND TANK SITES TAKEN FROM SITE MAPS DRAWN IN THE YEARS 1951 AND 1966 PER THE EXXON COMPANY, U.S.A. IN CONCORD, CA.

B = Benzene

- LEGEND**
- ⊗ EXPLORATORY BORINGS-DESIGNATED "E"
 - △ GEOTECHNICAL 1 DRIVE BORINGS-DESIGNATED "U"
 - ⊗ GEOTECHNICAL 3 DRIVE BORINGS-DESIGNATED "U"
 - ⊙ EXPLORATORY BORINGS-CONTAMINATED-DES. "E"
 - FORMER TANK LOCATIONS
 - LOCATION OF FORMER STRUCTURES



TACO BELL ALAMEDA
 1900 WEBSTER STREET
 ALAMEDA, CALIFORNIA

LOCATION MAP

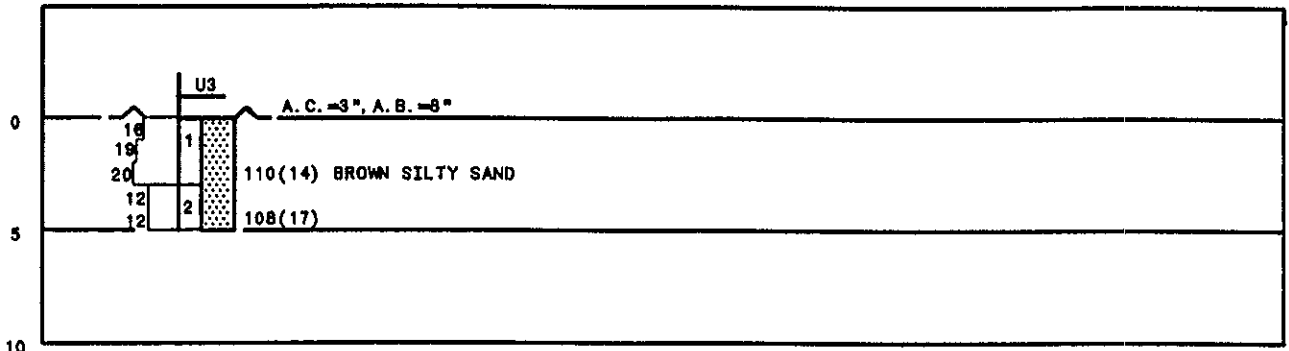
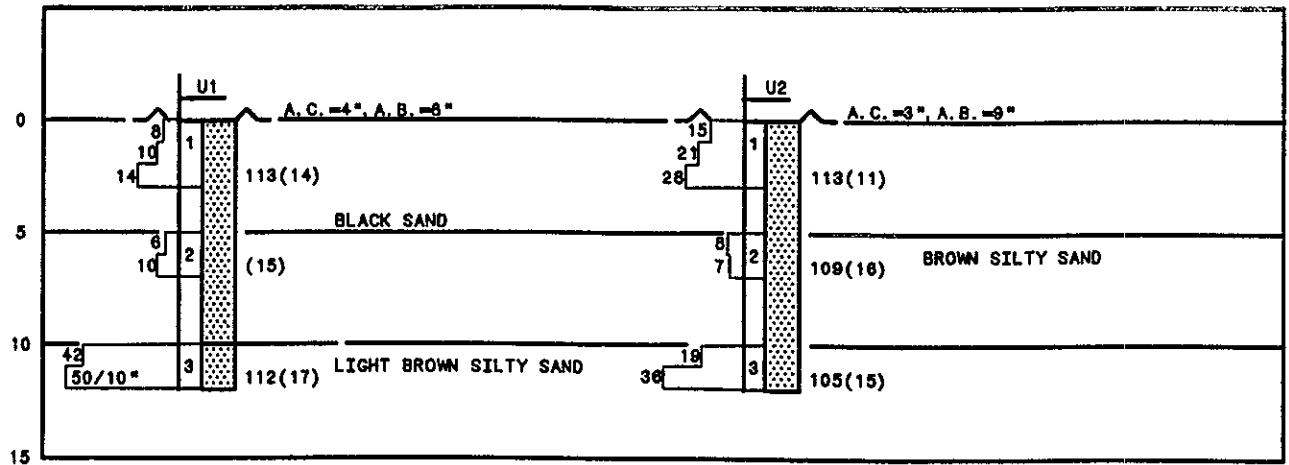
LRA ENVIRONMENTAL
 3235 SUNRISE BLVD, STE 5
 RANCHO CORDOVA CA 95742

DATE 6 MAR 92
 DRWG. NO. E9170-1

PLATE NUMBER 2A



DEPTH IN FEET



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

TACO BELL ALAMEDA
GEOTECHNICAL SOIL PROFILE
LRA ENVIRONMENTAL

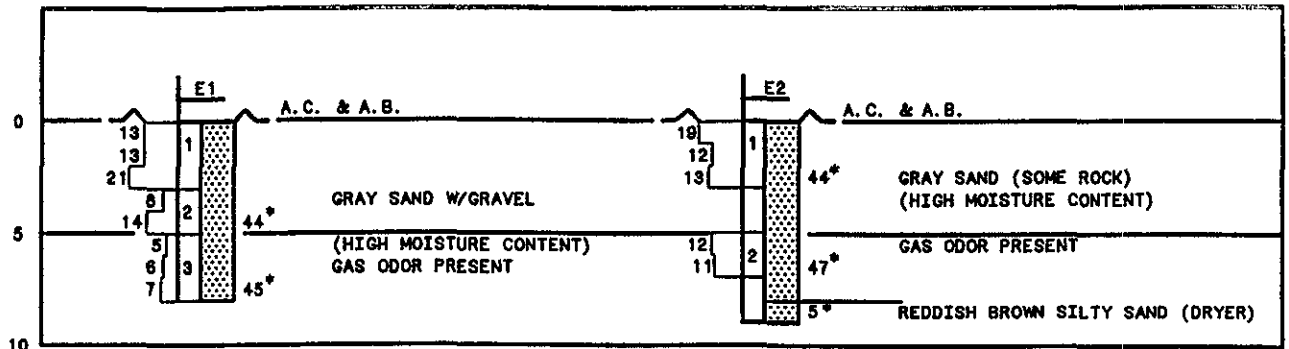
DATE 7-JAN-02
 DRWG. NO. E9170-2

PLATE NUMBER 3

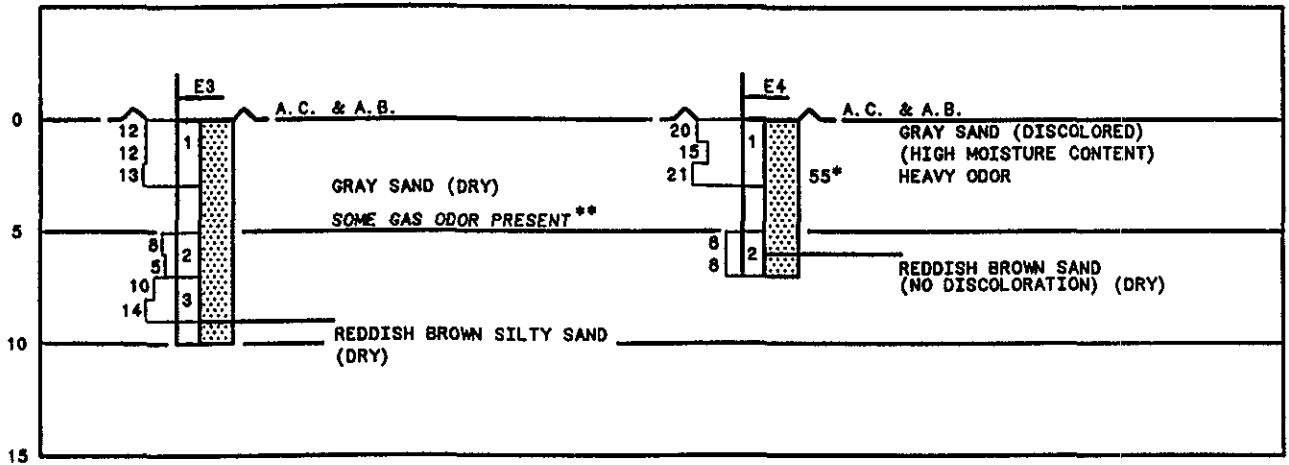
The lines designating the interface between types of soils on the soil profiles are determined by interpolation and are therefore approximations. The transition between the materials may be abrupt or gradual. Only at the boring locations should profiles be considered as reasonably accurate.



DEPTH IN FEET



* H-NU READING—RELATIVE SCALE 0-200



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

SCALE
50 40 30 20 10 0
BLOW PER FOOT

TACO BELL ALAMEDA

SOIL PROFILE

LRA ENVIRONMENTAL

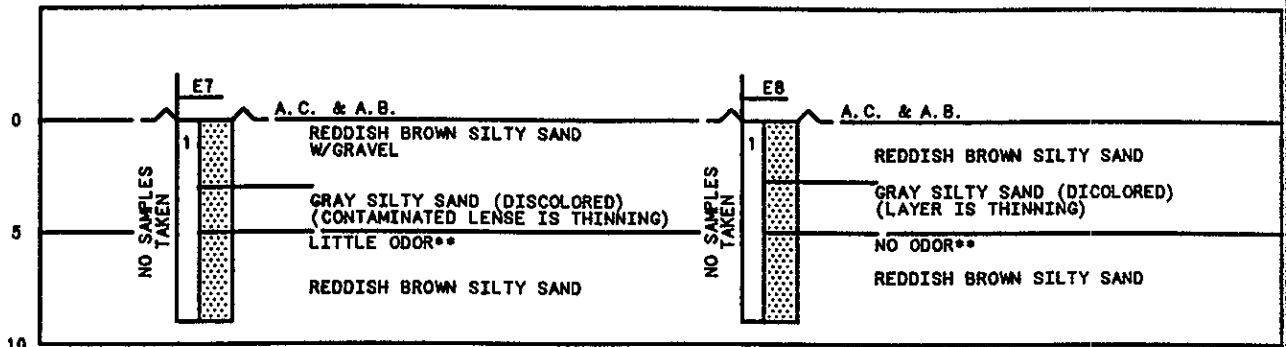
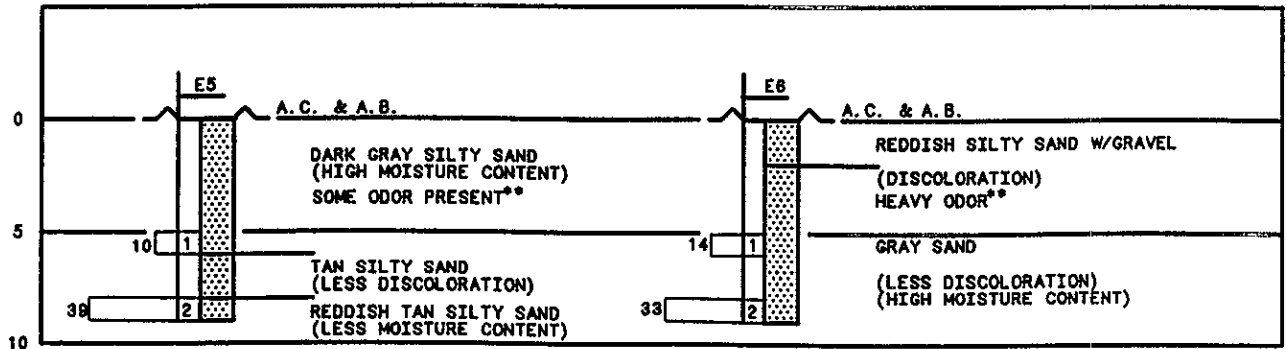
DATE 7-JAN-82
DRWG. NO. E9170-2

PLATE NUMBER 4

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.



DEPTH IN FEET



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

SCALE
 50 40 30 20 10 0
 BLOWS PER FOOT

TACO BELL ALAMEDA	
SOIL PROFILE	
LRA ENVIRONMENTAL	

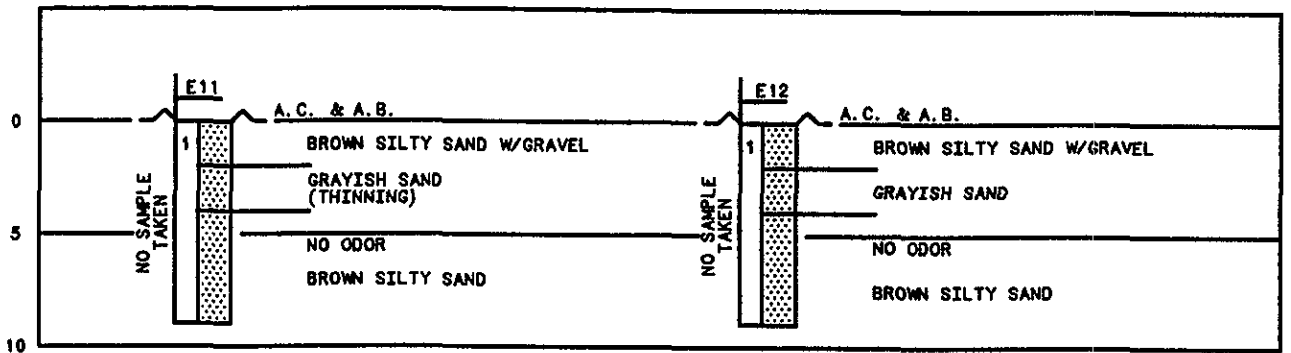
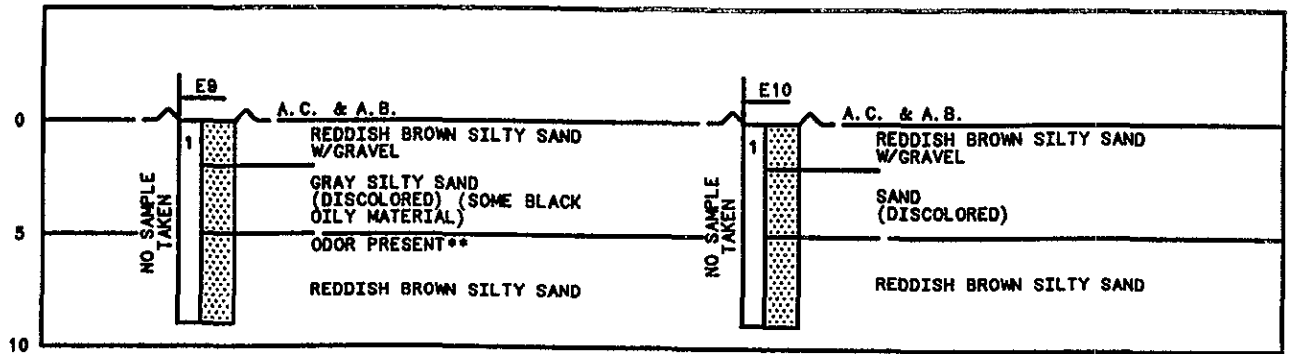
DATE 7-JAN-92
 DRWG. NO. E8170-2

PLATE NUMBER 5



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.

DEPTH IN FEET



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

SCALE
 50 40 30 20 10 0
 BLOWN PER FOOT

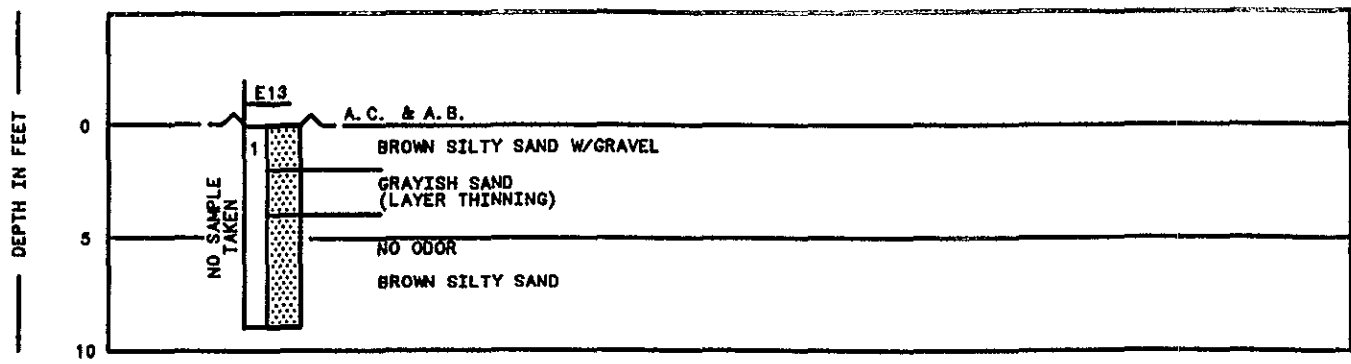
TACO BELL ALAMEDA	
SOIL PROFILE	
LRA ENVIRONMENTAL	

DATE 7-JAN-92
 DRWG. NO. E9170-2

PLATE NUMBER 6



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.



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

TACO BELL ALAMEDA

SOIL PROFILE

LRA ENVIRONMENTAL

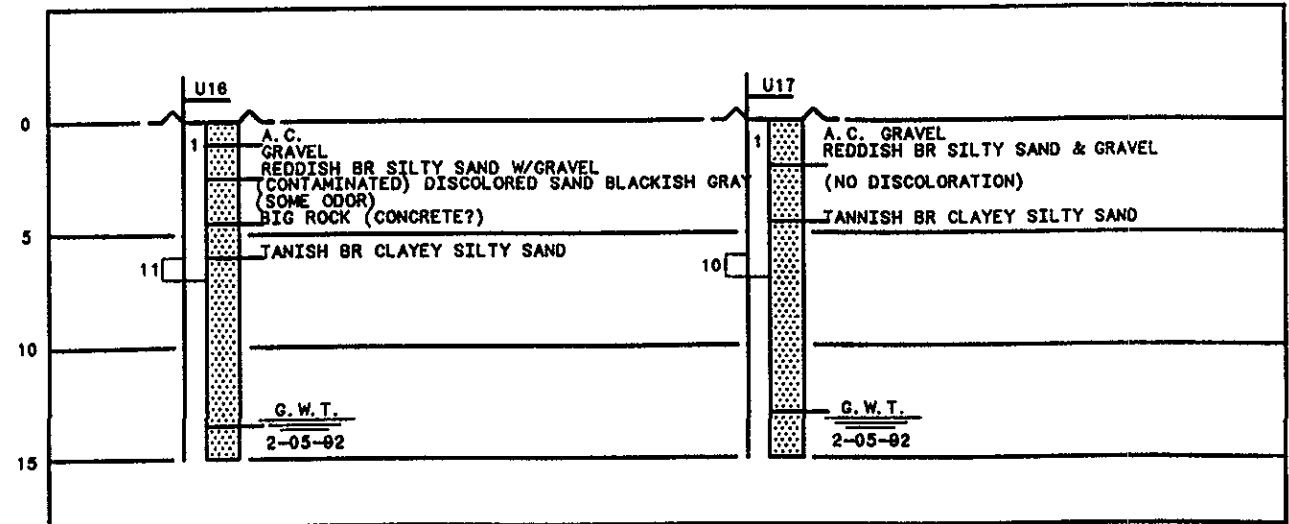
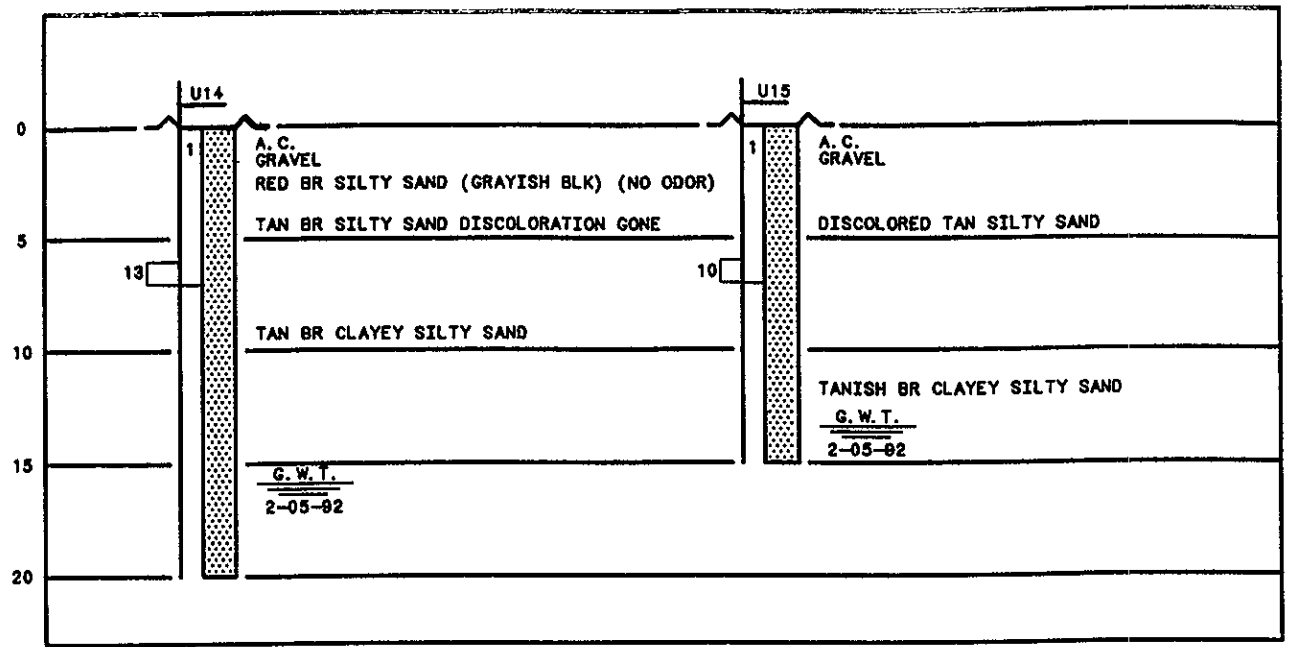
DATE 7-JAN-02
DRWG. NO. E9170-2

PLATE NUMBER 7



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.

DEPTH IN FEET



SCALE
50 40 30 20 10 0
BLOWS PER FOOT

TACO BELL ALAMEDA

SOIL PROFILE

LRA ENVIRONMENTAL

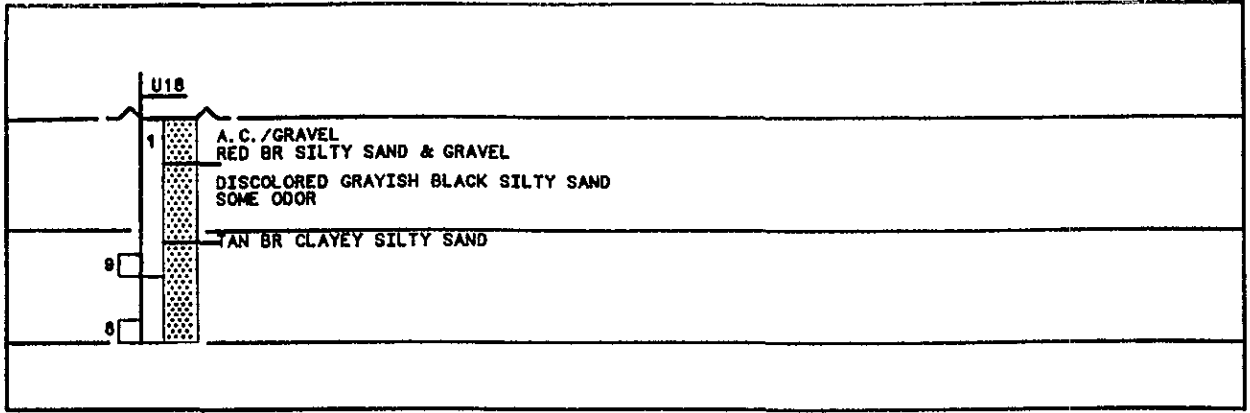
DATE 5-FEB-82
DRWG. NO. E9170-7

PLATE NUMBER 8

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.



DEPTH IN FEET



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.

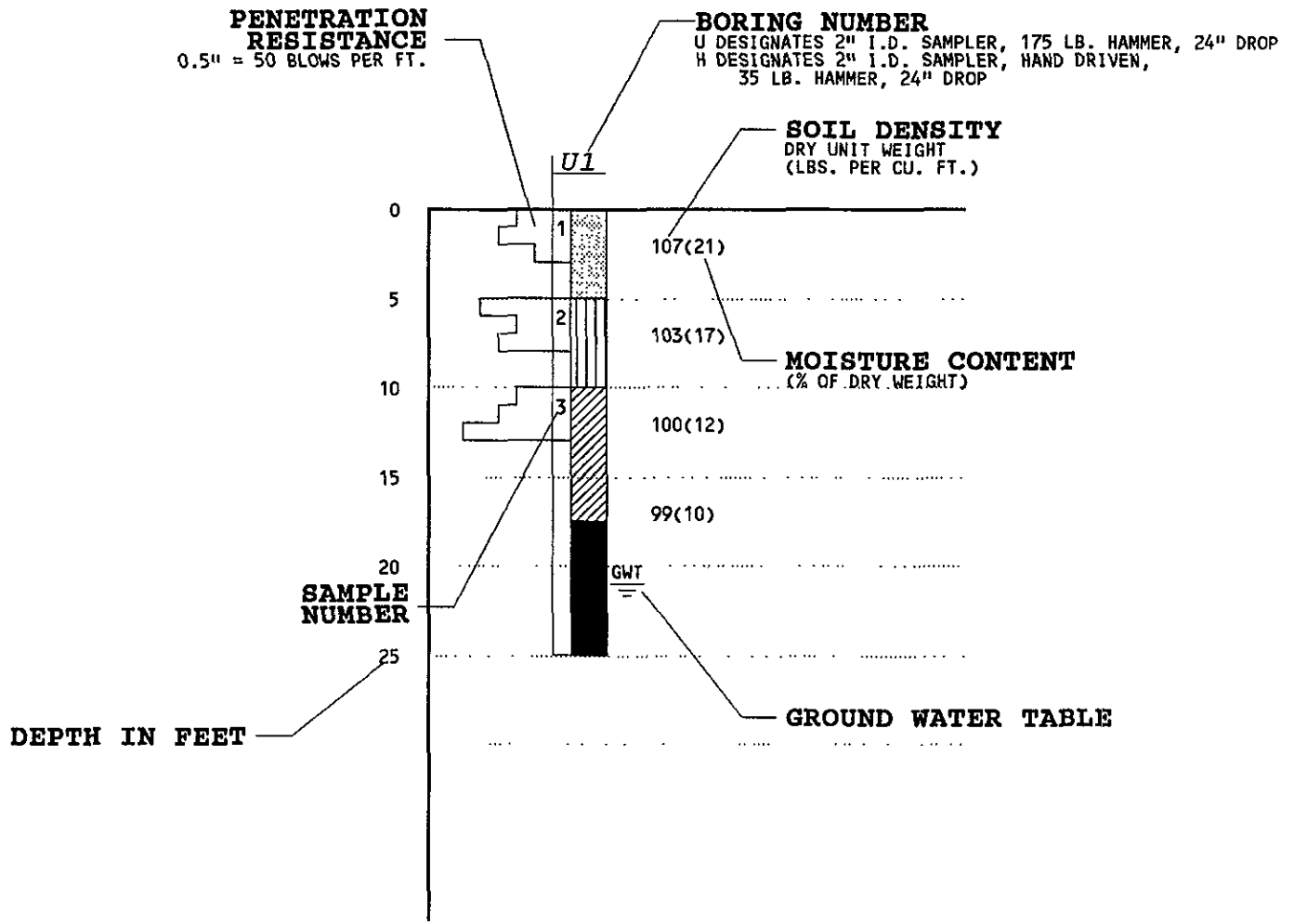
TACO BELL ALAMEDA
SOIL PROFILE
LRA ENVIRONMENTAL

DATE 5-FEB-92
DRWG. NO. E8170-9





PLATE NUMBER 9



SOIL PROFILE LEGEND



CLASSIFICATION OF SYMBOLS:

-  SANDS, GRAVELLY SANDS
-  INORGANIC SILTS
-  INORGANIC CLAYS
-  ORGANIC MATERIAL AND DEBRIS

TACO BELL 1900 WEBSTER ALAMEDA, CALIFORNIA	
KEY TO BORING LOGS PAGE 1	
LRA ENVIRONMENTAL 3235 SUNRISE BLVD STE 5 RANCHO CORDOVA, CALIFORNIA	
DATE: 02/07/92	RCE NO.: CE 37861
DRWG. NO.: E-9170-4	

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 strength 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.

TACO BELL 1900 WEBSTER ALAMEDA, CALIFORNIA	
KEY TO BORING LOGS PAGE 2	
LRA ENVIRONMENTAL 3235 SUNRISE BLVD STE 5 RANCHO CORDOVA, CALIFORNIA	
DATE: 02/07/92	RCE NO.: CE 37861
DRWG. NO.: E-9170-5	

Unified Soil Classification System (ASTM D-2487)

TABLE #1

SUMMARY OF ANALYTICAL RESULTS

SAMPLE #	MATRIX	BTEXB ¹	BTEXT ²	BTEXE ³	BETXX ⁴	TPHD ⁵	TPHK ⁶	TRPH ⁷	TTLC ⁸	STLC ⁹	TFH ¹⁰
E1-3-II	Soil	ND							ND		ND
E2-2-II	Soil	ND							ND		ND
E4-1-II	Soil	8.2	200	110	760				ND		8000
E6-1-I	Soil	ND	3.8	2.2	22.0				ND		110
U14-A	Water					ND	2.0	3.0	ND		
U15-A	Water					ND	ND	ND	ND		
U16-A	Water					ND	ND	18	ND		
U17-A	Water					ND	ND	ND	ND		
U14-B-D	Water	33	910	670	4300						26

¹Benzene

²Tolulene

³Ethylbenzene

⁴Xylene

⁵Total Petroleum Hydrocarbons; Diesel

⁶Total Petroleum Hydrocarbons; Kerosene

⁷Total Recoverable Petroleum Hydrocarbons; Method 418.1 for Oil & Grease

⁸Total Threshold Limit Concentration; Total Lead

⁹Soluable Threshold Limit Concentration; Wet Lead

¹⁰Total Fuel Hydrocarbons Gasoline EPA Method 5030

SUMMARY OF ANALYTICAL RESULTS (CONT'D)

SAMPLE #	MATRIX	BTEXB ¹	BTEXT ²	BTEXE ³	BETXX ⁴	TPHD ⁵	TPHK ⁶	TRPH ⁷	TTL ⁸	STLC ⁹	TFH ¹⁰
U15-B-D . . .	Water	ND									ND
U16-B-D . . .	Water	ND									ND
U17-B-D . . .	Water	ND									ND
U14-1-I	Soil	ND				ND	ND	140		ND	ND
U15-1-I	Soil	ND				ND	ND	ND		ND	ND
U16-1-I	Soil	ND				ND	ND	ND		ND	ND
U17-1-I	Soil	ND				ND	ND	ND		ND	ND
U18-1-I	Soil	ND				ND	ND	ND		ND	ND
U18-2-I	Soil	ND				ND	ND	ND		ND	ND

All quantities represent parts per million [epa metals.frm]

¹Benzene

²Toluene

³Ethylbenzene

⁴Xylene

⁵Total Petroleum Hydrocarbons; Diesel

⁶Total Petroleum Hydrocarbons; Kerosene

⁷Total Recoverable Petroleum Hydrocarbons, Method 418.1 for Oil & Grease

⁸Total Threshold Limit Concentration; Total Lead

⁹Soluble Threshold Limit Concentration; Wet Lead

¹⁰Total Fuel Hydrocarbons Gasoline EPA Method 5030

APPENDIX B

Advance Title Research

Dolan Foster Enterprises
Attention: Craig Brandt
25546 Seaboard Lane
Hayward, California 94545

CHAIN OF TITLE REPORT

Effective Date: January 6, 1992

Fee: \$750.00

Order No.: 119710

According to those Public Records which, under the recording laws, impart constructive notice of matters relating to the interest, which was acquired by:

Dolan Foster Enterprises, a California corporation

pursuant to a Grant Deed in and to the land described as follows:

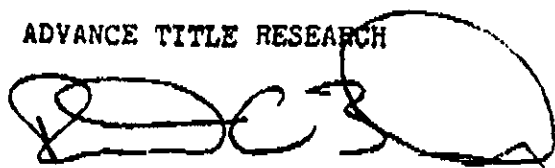
All that real property in the City of Alameda, County of Alameda, State of California, described as follows:

Lots 5 and 6, Block E, Map of the Shepardson Property, filed September 11, 1878, in Map Book 2, Page 48, Alameda County Records.

Commonly Known As : 1912 Webster Street
Alameda, California
Tax Parcel No. : 073-0426-013

Only the following matters affecting the ownership appear in such records subsequent to January 1, 1921 and are attached hereto and shown on EXHIBIT A.

ADVANCE TITLE RESEARCH



Robert C. Burke
President

EXHIBIT A

1. E.O. Cochrane and Mary J. Cochrane acquired title to said lands prior to January 1, 1921.
 2. **DEED OF GIFT**
Dated : October 5, 1925
Grantor : E.O. Cochrane
Grantee : Mary J. Cochrane
Recorded : October 16, 1925, Instrument No. U-84990, Book 1099, Page 401
 3. **EXECUTORS DEED**
Dated : February 17, 1941
Grantor : Stanislaus Riley, Executor of the Estate of Mary J. Cochrane, Deceased
Grantee : George F. Goerl and Tessie Goerl, his wife
Recorded : March 19, 1941, Instrument No. OO-14875, Book 4019, Page 390
 4. **ADMINISTRATRIX DEED**
Dated : May 19, 1941
Grantor : Tessie S. Goerl, Administratrix of the Estate of George F. Goerl, Deceased
Grantee : Harold J. Goldbaum and Earl D. Gay, as to an undivided 1/2 interest
Recorded : May 29, 1941, Instrument No. OO-29642, Book 4086, Page 116
 5. **GRANT DEED**
Dated : May 19, 1941
Grantor : Tessie S. Goerl, a widow
Grantee : Harold J. Goldbaum and Earl D. Gay, as to an undivided 1/2 interest
Recorded : May 29, 1941, Instrument No. OO-29643, Book 4086, Page 117
 6. **DECREE OF DISTRIBUTION**
Dated : December 29, 1950
Grantor : Harold J. Goldbaum, Deceased
Grantee : Frances S. Goldbaum, as to an undivided 1/2 interest
Recorded : January 24, 1951, Instrument No. AF-6781, Book 6342, Page 593
 7. **MEMORANDUM OF LEASE**
Dated : April 14, 1966
Lessor : Earl D. Gay and Frances Goldbaum
Lessee : Signal Oil Company, a corporation
Recorded : June 16, 1966, Instrument No. AY-74111, Reel 1788, Page 581
- ASSIGNMENT OF LESSEE'S INTEREST IN LEASE**
Dated : March 29, 1967
Assignee : Humble Oil & Refining Company, a Delaware corporation
Recorded : April 14, 1967, Instrument No. AZ-33975, Reel 1947, Page 202

Continued on Page 3

EXHIBIT A (CONTINUED)

8. **GRANT DEED**

Dated : September 22, 1970
Grantor : Frances S. Goldbaum, a widow
Grantee : Frances S. Goldbaum, as to a Life Estate and Grace Ann Smith,
as to the Remainder
Recorded : September 24, 1970, Instrument No.80-103692, Reel 2698, Image 96

9. **DECREE OF DISTRIBUTION**

Dated : May 1, 1974
Grantor : Earl D. Gay, deceased
Grantee : Vesta W. Gay, a widow, as to an undivided 1/4 interest; and Vesta
W. Gay and John Walter Burroughs, as Trustees under the Last Will
and Testament of Earl D. Gay, Deceased, as to an undivided 1/4
interest
Recorded : May 29, 1974, Instrument No.74-68168, Reel 3691, Image 271

10. **GRANT DEED**

Dated : November 7, 1974
Grantor : Frances S. Goldbaum, a widow, and Grace Ann Smith
Grantee : Dolan Foster Enterprises, a California corporation, as to an
undivided 1/2 interest
Recorded : November 19, 1974, Instrument No.74-147938, Reel 3818, Image 505

11. **GRANT DEED**

Dated : November 7, 1974
Grantor : Vesta W. Gay, a widow; and Vesta W. Gay and John Walter Burroughs,
as Trustees under the Last Will and Testament of Earl D. Gay,
Deceased
Grantee : Dolan Foster Enterprises, a California corporation, as to an undivided
1/2 interest
Recorded : November 19, 1974, Instrument No.74-147939, Reel 3818, Image 506

END OF REPORT

Advance Title Research

Dolan Foster Enterprises
Attention: Craig Brandt
25546 Seaboard Lane
Hayward, California 94545

CHAIN OF TITLE REPORT

Effective Date: January 6, 1992 Fee: \$750.00 Order No.: 119709

According to those Public Records which, under the recording laws, impart constructive notice of matters relating to the interest, which was acquired by:

Dolan V. Foster, Trustee under the Foster Family Trust

pursuant to a Grant Deed in and to the land described as follows:

All that real property in the City of Alameda, County of Alameda, State of California, described as follows:

Lots 1, 2, 3 and 4, Block E, Map of the Shepardson Property, filed September 11, 1878, in Map Book 2, Page 48, Alameda County Records.

Commonly Known As : 1900 Webster Street
Alameda, California
Tax Parcel No. : 073-0426-012

Only the following matters affecting the ownership appear in such records subsequent to January 1, 1921 and are attached hereto and shown on EXHIBIT A.

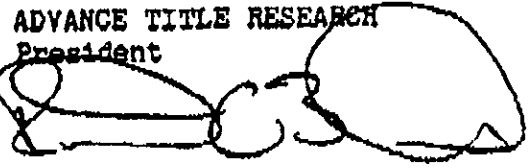
ADVANCE TITLE RESEARCH
President

Robert C. Burke

EXHIBIT A

1. Louis Cherry and Pearl Cherry acquired title to Lots 1 and 2 prior to January 1, 1921.
2. John G. Lubben and Jessie Lubben acquired title to Lots 3 and 4 prior to January 1, 1921.
3. **GRANT DEED**
Dated : June 27, 1922
Grantor : Louis Cherry and Pearl Cherry, his wife
Grantee : M. Hollested and J. Dowling
Recorded : August 12, 1922, Instrument No. S-220925, Book 231, Page 335
Affects : Lots 1 and 2.
4. **GRANT DEED**
Dated : March 5, 1924
Grantor : John G. Lubben and Jessie Lubben, his wife
Grantee : J. Dowling and M. Hollested, Co-Partners, doing business as California Mill and Cabinet Company, formerly California Furniture Manufacturing Company
Recorded : March 7, 1924, Instrument No. T-102236, Book 636, Page 288
Affects : Lots 3 and 4.
5. **GRANT DEED**
Dated : July 1, 1927
Grantor : James H. Dowling, aka J. Dowling, and Annie Marie Dowling, his wife
Grantee : Magnus Hollested and Christine Hollested, his wife
Recorded : July 6, 1927, Instrument No. X-52892, Book 1639, Page 92
Affects : Lots 1, 2, 3 and 4.
6. **GRANT DEED**
Dated : January 23, 1928
Grantor : Magnus Hollested, aka M. Hollested and M. Hollested and Christine Hollested, his wife
Grantee : William A. Hood
Recorded : January 26, 1928, Instrument No. Y-6070, Book 1811, Page 33
7. **DECREE OF DISTRIBUTION**
Dated : June 27, 1934
Grantor : William A. Hood, deceased
Grantee : Elizabeth Fuller Acland Hood and Alexander William Fuller Acland Hood, her son
Recorded : June 27, 1934, Instrument No. EE-28189, Book 3058, Page 256

Continued on Page 3

EXHIBIT A (CONTINUED)

8. **MEMORANDUM OF LEASE**

Dated : January 31, 1938
Lessor : Elizabeth A. Hood and William A. Hood, her son
Lessee : Signal Oil Company, a corporation
Recorded : March 5, 1938, Instrument No. II-10382, Book 3609, Page 147

9. **MEMORANDUM OF LEASE**

Dated : October 4, 1948
Lessor : Elizabeth A. Hood and William A. Hood, her son
Lessee : Signal Oil Company, a corporation
Recorded : November 26, 1948, Instrument No. AC-89541, Book 5664, Page 459

10. **DEED OF GIFT**

Dated : April 30, 1942
Grantor : Elizabeth Acland Hood
Grantee : A.W. Hood
Recorded : September 24, 1951, Instrument No. AF-80432, Book 6542, Page 199

11. **MEMORANDUM OF LEASE**

Dated : October 1, 1951
Lessor : A.W. Hood
Lessee : Signal Oil Company, a corporation
Recorded : January 12, 1959, Instrument No. AQ-3440, Book 8898, Page 513

12. **GRANT DEED**

Dated : May 26, 1973
Grantor : A.W. Hood, aka Alexander William Hood
Grantee : A.W. Hood, as Trustee of the A.W. Hood Trust created by Declaration of Trust dated May 26, 1973
Recorded : May 31, 1973, Instrument No. 73-74016, Reel 3429, Image 957

13. **GRANT DEED**

Dated : March 5, 1974
Grantor : A.W. Hood, as Trustee of the A.W. Hood Trust created by Declaration of Trust dated May 26, 1973
Grantee : L.S.W. Company, a partnership
Recorded : May 20, 1974, Instrument No. 74-63553, Reel 3684, Image 62

14. **GRANT DEED**

Dated : May 14, 1974
Grantor : LSW Company, a partnership
Grantee : Dolan V. Foster and Dorothy M. Foster, Co-Trustees of the Dolan Foster Enterprises, Inc. Employees Pension Trust
Recorded : May 20, 1974, Instrument No. 74-63565, Reel 3684, Image 79

Continued on Page 4

Recorded : May 20, 1974, Instrument No.74-63567, Reel 3684, Image 81

ASSIGNMENT OF LESSOR'S INTEREST IN LEASE

Dated : May 30, 1974

Assignee : Wells Fargo Bank

Recorded : May 31, 1974, Instrument No.74-70525, Reel 3695, Image 317

16. GRANT DEED

Dated : June 25, 1984

Grantor : Dolan V. Foster and Dorothy M. Foster, Co-Trustees of the Dolan Foster Enterprises, Inc. Employees Pension Trust

Grantee : Dolan V. Foster, Trustee under the Foster Family Trust

Recorded : June 29, 1984, Instrument No.84-128265

END OF REPORT

APPENDIX C

LEAK REPORT



Dolan Foster Enterprises, Inc.
A Franchisee of Taco Bell Corp.
25546 Seaboard Lane
Hayward, California 94545
Telephone 415 887 7260

January 15, 1992

Mr. Thomas Peacock
Alameda County Health Department
80 Swan Way, Suite 200
Oakland, CA 94604

RE: Taco Bell-1900 Webster Street, Alameda, CA

Dear Mr. Peacock,

Thank you for meeting with us this morning. Your comments were helpful to Mr. Low and myself as I'm sure they were to our soil consultants.

I am returning the Leak Report to you along with the following information: 1) Building Permit Record, 2) Title Search, 3) Letter to Exxon. I believe LRA Engineering gave to you a copy of the Analytical Reports that we have to date.

I am meeting with Capt. McKinley of the Alameda Fire Department today and will forward to you copies of any information they may have.

I have instructed LRA Engineering to proceed with further exploration so that we may determine the vertical and horizontal extent of this problem. We will also investigate the remaining portions of the property to see if there are any other problems. Upon completion of this investigation, we will submit to you a Remediation Plan for your approval.

It is important to Dolan Foster Enterprises that this entire process be done in a timely fashion and at minimum expense. We are only a franchisee of Taco Bell Corp. and do not have either technical or financial help from them in any way.

We will appreciate any help you can give us through this process.

Sincerely,

Dan Mundy

DM: js

FACSIMILE COVERSHEET

EXXON COMPANY, U.S.A.
2300 CLAYTON ROAD, SUITE 1250
POST OFFICE BOX 4032
CONCORD, CALIFORNIA 94520

DATE: 3/4/92

TO: SCOTT SEERY

FROM: Bill Wang

ALAMEDA COUNTY

PHONE: (510) 246-8768

FAX: (510) 569-4757

PAGES TO FOLLOW: 2

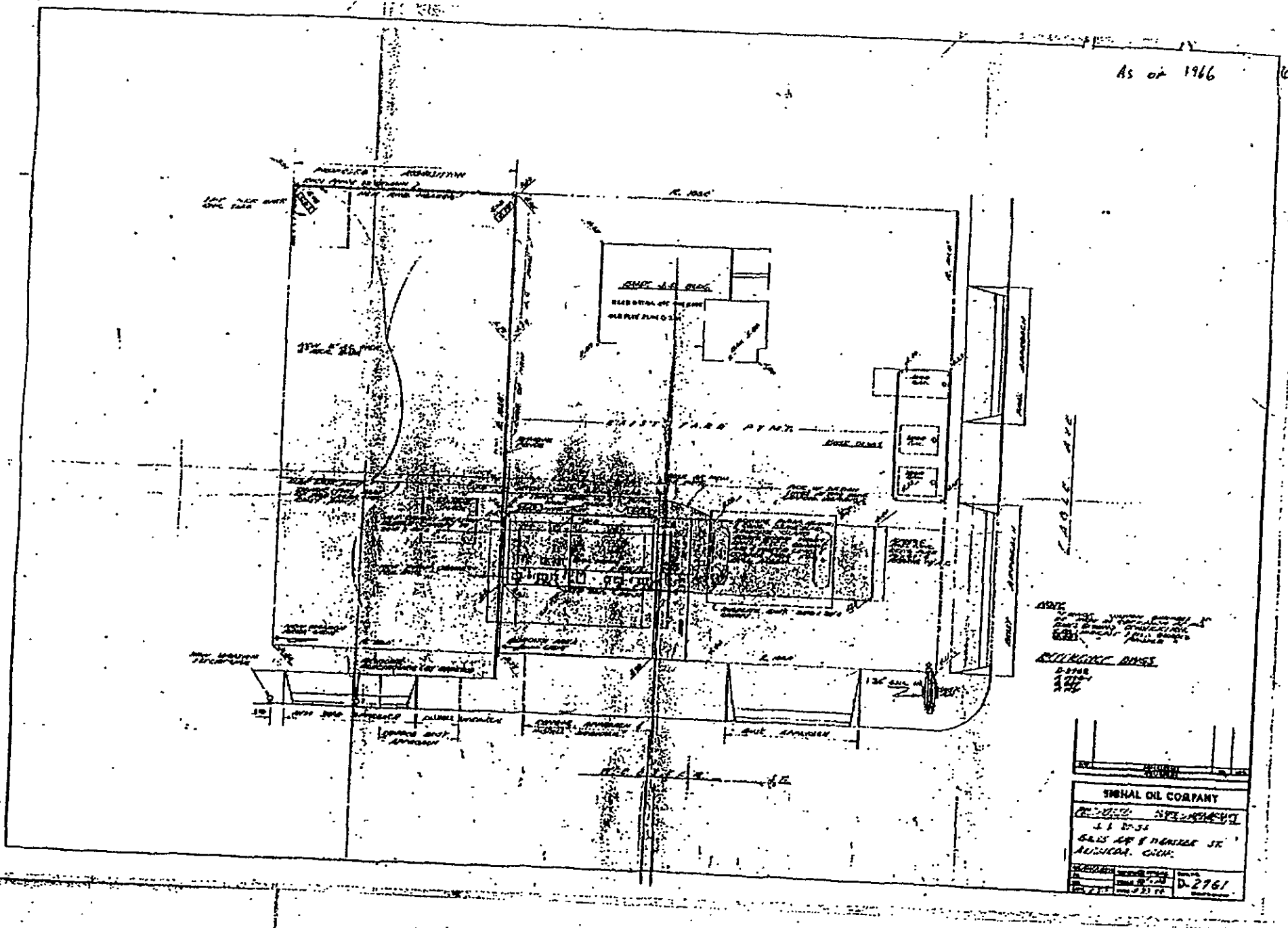
ATTACHED PLEASE FIND TWO SITE PLANS (1951 & 1966) FOR YOUR
INFO ON 1900 WEBSTER ST., ALAMEDA, CA. PLEASE NOTE THAT:
10/1/51 - 4/1/67 SIGNAL OIL CO. (NOW CHEVRON) OPERATED THE SITE.
4/1/67 - 1/31/74 HUMBLE OIL (NOW EXXON) OPERATED THE SITE.
PROPERTY WAS RETURNED TO LESOR IN 1974; PROPERTY USAGE AFTER
1/31/74 IS UNKNOWN.

Bill

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL
510-246-8790.

0127P.99

As of 1966



NOTE:
 1. The site plan is based on the
 2. 1966 Aerial Photograph
 3. 4. The site plan is based on the
 5. 1966 Aerial Photograph
 6. 7. The site plan is based on the
 8. 1966 Aerial Photograph

REVISIONS
 1-1966
 2-1966
 3-1966

SIGNAL OIL COMPANY	
PROJECT: SPEARHEAD	
DATE: 11-19-66	
SHEET NO: 8 OF 8 SHEETS IN SET	
DRAWN BY: [Signature]	
CHECKED BY: [Signature]	
DATE: 11-19-66	
PROJECT NO: D-2761	

TOTAL P.03

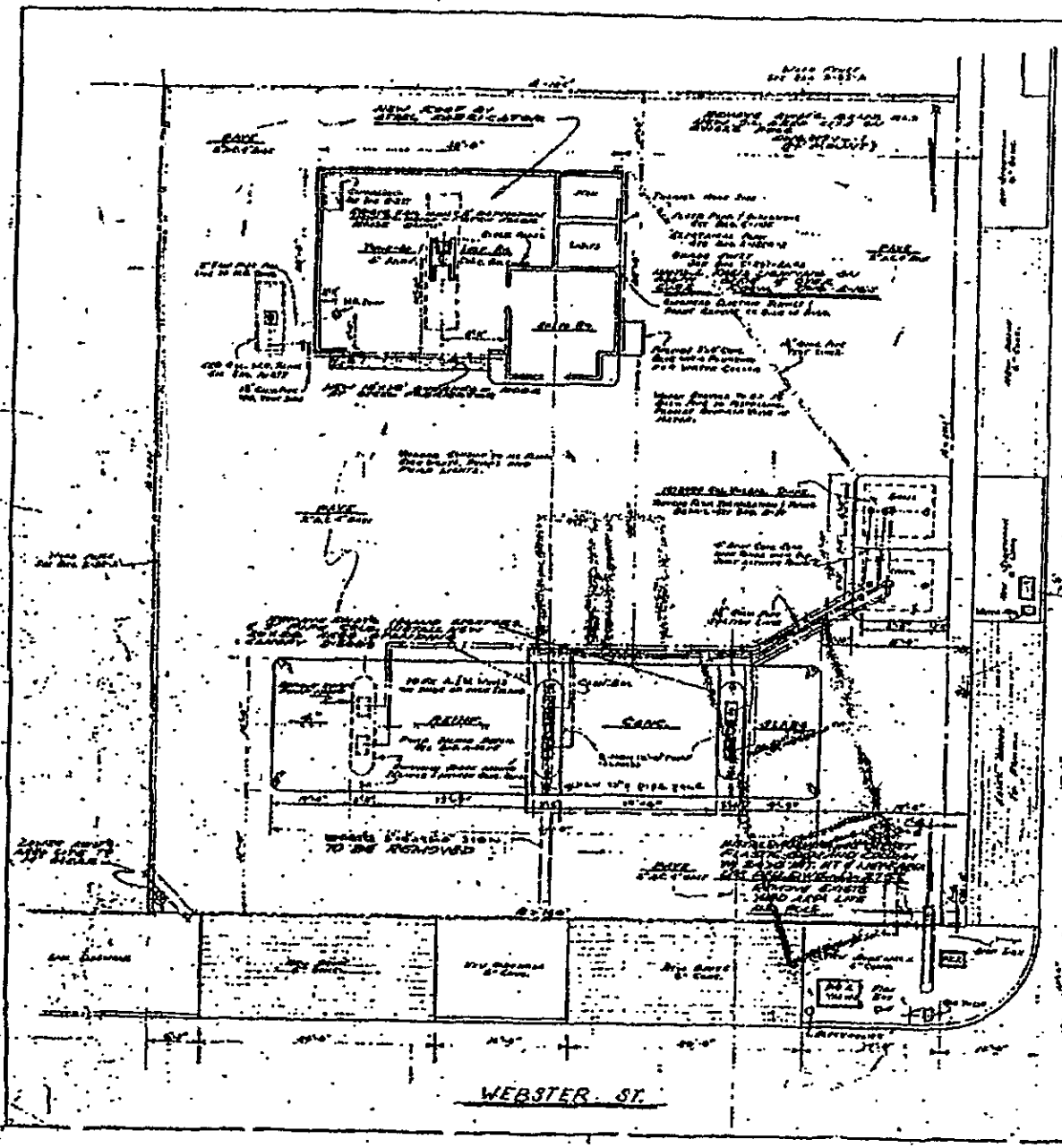
FROM EXHIBIT REBE

TO

95694757

P.03

As of 1951 7



EAGLE AVE.

WEBSTER ST.

2 New Roofs (K&D)

Remove the
2nd floor
DIP.

Remove Slope 4:1
Eyes 5 ft.
Slope 5:1
Remove plastic Guard

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000
1000	1000	1000	1000	1000

SIGNAL OIL COMPANY		
PROPOSED PLOT PLAN		
SS. 21-34		
EAGLE AVE. / WEBSTER ST.		
ALABAMA	CALIF.	
NO. 1	NO. 2	NO. 3
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000
1000	1000	1000

5884/3/7 P.02

EXHIBIT #1

PROJECT I.D.					NO. of CONTAINERS	ANALYSIS												SAMPLE CONDITION ICED	COMMENTS:	
PAGE _____ OF _____		CLIENT CHAIN OF CUSTODY #				BTEX-TAH	TPH-K-D	624/6240	625/6270	418/O&G	3520/503 O&G	METALS	TTLC	STLC-Pb						
LAB I.D. #	SAMPLE I.D.	DATE SAMPLED	TIME SAMPLED	MATRIX																
920170	U14-A	1-21-92	11:00	Water	1	X		X			X							634 Y		
920171	U15-A	1-21-92	11:00		1	X		X			X							Note: Extract H2O TPH-D with Freon. Need to also run 418. 1 out of same L.		
920172	U16-A	1-21-92	11:00		1	X		X			X									
920173	U17-A	1-21-92	11:00		1	X		X			X									
920174	U14-B-D	1-21-92			6	X													TH 920189	
920180	U15-B-D	1-21-92			6	X												TH 920185		
920186	U16-B-D	1-21-92			6	X												TH 920191		
920192	U17-B-D	1-21-92		✓	6	X												TH 920197		
920198	U14-1-I	1-21-92	9:30	Soil	1	X	X		X				X					Std TAT Run Soil STLC Pb. 1-24-92 L.A.M.		
920199	U15-1-I	1-21-92	10:30		1	X	X		X				X							
920200	U16-1-I	1-21-92	11:30		1	X	X		X				X							
920201	U17-1-I	1-21-92	1:00		1	X	X		X				X							
920202	U18-1-I	1-21-92	2:00		1	X	X		X				X							
920203	U18-2-I	1-21-92	2:00	✓	1	X	X		X				X						✓ ✓	

Relinquished by: (Signature) <i>m. m. [Signature]</i>	Date/Time 1-22-92 2:55	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time 1-22-92 2:55	Received for Laboratory by: (Signature) <i>[Signature]</i>

Special Instructions

COPY



LRA ENVIRONMENTAL

3235 SUNRISE BOULEVARD, SUITE E
 RANCHO CORDOVA, CA 95742
 PHONE 916/631-4455

FAX 916/631-4466

CHAIN OF CUSTODY

DATE 1-21-92 WEATHER Cool - Hazy with Broken Sunsh PAGE 1 OF 1

LOCATION TACO BELL ALAMEDA
 SAMPLER SIGNATURE _____
 PRINTED NAME Mike Miles
 LAB REPORT RECIPIENT Mike Miles
 TELEPHONE NUMBER 916-631-4455
 RECEIVING LAB Matrix Environmental
 ADDRESS Kilgore Road, Rancho Cordova, CA

SAMPLE ID#	TIME	WATER/ SOIL	COMP/ GRAB	VOLUME	Container Type	Number of Containers	Iced	Sampling Method	ANALYSES REQUESTED														
									BFTX (602EPA)	TFH (5030 EPA)	TPH (D.K.O (8015))	418.1	Pb by A.A.										
E9170 U14-A, U15-A, U16-A, U17-A	11:00	Water	Grab	1000 ml	Amber	4	Y	Bailor			X												
E9170 U14B-D, U15B-D, U16B-D, U17B-D	11:00	Water	Grab	VOA	VOA	24	Y	Bailor	X	X													
E9170 U18-2-I	2:00	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										
E9170 U14-1-I	9:30	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										
E9170 U15-1-I	10:30	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										
E9170 U16-1-II	11:30	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										
E9170 U17-1-II	1:00	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										
E9170 U18-1-I	2:00	Soil	Grab	2" Tube	Tube	1	Y	Drive	X	X	X	X	X										

Precautions:

Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME	COMMENTS
Mike Miles	1-22-92			1-22-92	2:55	
Company LRA ENGINEERING			Company MATRIX ENVIRONMENTAL	1-22-92		
Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME	
Company			Company			
Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME	

COPY

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E1-3-II

Lab ID: 914506

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E2-2-II

Lab ID: 914507

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E4-1-II

Lab ID: 914508

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	8,000.	20

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 20 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E6-1-I

Lab ID: 914509

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	110.	5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 5 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E1-3-II

Lab ID: 914506

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015
SURROGATE RECOVERY		ACCEPTABLE RANGE
	97.40	70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E2-2-II

Lab ID: 914507

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

98.37

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E4-1-II

Lab ID: 914508

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	8.2	0.1
TOLUENE	200.	0.1
ETHYLBENZENE	110.	0.1
XYLENES	760.	0.3
SURROGATE RECOVERY	126.78	ACCEPTABLE RANGE 70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 20 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E6-1-I

Lab ID: 914509

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.025
TOLUENE	3.8	0.025
ETHYLBENZENE	2.2	0.025
XYLENES	22.	0.075

SURROGATE RECOVERY

95.34

ACCEPTABLE RANGE

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 5 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA

Date Samples Received: 12/22/91

Date of Analysis: 01/08/92

Sample ID: E9170-E1-3-II

Lab ID: 914506

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Toco Bell

CT ID: 3116

ANALYSIS: ORGANIC LEAD

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)	Method
ORGANIC LEAD	ND	0.1	DOHS

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA

Date Samples Received: 12/22/91

Date of Analysis: 01/08/92

Sample ID: E9170-E2-2-II

Lab ID: 914507

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Toco Bell

CT ID: 3116

ANALYSIS: ORGANIC LEAD

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)	Method
ORGANIC LEAD	ND	0.1	DOHS

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA

Date Samples Received: 12/22/91

Date of Analysis: 01/08/92

Sample ID: E9170-E4-1-II

Lab ID: 914508

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Toco Bell

CT ID: 3116

ANALYSIS: ORGANIC LEAD

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)	Method
ORGANIC LEAD	ND	0.1	DOHS

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA

Date Samples Received: 12/22/91

Date of Analysis: 01/08/92

Sample ID: E9170-E6-1-II

Lab ID: 914509

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Toco Bell

CT ID: 3116

ANALYSIS: ORGANIC LEAD

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)	Method
ORGANIC LEAD	ND	0.1	DOHS

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA

Date Samples Received: N/A

Date of Analysis: 01/08/92

Sample ID: Method Blank

Lab ID: N/A

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Toco Bell

CT ID: 3116

ANALYSIS: ORGANIC LEAD

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)	Method
ORGANIC LEAD	ND	0.1	DOHS

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 12/31/91

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

97.84

ACCEPTABLE RANGE

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 12/31/91
Sample ID: MS, MSD
Lab ID: N/A
Matrix: SOIL

PROJECT: Taco Bell
CT ID: 3116

BTEX MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
BENZENE	1.25	1.1	1.1	88%	88%	0%
TOLUENE	1.25	0.99	0.98	79%	78%	1%
ETHYL BENZENE	1.25	0.85	0.85	68%	68%	0%
TOTAL XYLENES	3.75	3.13	3.15	83%	84%	1%

MS= MATRIX SPIKE
MSD= MATRIX SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 12/31/91

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
 Date of Analysis: 12/31/91
 Sample ID: MS, MSD
 Lab ID: N/A
 Matrix: SOIL

PROJECT: Taco Bell
 CT ID: 3116

TFH MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
GASOLINE	2.5	1.9	2.1	76%	84%	10%

MS= MATRIX SPIKE
 MSD= MATRIX SPIKE DUPLICATE
 RPD= RELATIVE PERCENT DIFFERENCE
 CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/08/92
Sample ID: LCS/LCSD
Lab ID: N/A
Matrix: SOIL

P.O. No: Toco Bell
CT ID: 3116

METALS LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED (PPM)	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
ORGANIC - LEAD	3.6	3.51	3.44	98%	96%	2%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 02/03/92

Sample ID: Method Blank

Lab ID: N/A

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/L (ppm)	REPORTING LIMIT
		mg/L (ppm)
KEROSINE	ND	.5
DIESEL	ND	.5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 02/03/92

Sample ID: U14-A
Lab ID: 920170
Matrix: WATER

CONTACT: Bob Nicholson
P.O. No: Taco Bell E9170
CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
KEROSINE	2.	.5
DIESEL	ND	.5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U15-A

Lab ID: 920171

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/L (ppm)	REPORTING LIMIT
		mg/L (ppm)
KEROSINE	ND	.5
DIESEL	ND	.5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 02/03/92
Sample ID: U16-A
Lab ID: 920172
Matrix: WATER

CONTACT: Bob Nicholson
P.O. No: Taco Bell E9170
CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
KEROSINE	ND	.5
DIESEL	ND	.5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U17-A

Lab ID: 920173

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/L (ppm)	REPORTING LIMIT
		mg/L (ppm)
KEROSINE	ND	.5
DIESEL	ND	.5

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 02/03/92
Sample ID: LCS/LCSD
Lab ID: N/A
Matrix: WATER

P.O. No: Taco Bell E9170
CT ID: 3149

TPH MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED (mg/L)	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
KEROSINE	100	99	105	99%	105%	6%
DIESEL	100	90	88	90%	88%	2%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 02/03/92

Sample ID: Method Blank

Lab ID: N/A

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT
		mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U14-1-I

Lab ID: 920198

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U15-1-I

Lab ID: 920199

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U16-1-I

Lab ID: 920200

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U17-1-I

Lab ID: 920201

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT
		mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U18-1-I

Lab ID: 920202

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 02/03/92

Sample ID: U18-2-I

Lab ID: 920203

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 02/03/92

Sample ID: LCS/LCSD

Lab ID: N/A

Matrix: SOIL

CONTACT: Bob Nicholson

P.O. No: Taco Bell E9170

CT ID: 3149

ANALYSIS: TPH, EPA 8015

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
KEROSINE	ND	1.
DIESEL	ND	1.

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/29/92

Sample ID: Method Blank

Lab ID: N/A

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U14-1-I

Lab ID: 920198

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U15-1-I

Lab ID: 920199

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES

ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U16-1-I

Lab ID: 920200

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES

ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U17-1-I

Lab ID: 920201

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U18-1-I

Lab ID: 920202

Matrix: SOIL

CONTACT: Bob Nicholson

Project Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 01/29/92
Sample ID: U18-2-I
Lab ID: 920203
Matrix: SOIL

CONTACT: Bob Nicholson
Project Taco Bell
CT ID: 3149

ANALYSIS: METALS - LEAD STLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT	Method
		mg/L (ppm)	
LEAD	ND	0.05	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/29/92
Sample ID: LCS/LCSD
Lab ID: N/A
Matrix: SOIL

P.O. No: Taco Bell
CT ID: 3149

METALS LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED (PPM)	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
LEAD	3.6	3.49	3.55	97%	99%	2%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/29/92

Sample ID: Method Blank

Lab ID: N/A

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD TTLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT	Method
		mg/L (ppm)	
LEAD	ND	0.5	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U14-A

Lab ID: 920170

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD TTLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT	Method
		mg/L (ppm)	
LEAD	ND	0.5	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U15-A

Lab ID: 920171

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD TTLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.5	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U16-A

Lab ID: 920172

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD TTLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.5	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U17-A

Lab ID: 920173

Matrix: WATER

CONTACT: Bob Nicholson

P.O. No: Taco Bell

CT ID: 3149

ANALYSIS: METALS - LEAD TTLC

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)	Method
LEAD	ND	0.5	7420

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/29/92
Sample ID: LCS/LCSD
Lab ID: N/A
Matrix: WATER

P.O. No: Taco Bell
CT ID: 3149

METALS LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED (PPM)	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
LEAD	3.6	3.62	3.5	101%	97%	3%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

CONTACT: Bob Nicholson
PROJECT: Taco Bell Alameda
CT ID: 3149

Date Samples Received: N/A

Date of Analysis: 01/29/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: WATER

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/L) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	0.5

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

CONTACT: Bob Nicholson

Date Samples Received: 1/22/92

PROJECT: Taco Bell Alameda

Date of Analysis: 01/29/92

CT ID: 3149

Sample ID: U14-A

Lab ID: 920170

Matrix: WATER

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/L) (ppm)	REPORTING LIMIT (ppm)
TRPH	3.	0.5

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U15-A

Lab ID: 920171

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/L) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	0.5

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

CONTACT: Bob Nicholson
PROJECT: Taco Bell Alameda
CT ID: 3149

Date Samples Received: 1/22/92
Date of Analysis: 01/29/92
Sample ID: U16-A
Lab ID: 920172
Matrix: WATER

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/L) (ppm)	REPORTING LIMIT (ppm)
TRPH	18.	0.5

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U17-A

Lab ID: 920173

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/L) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	0.5

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/29/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U14-1-I

Lab ID: 920198

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	140.	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U15-1-I

Lab ID: 920199

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES

ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U16-1-I

Lab ID: 920200

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

Date Samples Received: 1/22/92

CT ID: 3149

Date of Analysis: 01/29/92

Sample ID: U17-1-I

Lab ID: 920201

Matrix: SOIL

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U18-1-I

Lab ID: 920202

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/29/92

Sample ID: U18-2-I

Lab ID: 920203

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS REPORT: TOTAL RECOVERABLE HYDROCARBONS, 418.1

COMPOUND	(mg/Kg) (ppm)	REPORTING LIMIT (ppm)
TRPH	ND	50

NOTE: (ND) NOT DETECTED AT OR ABOVE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/29/92
Sample ID: LCS, LCSD
Lab ID: N/A
Matrix: SOIL

P.O. No: Taco Bell Alameda
CT ID: 3149

TRPH LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
TRPH	2500	2882	2880	115%	115%	0%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/24/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

94.43

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 01/24/92
Sample ID: U14-1-I
Lab ID: 920198
Matrix: SOIL

CONTACT: Bob Nicholson
PROJECT: Taco Bell Alameda
CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

94.12

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U15-1-I

Lab ID: 920199

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015
SURROGATE RECOVERY		ACCEPTABLE RANGE
	96.68	70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 01/24/92
Sample ID: U16-1-I
Lab ID: 920200
Matrix: SOIL

CONTACT: Bob Nicholson
PROJECT: Taco Bell Alameda
CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015
SURROGATE RECOVERY	92.42	ACCEPTABLE RANGE 70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U17-1-I

Lab ID: 920201

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

93.10

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U18-1-I

Lab ID: 920202

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

94.23

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U18-2-I

Lab ID: 920203

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

93.59

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/24/92
Sample ID: MS, MSD
Lab ID: N/A
Matrix: SOIL

PROJECT: Taco Bell Alameda
CT ID: 3149

BTEX MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
BENZENE	1.25	1.21	1.24	97%	99%	2%
TOLUENE	1.25	1.03	1.06	82%	85%	3%
ETHYL BENZENE	1.25	0.85	0.87	68%	70%	2%
TOTAL XYLENES	3.75	3.15	3.24	84%	86%	3%

MS= MATRIX SPIKE
MSD= MATRIX SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/24/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U14-1-I

Lab ID: 920198

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES

ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U15-1-I

Lab ID: 920199

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U16-1-I

Lab ID: 920200

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES

ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U17-1-I

Lab ID: 920201

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U18-1-I

Lab ID: 920202

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/24/92

Sample ID: U18-2-I

Lab ID: 920203

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/24/92
Sample ID: MS, MSD
Lab ID: N/A
Matrix: SOIL

PROJECT: Taco Bell Alameda
CT ID: 3149

TFH MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
GASOLINE	2.5	2	2.1	80%	84%	5%

MS= MATRIX SPIKE
MSD= MATRIX SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/22/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX EPA 602

COMPOUND	ug/L (ppb)	REPORTING LIMIT (ppb)
BENZENE	ND	0.3
TOLUENE	ND	0.3
ETHYLBENZENE	ND	0.3
XYLENES	ND	0.9

SURROGATE RECOVERY

ACCEPTABLE RANGE

100.69

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U14-B-D

Lab ID: 920174

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX EPA 602

COMPOUND	ug/L (ppb)	REPORTING LIMIT (ppb)
BENZENE	33.	1.5
TOLUENE	910.	1.5
ETHYLBENZENE	670.	1.5
XYLENES	4,300.	4.5

SURROGATE RECOVERY

ACCEPTABLE RANGE

118.91

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 5 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U15-B-D

Lab ID: 920180

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX EPA 602

COMPOUND	ug/L (ppb)	REPORTING LIMIT (ppb)
BENZENE	ND	0.3
TOLUENE	ND	0.3
ETHYLBENZENE	ND	0.3
XYLENES	ND	0.9

SURROGATE RECOVERY

ACCEPTABLE RANGE

99.38

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92
Date of Analysis: 01/22/92
Sample ID: U16-B-D
Lab ID: 920187
Matrix: WATER

CONTACT: Bob Nicholson
PROJECT: Taco Bell Alameda
CT ID: 3149

ANALYSIS: BTEX EPA 602

COMPOUND	ug/L (ppb)	REPORTING LIMIT (ppb)
BENZENE	ND	0.3
TOLUENE	ND	0.3
ETHYLBENZENE	ND	0.3
XYLENES	ND	0.9

SURROGATE RECOVERY

ACCEPTABLE RANGE

100.34

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U17-B-D

Lab ID: 920192

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: BTEX EPA 602

COMPOUND	ug/L (ppb)	REPORTING LIMIT (ppb)
BENZENE	ND	0.3
TOLUENE	ND	0.3
ETHYLBENZENE	ND	0.3
XYLENES	ND	0.9

SURROGATE RECOVERY

101.24

ACCEPTABLE RANGE

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/22/92
Sample ID: LCS, LCSD
Lab ID: N/A
Matrix: WATER

PROJECT: Taco Bell Alameda
CT ID: 3149

BTEX LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
BENZENE	25	26	26	104%	104%	0%
TOLUENE	25	26	25	104%	100%	4%
ETHYL BENZENE	25	26	26	104%	104%	0%
TOTAL XYLENES	75	77	77	103%	103%	0%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 01/22/92

Sample ID: N/A

Lab ID: Method Blank

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
GASOLINE	ND	0.05

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U14-B-D

Lab ID: 920174

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
GASOLINE	26.	0.25

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

This sample was diluted to a 1: 5 ratio and the reporting limits adjusted accordingly

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U15-B-D

Lab ID: 920180

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
GASOLINE	ND	0.05

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U16-B-D

Lab ID: 920187

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
GASOLINE	ND	0.05

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 1/22/92

Date of Analysis: 01/22/92

Sample ID: U17-B-D

Lab ID: 920192

Matrix: WATER

CONTACT: Bob Nicholson

PROJECT: Taco Bell Alameda

CT ID: 3149

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/L (ppm)	REPORTING LIMIT mg/L (ppm)
GASOLINE	ND	0.05

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 01/22/92
Sample ID: LCS, LCSD
Lab ID: N/A
Matrix: WATER

PROJECT: Taco Bell Alameda
CT ID: 3149

TFH LABORATORY CONTROL SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		LCS	LCSD	LCS	LCSD	
GASOLINE	0.04	0.042	0.042	105%	105%	0%

LCS= LABORATORY CONTROL SPIKE
LCSD= LABORATORY CONTROL SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 12/31/91

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

97.84

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E1-3-II

Lab ID: 914506

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015
SURROGATE RECOVERY	97.40	ACCEPTABLE RANGE 70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E2-2-II

Lab ID: 914507

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: BTEX, EPA 8020

COMPOUND	mg/kg (ppm)	REPORTING LIMIT (ppm)
BENZENE	ND	0.005
TOLUENE	ND	0.005
ETHYLBENZENE	ND	0.005
XYLENES	ND	0.015

SURROGATE RECOVERY

ACCEPTABLE RANGE

98.37

70% TO 130%

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 12/31/91
Sample ID: MS, MSD
Lab ID: N/A
Matrix: SOIL

PROJECT: Taco Bell
CT ID: 3116

BTEX MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
BENZENE	1.25	1.1	1.1	88%	88%	0%
TOLUENE	1.25	0.99	0.98	79%	78%	1%
ETHYL BENZENE	1.25	0.85	0.85	68%	68%	0%
TOTAL XYLENES	3.75	3.13	3.15	83%	84%	1%

MS= MATRIX SPIKE
MSD= MATRIX SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: N/A

Date of Analysis: 12/31/91

Sample ID: N/A

Lab ID: Method Blank

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E1-3-II

Lab ID: 914506

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

CLIENT: LRA Environmental

Date Samples Received: 12/27/91

Date of Analysis: 12/31/91

Sample ID: E9170-E2-2-II

Lab ID: 914507

Matrix: SOIL

CONTACT: Bob Nicholson

PROJECT: Taco Bell

CT ID: 3116

ANALYSIS: TFH, EPA 5030

COMPOUND	mg/Kg (ppm)	REPORTING LIMIT mg/Kg (ppm)
GASOLINE	ND	1

NOTE: (ND) NOT DETECTED AT OR ABOVE THE REPORTING LIMITS.

MATRIX ENVIRONMENTAL LABORATORIES
ANALYSIS REPORT

Date Samples Received: N/A
Date of Analysis: 12/31/91
Sample ID: MS, MSD
Lab ID: N/A
Matrix: SOIL

PROJECT: Taco Bell
CT ID: 3116

TFH MATRIX SPIKE SUMMARY

COMPOUND	CONC SPIKED	CONC MEASURED		PERCENT RECOVERY		RPD
		MS	MSD	MS	MSD	
GASOLINE	2.5	1.9	2.1	76%	84%	10%

MS= MATRIX SPIKE
MSD= MATRIX SPIKE DUPLICATE
RPD= RELATIVE PERCENT DIFFERENCE
CONC= CONCENTRATION