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November 25, 1996

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

Subject:

Well Closure Report Taco Bell Alameda 1900 Webster Street

Alameda, Alameda County, California

STID#3695

Dear Ms. Chu:

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

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

Best Regards,

LRA ENVIRONMENTAL

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CLOSURE REPORT TACO BELL

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

1900 WEBSTER STREET

PREPARED BY:

LRA ENVIRONMENTAL 11500 SUNRISE GOLD CIRCLE, SUITE H RANCHO CORDOVA, CALIFORNIA 95742 (916) 631-4455

> DECEMBER 1, 1996 JOB NUMBER E9170

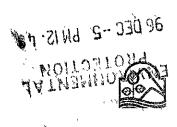


TABLE OF CONTENTS

CLOSURE REPORT	Page
Purpose of this Report	1
INTRODUCTION	1
SITE DESCRIPTION	4
Vicinity Map Location Map Description of Topography and Surface Features, i.e., Watercourses, Lakes and Groundwater Recharge Conduits Site Topography	
SUBSURFACE INVESTIGATION	5
Drilling Results Installation and Sampling of Temporary Groundwater Monitoring We Sample Collection Equipment and Procedures Statement of Findings for Soil and Groundwater	ells
SITE REMEDIATION	15
Field Observation Excavation Backfilling Soil Aeration Further Subsurface Characterization	
GROUNDWATER MONITORING WELL INSTALLATION	20
Water and Product Level Purging Procedures Groundwater Quality Analysis Statement of Findings for Quarterly Groundwater Monitoring Analytical Protocols Quality Assurance/Quality Control Procedures Equipment Decontamination Procedures Disposal of Contaminated Material	
CONCLUSIONS	25
SIGNATURE STATEMENT	26
SIGNATURE PAGE	26



TABLE OF CONTENTS (CONTINUED)

CLOSURE REPORT	
TABLES Table One Table Two Table Three Table Four Table Five Table Six Table Seven Table Eight Table Nine Table Ten Table Eleven Table Twelve	Underground Storage Tanks Record
Soil Profile an Soil Profile Le Location Map Location Map Groundwater (Groundwater (d Boring Log E-1, E-2, E-3, & E-4 d Boring Log E-5, E-6, E-7, & E-8 d Boring Log E-9, E-10, E-11, & E-12 d Boring Log E-13, E-19, & E-20 d Boring Log U-14, U-15, U-16, & U-17 d Boring Log U18 gend - Excavation - Stockpile
APPENDIX B CUMULATIVE	PURGE WATER STABILIZATION PARAMETERS
Well Completion 17 March	Storage Tank Unauthorized Release/ Contamination Site Report on Reports and Permit 1994 Alameda Department of Environmental Health orrespondence
APPENDIX D CUMULATIVE CUMULATIVE	SOIL SAMPLE ANALYTICAL RESULTS GROUNDWATER SAMPLE ANALYTICAL RESULTS



CLOSURE REPORT

TACO BELL

1900 WEBSTER STREET

ALAMEDA, ALAMEDA COUNTY, CALIFORNIA

Purpose of this Report:

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

Location:

The property in question, a Taco Bell restaurant, is located at 1900 Webster Street, Alameda, Alameda County, California. The property is located at approximately 1220 16'31" west longitude and 37046'27" north latitude. This corresponds to the County of Alameda Assessors Parcel Number 73-426-12.

INTRODUCTION

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

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

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



OPERATOR

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

TABLE ONE

UNDERGROUND STORAGE TANKS RECORD

TANK INSTALLATION DATE TANK CAPACITY

F. Burrington P.S. Ray Signal Oil Company Humble Oil Service Station 11 October 1928 11 May 1933 12 October 1941 13 October 1941 14 October 1928 15 October 1941 15 October 1941 16 October 1967 17 October 1941 18 October 1967 18 October 1941 19 October 1967 19 October 1941 19 October 1967 19 October 1941 19 October 1928 19 October 1941 19 October 1

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

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

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



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

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

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

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

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

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



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

SITE DESCRIPTION

Vicinity Map:

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

Location Map:

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

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

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

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

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

Site Topography:

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

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



north and east side.

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

SUBSURFACE INVESTIGATION

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

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

Drilling Results:

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



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

TABLE TWO

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

19 DECEMBER 1991 / 21 JANUARY 1992

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

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

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

TABLE THREE

U-14 THROUGH U-16 SOIL PROFILE

21 JANUARY 1992

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

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



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

TABLE FOUR

PHOTO-IONIZING HYDROCARBON READING

SOIL BORING

<u>Sample</u>	<u>Dept</u> h 0 - 5 ft.	<u>5 - 10 ft.</u>
		
E-1	44	45
E-2	44	47
E-3	ND	ND
E-4	55	59

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

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

TABLE FIVE

SOIL BORING ANALYTICAL RESULTS

Sample Date: 19 December 1991

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

Compound	Test Method	<u>Result</u>
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylénes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	DOHS	ND



Sample Date: 19 December 1991

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

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

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

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

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

Compound	Test Method	<u>Result</u>
Benzene	EPA 8020	ND
Toluene	EPA 8020	3.8ppm
Ethylbenzene	EPA 8020	2.2ppm
Xylénes	EPA 8020	22.0ppm
Gasoline	TFH,EPA 5030	110.0ppm
Lead	DOHS	ND

Sample Date: 21 January 1992

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

Compound	Test Method	<u>Result</u>
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylénes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND
Lead	STLC 7420	ND
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
TRPH	TRH 418.1	140.0ppm

^{1 1}RPH - Total Recoverable Petroleum Hydrocarbons



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

Test Method	Result
EPA 8020	ND
TFH,EPA 5030	ND
STLC 7420	ND
EPA 8015	ND
EPA 8015	ND
TRH 418.1	ND
	EPA 8020 EPA 8020 EPA 8020 EPA 8020 TFH,EPA 5030 STLC 7420 EPA 8015 EPA 8015

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

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

Sample Date: 21 January 1992

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

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

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

Compound	Test Method	<u>Result</u>
Benzene	EPA 8020	ND
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylenes	EPA 8020	ND
Gasoline	TFH,EPA 5030	ND



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

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

Test Method	Result
EPA 8020	ND
TFH,EPA 5030	ND
STLC 7420	ND
EPA 8015	ND
EPA 8015	ND
TRH 418.1	ND
	EPA 8020 EPA 8020 EPA 8020 EPA 8020 TFH,EPA 5030 STLC 7420 EPA 8015

Installation and Sampling of Temporary Groundwater Monitoring Points:

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

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

Visual and olfactory examination for sheen, floating product, and odor in the water samples was conducted at the time of sample acquisition. A visible sheen was observed in only one sample, U-16. No odors were detected in any of the water samples.

After the water had been sampled, all monitoring points were filled with a neat grout that consisted of five (5) gallons of water per one sack of Nevada Class II cement. This was done to assure that liquids foreign to the groundwater aquifer had no conduit into the aquifer.

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

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



TABLE SIX

GROUNDWATER ANALYTICAL RESULTS FROM TEMPORARY MONITORING POINTS

Sample Date: 21 JANUARY 1992

Sample Location: U14-A

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

Sample Date: 21 JANUARY 1992

Sample Location: U15-A

Compound	Test Method	<u>Result</u>	
Kerosine	EPA 8015	ND	
Diesel	EPA 8015	ND	
Lead	TTLC 7420	ND	
TRPH	TRH 418.1	ND	

Sample Location: U16-A

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

Sample Location: U17-A

Compound	Test Method	<u>Result</u>
Kerosine	EPA 8015	ND
Diesel	EPA 8015	ND
Lead	TTLC 7420	ND
TRPH	TRH 418.1	ND

Sample Collection Equipment and Procedures:

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



Soil

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

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

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

Two brass liners containing soil were retrieved during each sampling drive. One of these two liners, a six inches (6") long by two inch (2") diameter brass tube containing a portion of soil sample was remanded to the custody of the analytical laboratory. The contents of the second tube was analyzed by field methods for volatile organic compounds. This procedure consisted of emptying the contents of the brass tube into a "ziplock" style plastic bag. The bag and its contents were then placed either into direct sunlight or under an alternative heat source for a period of time. The bag was then pierced and the "headspace" within was tested for volatile organic compounds with a portable photoionizing hydrocarbon detection (PID) device. Results of the field analysis for soil borings E-1 through E-4 were presented earlier in this report.

Based upon the "headspace" test results and field observations, samples with apparent contamination were subjected to laboratory analysis at the discretion of the site supervisor. A sample from the first or second interval below the level believed to be contaminated was analyzed to facilitate assessment of the vertical extent of contamination.

Groundwater:

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

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



Statement of Findings for Soil and Groundwater:

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

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

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

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

- 1. Even though there is no documented proof of gasoline storage tanks being interred in the ground where the existing Taco Bell restaurant resides, the possibility exists that the gasoline entered the groundwater at a point where the gasoline storage tanks may have been buried. However, due to the lack of contamination in three (3) borings proximal to this alleged gasoline tank storage site, the probability is low that the contamination emanated from that point on the subject site.
- 2. It is possible that the source of the groundwater contamination was a release within the defined area of soil contamination. It is suspected that the gasoline migrated into the groundwater via the utility trenches that have been dug near the suspected leak site (from underneath the old pump island). These trenches



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

SITE REMEDIATION

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

Field Observations:

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

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

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

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



TABLE SEVEN

EXCAVATION SITE SAMPLE ANALYTICAL RESULTS

Sample Date: 3 JUNE 1992

SOIL

Sam	ple	No.

Compound	Test Method	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>
Benzene	EPA 8020	ND	ND	ND	ND
Toluene	EPA 8020	ND	ND	ND	ND
Ethylbenzene	EPA 8020	ND	ND	ND	ND
Xylenes	EPA 8020	ND	ND	ND	ND
Gasoline	TFH,EPA 5030	ND	ND	ND	ND

SOIL

Sample No.

Compound	Test Method	<u>#5</u>	<u>#6</u>	<u>#7</u>	<u>#8</u>
Benzene	EPA 8020	ND	ND	ND	ND
Toluene	EPA 8020	ND	ND	ND	ND
Ethylbenzene	EPA 8020	ND	ND	ND	ND
Xylenes	EPA 8020	ND	ND	ND	ND
Gasoline	TFH,EPA 8020	ND	ND	ND	ND

WATER

Sample No.

Compound	Test Method	<u>#9</u>	<u>#12</u>
Benzene	EPA 602	29.0ppb	16.0ppb
Toluene	EPA 602	130.0ppb	400.0ppb
Ethylbenzene	EPA 602	ND	200.0ppb
Xylene	EPA 602	2800.0ppb	2300.0ppb
Gasoline	TFH,EPA 5030	29.0ppm	21.0ppm



Excavation Backfilling:

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

Soil Aeration:

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

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

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

TABLE EIGHT

STOCKPILE SOIL ANALYTICAL RESULTS

Sample Date: 15 JUNE 1992

Sample ID

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



Compound	<u>Test Method</u>	<u>N.W. #4</u>
Sulfide	Standard 9030	ND
Flashpoint	EPA 1010	>140 _° F
Cyanide	EPA 9010	ND
ρĤ	EPA 9045	8.6

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

Impact Assessment:

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

Further Subsurface Characterization:

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

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



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

TABLE NINE

FORMER TANK FIELD SOIL ANALYTICAL RESULTS

Sample Date: 13 JULY 1992

Sample Location and Depth: West Tank 5'

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

Sample Date: 13 JULY 1992

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

Compound	Test Method	<u>Result</u>
Benzene	EPA 8020	0.21ppm
Toluene	EPA 8020	ND
Ethylbenzene	EPA 8020	ND
Xylénes	EPA 8020	0.49ppm
Gasoline	TPH,EPA 5030	33.0ppm
Kerosine	EPA 8015	22.0ppm
Diesel	EPA 8015	12.0ppm

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

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



Sample Location and Depth: Waste Oil Barrel 10'

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

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

GROUNDWATER MONITORING WELL INSTALLATION:

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

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

Water and Product Level

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

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



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

TABLE TEN RELATIVE WATER SURFACE ELEVATIONS

MW1 - Water

Date	Elevation Top of Casing	Depth to Water	Water Surface Elevation
4 January 1993	4.27'	3.30'	+.97' MSL
1 September 1993	3 4.27'	4.44'	17' MSL
6 December 1993	4.27'	3.61'	+.66' MSL
14 April 1995	4.27'	3.68'	+.59' MSL
	<u>N</u>	1W2 - Water	
4 January 1993	4.77'	3.10'	+1.67' MSL
1 September 1990	3 4.77'	4.03'	+.74' MSL
6 December 1993	4.77'	4.08'	+.69' MSL
14 April 1995	4.77'	3.18'	+ 1.59' MSL
	<u>N</u>	1W3 - Water	
4 January 1993	4.21'	3.10'	+1.11' MSL
1 September 1990	3 4.21'	3.52'	+.69' MSL
6 December 1993	4.21'	3.58'	+.63' MSL
14 April 1995	4.21'	3.10'	+1.11' MSL
	<u>N</u>	1W4 - Water	
19 January 1993	4.65'	1.47'	+ 1.11' MSL
1 September 1990	3 4.65'	3.61'	+1.04' MSL
6 December 1993	4.65'	4.35'	+.30' MSL
14 April 1995	4.65'	3.48'	+1.17' MSL



Groundwater gradients and elevations for each sampling event were calculated and graphically presented on Plate 15-18, Appendix A.

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

Purging Procedures:

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

TABLE ELEVEN

PURGE STABILIZED CHARACTERISTICS

pH: plus or minus 0.1

Temperature: plus or minus 0.5 degrees fahrenheit

Specific conductivity: plus or minus 1.0%

The water quality parameters were logged in the field at the time the well was purged and sampled and cumulative parameter tables for each well are included in Appendix B.

The monitoring equipment employed on this project include a pH meter (Bantex model LCD-5), an electrical conductivity, salinity, and temperature meter (YSI model 33 S-C-T meter), and a photo-ionizing hydrocarbon detector (H-nu, model PI 101).

Groundwater Quality Analysis:

A comprehensive table of all groundwater sampling events and analytical results



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

TABLE TWELVE

GROUNDWATER ANALYTICAL RESULTS

Sample Date: 4 January 1993

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

Sample Date: 1 September 1993

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

Sample Date: 6 December 1993

Constituent	Test Method	MW1	MW2	<u>MW3</u>	<u>MW4</u>
Benzene Toluene Ethylbenzene Xylenes Diesel Kerosene Gasoline Oil & Grease	EPA 5030/602 EPA 5030/602 EPA 5030/602 EPA 5030/602 TPH,EPA3510/8015 TPH,EPA5030/8015 TPH,EPA5030/8015 EPA 3510/9070	ND	ND ND ND ND ND ND ND ND S.5ppm	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND



Sample Date: 25 April 1995

Constituent	Test Method	<u>MW1</u>	MW2	<u>ww</u> 3	<u>MW4</u>
Oil & Grease	EPA 3510/9070	ND	ND	ND	ND

Statement of Findings for Quarterly Groundwater Monitoring:

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

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

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

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

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



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

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

Analytical Protocols:

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

Quality Assurance/Quality Control Procedures:

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

Equipment Decontamination Procedures:

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

Disposal of Contaminated Material:

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

WELL DESTRUCTION

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



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

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

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

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

CONCLUSIONS

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



SIGNATURE STATEMENT

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

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

LRA ENVIRONMENTAL

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President

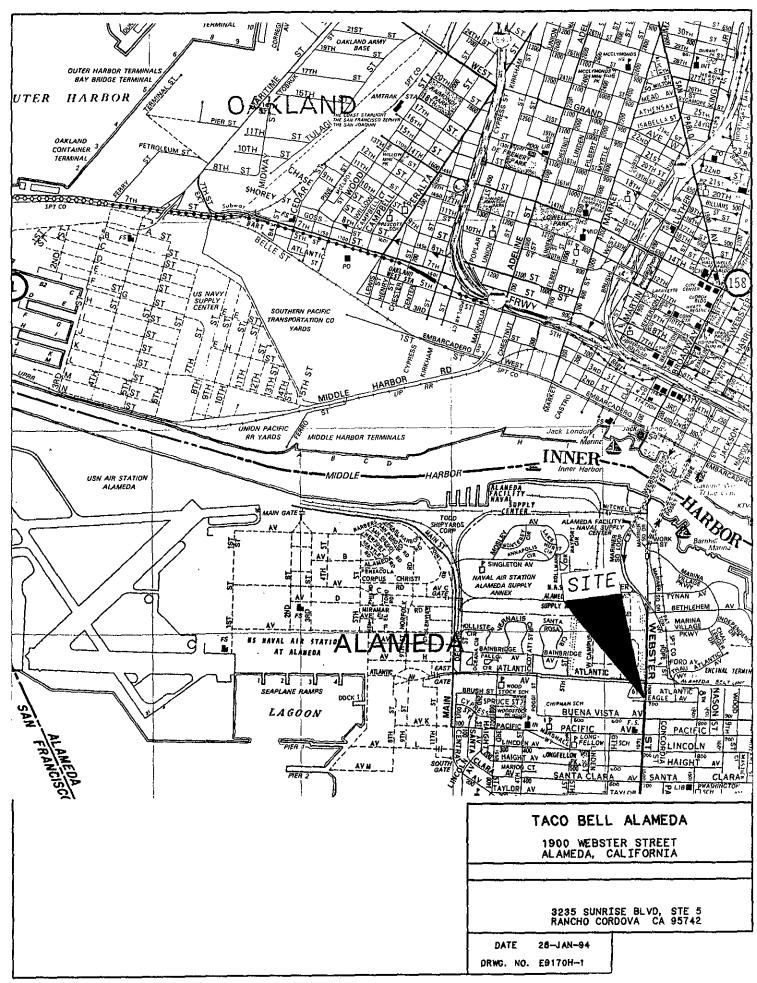


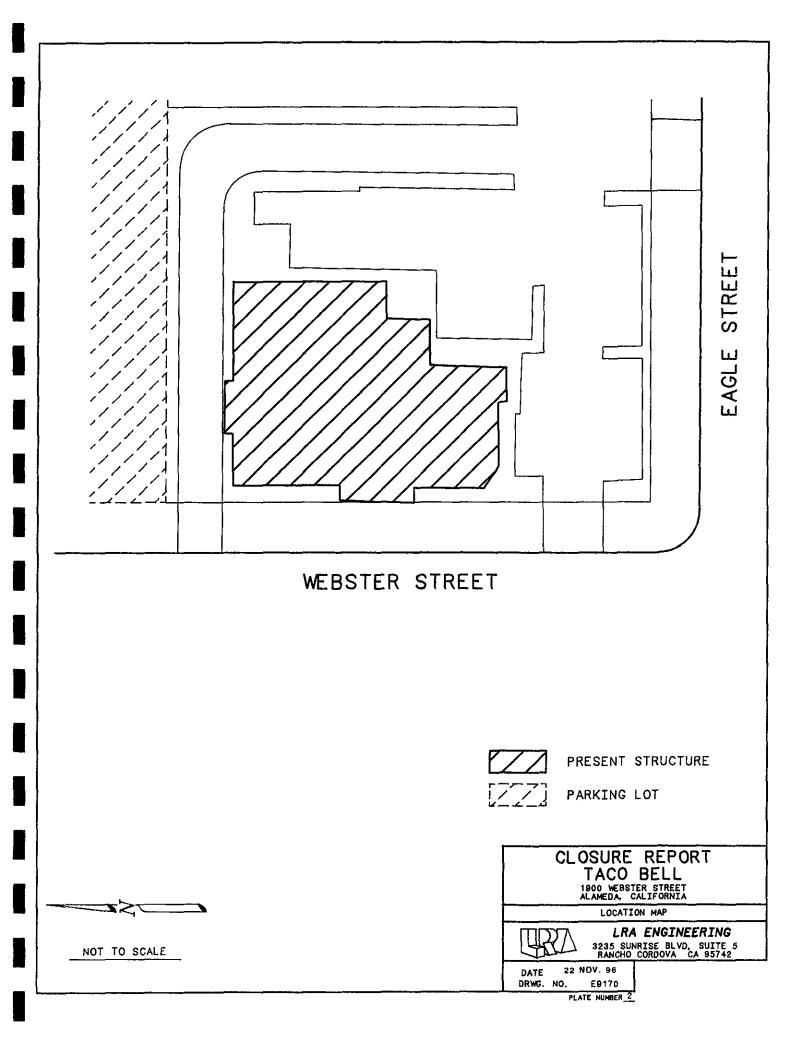


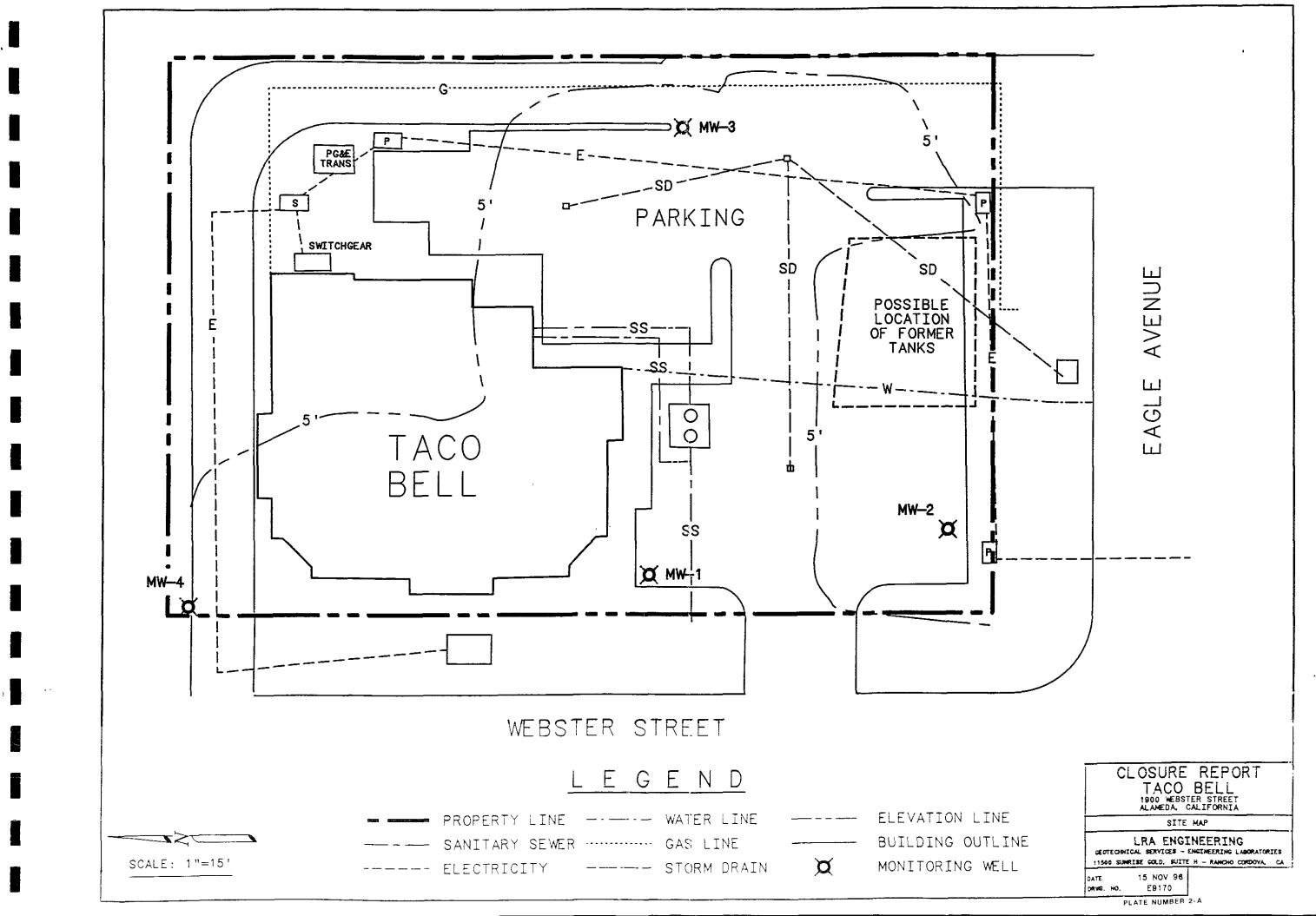


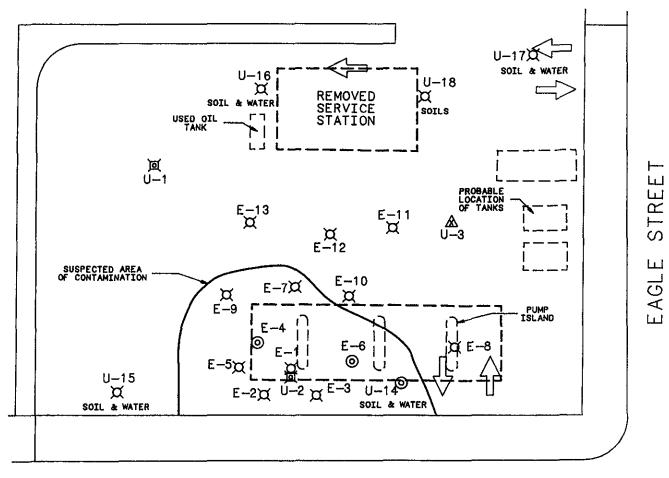
APPENDIX A

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









WEBSTER STREET



LOCATION OF FORMER BUILDING AND TANK SITES TAKEN FROM SITE MAPS DRAWN IN THE YEARS 1951 AND 1988 PER THE EXXON COMPANY, U.S.A. IN CONCORD, CA.

LEGEND

- EXPLORATORY BORINGS-DESIGNATED "E"
- ▲ GEOTECHNICAL 1 DRIVE BORING-DESIGNATED "U"
- GEOTECHNICAL 3 DRIVE BORINGS-DESIGNATED "U"
- (O) EXPLORATORY BORINGS-CONTAMINATED-DES. "E"

CLOSURE REPORT TACO BELL

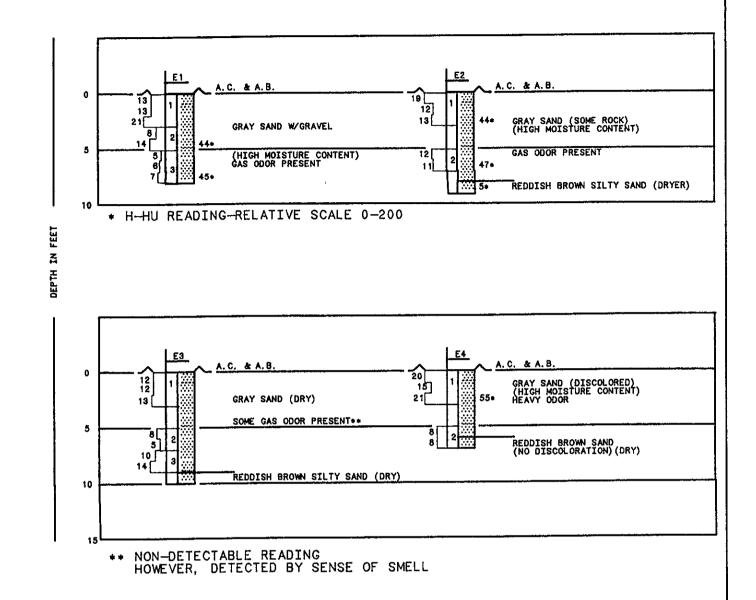
1900 WEBSTER STREET ALAMEDA, CALIFORNIA

LOCATION MAP - SOIL BORINGS

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

DATE 22 NOV. 96 DRWG, NO. E9170 PLATE NUMBER 3

NOT TO SCALE



SCALE

CLOSURE REPORT TACO BELL 1900 WEBSTER STREET ALAMEDA, CALIFORNIA

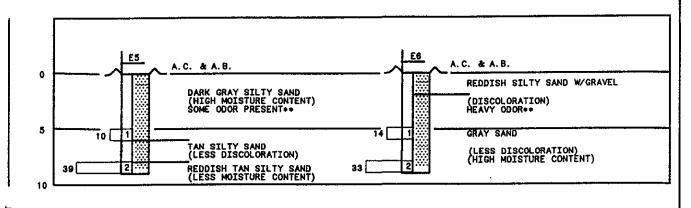
SOIL PROFILE

LRA ENGINEERING

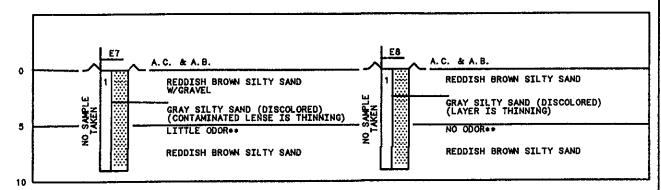
GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES 3235 SUNRISE BLVD., SUITE 5 - RANCHO CORDOVA, CA

22 NOV. 96 E9170 DRWG. NO. PLATE HUMBER 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 resonably accurate.



FEET Ä DEP TH



NON-DETECTABLE READING HOWEVER, DETECTED BY SENSE OF SMELL

> SCALE 5<u>0 40 30 20 10 0</u>

CLOSURE REPORT TACO BELL 1900 WEBSTER STREET ALAMEDA, CALIFORNIA

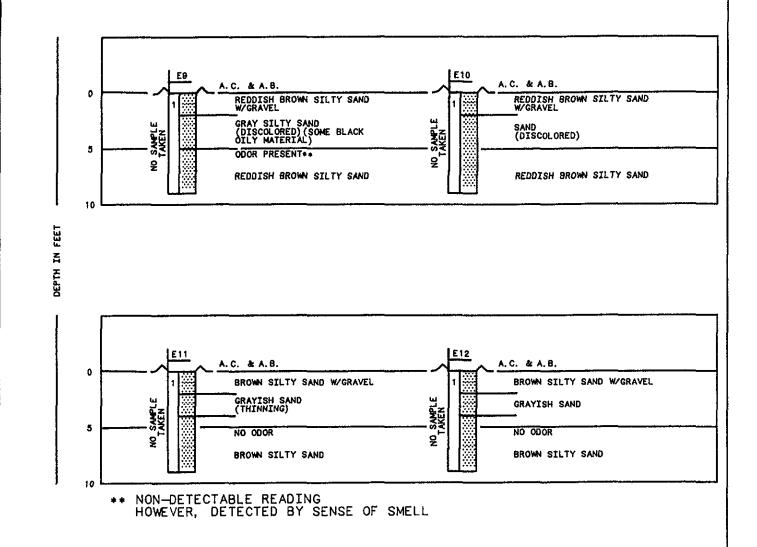
SOIL PROFILE

LRA ENGINEERING

GEOTECHNICAL BERVICES - ENGINEERING LABORATORIES 8285 SUNRISE BLVD., SUITE 5 - RANCHO CORDOVA,

22 NOV. 96 DATE DRWG. HO. E9170 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 resonably accurate.



SCALE 50 40 50 20 10 0 BLOWS PER FOOT CLOSURE REPORT
TACO BELL
1800 WEBSTER STREET
ALAMEDA, CALIFORNIA

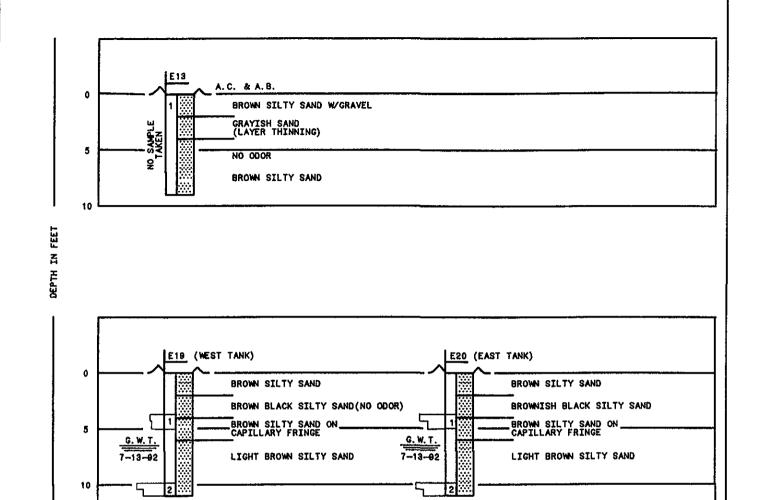
SOIL PROFILE

LRA ENGINEERING

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

DATE 22 NOV. 96
DRWG, NO. E9170
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 resonably accurate.



SCALE 50 40 20 20 10 0 64 000 PER FOOT

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

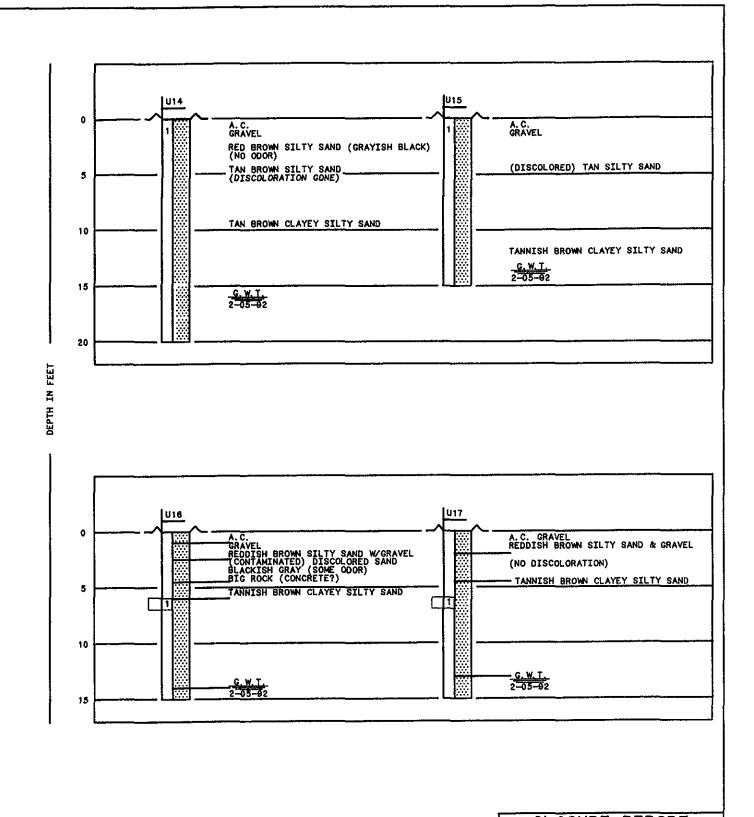
CLOSURE REPORT TACO BELL 1900 WEBSTER STREET ALAMEDA, CALIFORNIA

SOIL PROFILE

LRA ENGINEERING

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

DATE 22 NOV. 96
DRWG, NO. E9170
PLATE NUMBER 7



SCALE SO 40 30 20 10 0 BLOWS PER FOOT CLOSURE REPORT TACO BELL 1900 WEBSTER STREET ALAMEDA, CALIFORNIA

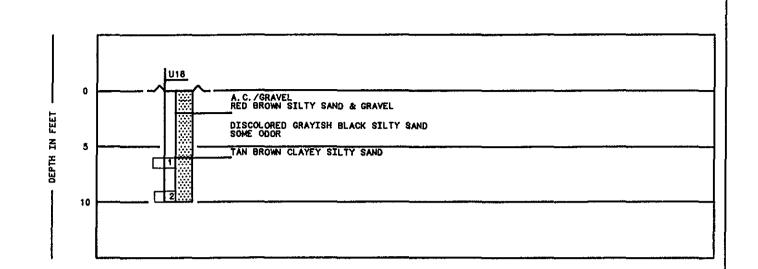
SOIL PROFILE

LRA ENGINEERING

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

DATE 22 NOV. 96
DRWG. NO. E9170
PLATE NUMBER 8

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



SCALE

50 40 80 20 10 0 BLOWS PER FOOT

CLOSURE REPORT TACO BELL
1900 WEBSTER STREET
ALAMEDA, CALIFORNIA

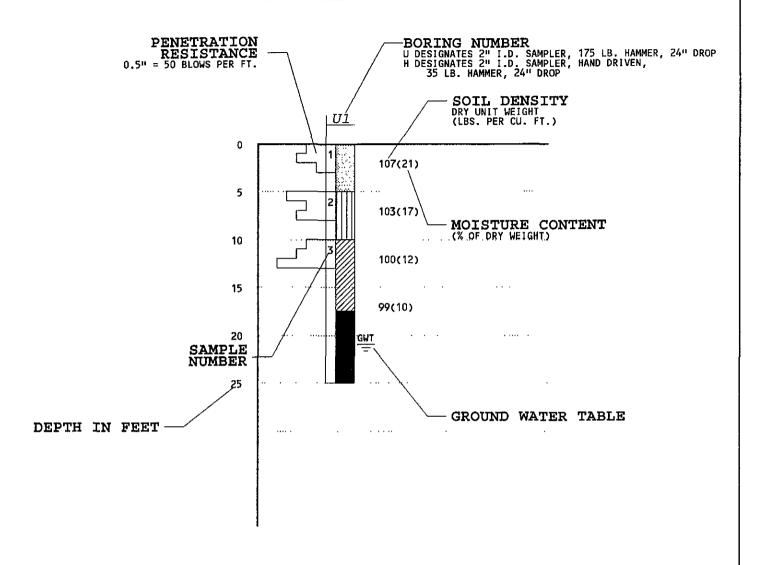
SOIL PROFILE

LRA ENGINEERING GEOTECHNICAL SERVICES - ENGINEERING LABORATORIES SESS BUNRISE BLVD., SUITE 5 ~ RANCHO CORDOVA. CA

DATE 22 NOV. 96 DRWG. NO. E9170 PLATE HUHBER 9

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

SOIL PROFILE LEGEND



CLASSIFICATION OF SYMBOLS:

SANDS, GRAVELLY SANDS INORGANIC SILTS INORGANIC CLAYS

ORGANIC MATERIAL AND DEBRIS

CLOSURE REPORT TACO BELL

1900 WEBSTER STREET ALAMEDA, CALIFORNIA

KEY TO BORING LOGS PAGE 1

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

DATE: DRWG. NO.:

22 NOV. 96 E9170-10

RCE NO.:

15555

PRIM	ARY DIVISION	S	GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED	GRAVELS	CLEAN GRAVELS	GW	Well graded gravels, gravel-sand mixtures, little or no fines.
SOILS MORE THAN HALF OF	MORE THAN HALF OF COARSE FRACTION IS	(LESS THAN 5% FINES)	GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	LARGER THAN NO. 4 SIEVE	GRAVEL WITH	GM	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
V.22		FINES	GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines.
	SANDS	CLEAN SANDS	SW	Well graded sands, gravelly sands, little or no fines.
	MORE THAN HALF OF COARSE FRACTION IS	(LESS THAN 5% FINES)	SP	Poorly graded sands or gravelly sands, little or no fines.
	SMALLER THAN NO. 4 SIEVE	SANDS WITH	SM	Silty sands, sand-silt mixtures, non-plastic fines.
		FINES	sc	Clayey sands, sand-clay mixtures, plastic fines.
FINE GRAINED	SILTS ANI	CLAYS	ML	Inorganic silty and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
SOILS MORE THAN HALF OF	LIQUID LI LESS THA	MIT IS	Gr	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	2250		OL	Organic silts and organic silty clays of low plasticity.
0.22	SILTS ANI	CLAYS	МН	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silty.
	LIQUID LI	MIT IS	СН	Inorganic clays of high plasticity, fat clays.
	unum th		ОН	Organic clays of medium to high plasticity, organic silts.
HIGHL	Y ORGANIC SOIL	S	Pt	Peat and other highly organic soils.
		DER	TAITOTOM	OR TRDIC

DEFINITION OF TERMS

U.S. STANDARD SERIES SIEVE

CLEAR SQUARE SIEVE OPENINGS

	2004	40 10		3/	4" 3	12"		
		SAND		GRA	VEL	CORRIEG	BOULDERS	
SILTS AND CLAYS	FINE	MEDIUM	COARSE	FINE	COARSE	COBBLES	BOUIDERS	

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

CC	NSI	ST	ENCY	

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).

^CUnconfined compressive strenght in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASIM D-1586), pocket penetrometer, torvane, or visual observation.

CLOSURE REPORT TACO BELL

1900 WEBSTER STREET ALAMEDA, CALIFORNIA

KEY TO BORING LOGS PAGE 2

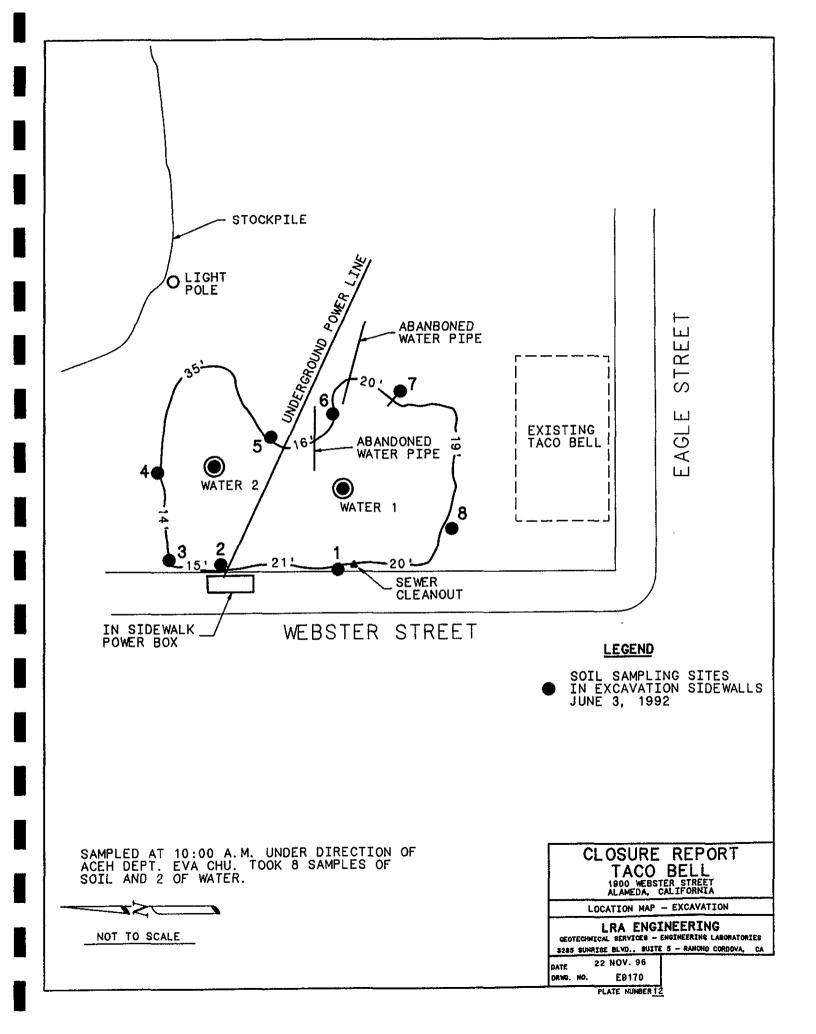
LRA ENGINEERING, INC. 3235 SUNRISE BLVD. SUITE 5 RANCHO CORDOVA, CALIFORNIA

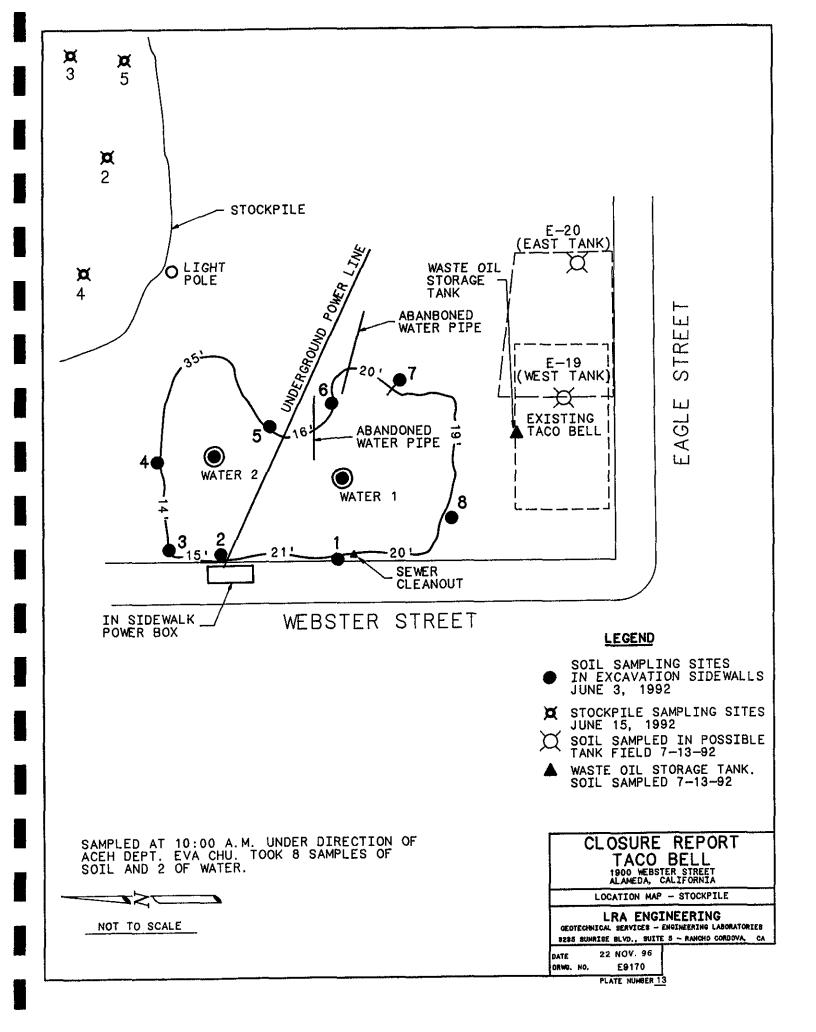
Unified Soil Classification System (ASTM D-2487)

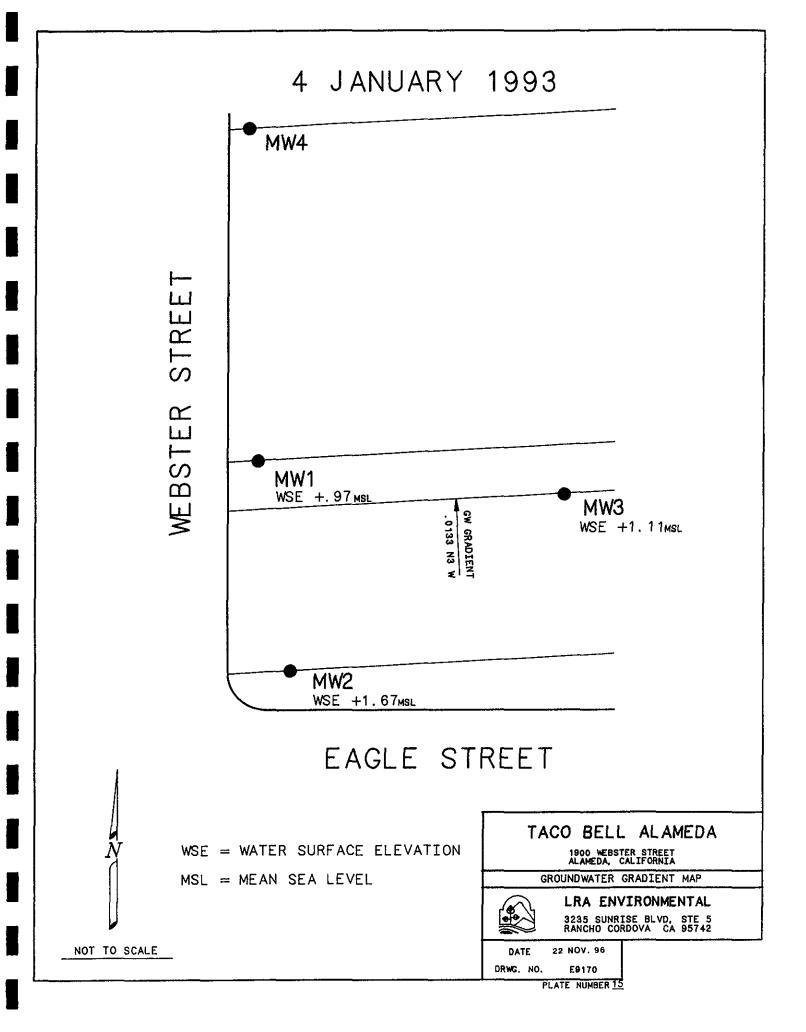
DATE: 22 NOV. 96 DRWG. NO.: E9170-11

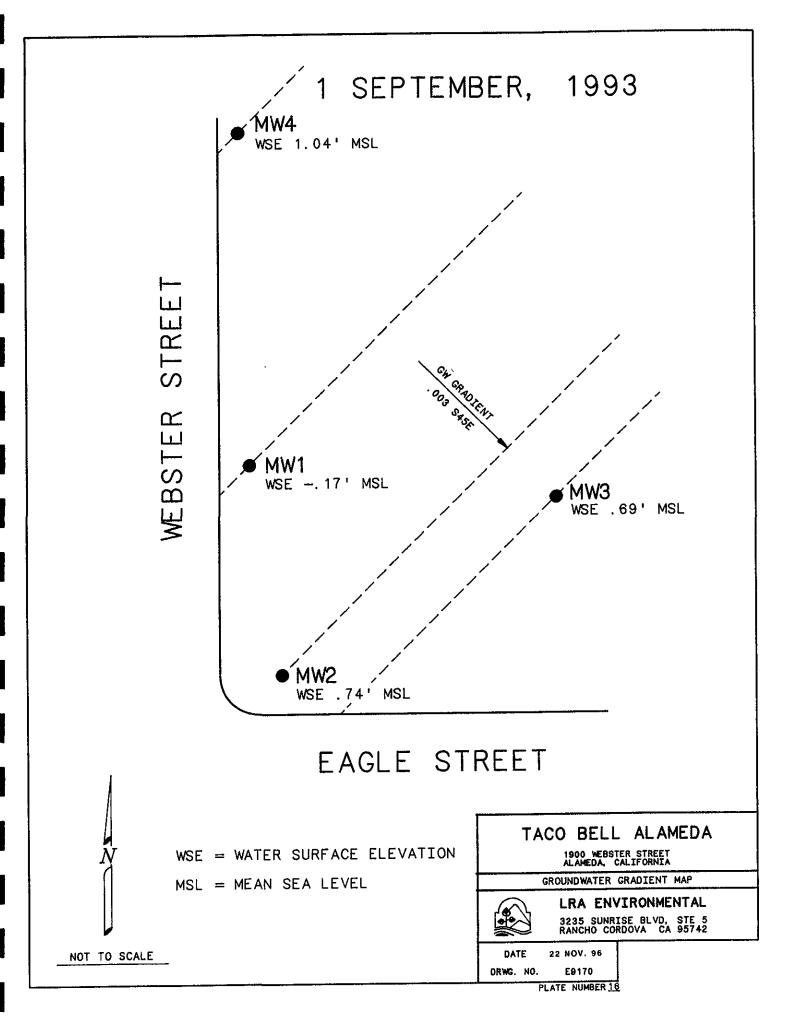
RCE NO.: 15555

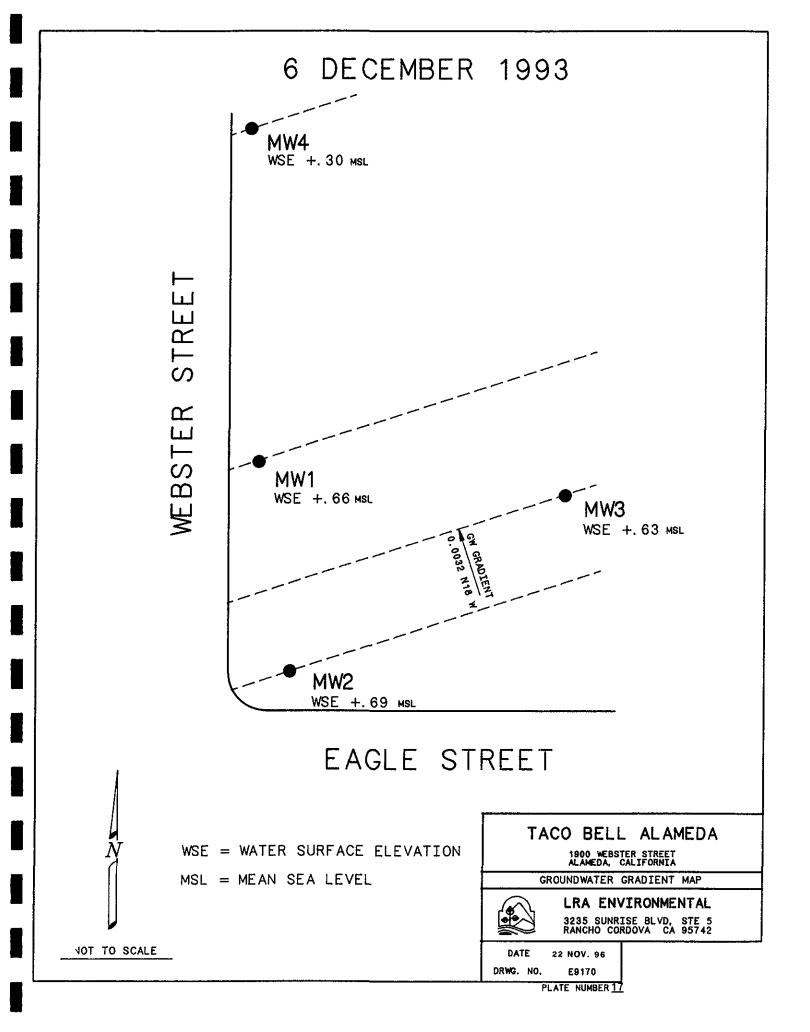
PLATE NUMBER 11











14 APRIL 1995 MW4 WSE 1.17' MSL STREE Δ ليا MW1 BS. WSE .59' WSL MW3 WSE 1.11' MSL WSE 1.59' MSL EAGLE STREET TACO BELL ALAMEDA WSE = WATER SURFACE ELEVATION 1900 WEBSTER STREET ALAMEDA, CALIFORNIA MSL = MEAN SEA LEVEL GROUNDWATER GRADIENT MAP LRA ENVIRONMENTAL 3235 SUNRISE BLVD, STE 5 RANCHO CORDOVA CA 95742 DATE NOT TO SCALE 22 NOV. 96 DRWG. NO. E9170 PLATE NUMBER 18

APPENDIX B

O CUMULATIVE PURGE WATER STABILIZATION PARAMETERS

Taco Bell Alameda CUMULATIVE PURGE WATER STABILIZATION PARAMETERS

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

Monitoring	Casing	Date	Run	Depth	Water	FT. of Wetted	Gallons	Temperature	Salinity	E. C.**	pН
Well	Size		Number		Depth	Casing	Pumped*	(Degrees Celsius)		(umhos)	
MW1	4"	1 September 93	1	18.43	4.44	13.99	9.1	22	1	1200	6 26
		1 September 93	2	18.43	4.44	13.99	9.1	22	1	1200	6.27
		1 September 93	3	18.43	4.44	13.99	9.1	21	1	1100	6.35
		1 September 93	4	18.43	4.44	13.99	9.1	21	-1	1000	6.28
		1 September 93	5	18.43	4.44	13.99	9.1	21	-1	1000	6.31
· · · · · ·											
MW2	4"	1 September 93	1	17.71	4.03	13.68	9.1	24	1	1700	6.45
		1 September 93	2	17.71	4.03	13.68	9.1	24	1	1600	6.46
		1 September 93	3	17 71	4.03	13.68	91	23	1	1400	6.61
		1 September 93	4	17.71	4.03	13.68	9.1	23	-1	1500	6.64
		1 September 93	5	17.71	4.03	13.68	9.1	23	1	1500	6.62
					-						
MW3	4"	1 September 93	1	17.40	3 52	13.88	9.1	23	1	1300	6 34
		1 September 93	2	17.40	3.52	13.88	9.1	17	1	1300	6.36
		1 September 93	3	17.40	3.52	13.88	9.1	17	1	1300	6.40
		1 September 93	4	17.40	3.52	13.88	9.1	18	1	1200	6.41
		1 September 93	5	17.40	3.52	13.88	9.1	18	11	1100	6.61
											1
MW4	4"	1 September 93	1	18.5	3.61	14.89	98	24	3	1900	6.30
		1 September 93	2	18.5	3.61	14.89	98	22	2	17.50	6.10
		1 September 93	3	18.5	3.61	14.89	98	22	2	16.00	6.24
	1 Sept		4	18.5	3.61	14.89	9.8	22	1	12.50	6 41
	1 Septe		5	18.5	3.61	14.89	9.8	18	1	12.50	6 40

Monitoring	Casing	Date	Run	Depth	Water	FT. of Wetted	Gallons	Temperature	Salinity	E. C.**	pН
Well	Size		Number		Depth	Casing	Pumped*	(Degrees Celsius)		(umhos)	
MW1	4"	6 December 93	1	17.69	3.61	14.08	9.1	21	0	650	6.50
	·	6 December 93	2	17.69	3.61	14.08	9.1	22	0	650	6.50
		6 December 93	3	17.69	3.61	14.08	9.1	22	0	645	6.86
		6 December 93	4	17.69	3.61	14.08	91	22	0	645	6.84
		6 December 93	5	17.69	3.61	14.08	91	22	0	645	6.85
MW2	4"	6 December 93	1	17.74	4 08	13.66	90	20	0	600	6.30
	·	6 December 93	2	17.74	4 08	13.66	9.0	20	0	610	6.33
		6 December 93	3	17 74	4.08	13.66	9.0	21	0	610	6.54
		6 December 93	4	17.74	4.08	13.66	9.0	21	0	610	6 55
		6 December 93	5	17.74	4.08	13.66	9.0	21	0	610	6.56
MW3	4"	6 December 93	1	18.48	3.58	14,9	10.0	20	0	6.40	6.68
		6 December 93	2	18.48	3.58	14,9	10.0	21	0	6.40	6.69
		6 December 93	3	18.48	3.58	149	10.0	21	0	6.25	6.52
		6 December 93	4	18.48	3.58	14.9	10.0	21	0	6 20	6 53
		6 December 93	5	18.48	3 58	14.9	10.0	21	0	6 20	6.53
MW4	4"	6 December 93	1	18 58	4.35	14.23	9.5	19	0	5.20	6.50
174 17 7	•	6 December 93	2	18.58	4.35	14.23	9.5	20	0	5.25	6 5 5
		6 December 93	3	18.58	4.35	14 23	9.5	20	0	5.10	6.53
		6 December 93	4	18.58	4.35	14.23	95	20	0	5.10	6.58
		6 December 93	5	18.58	4.35	14 23	9.5	20	0	5.10	6.58

Taco Bell Alameda CUMULATIVE PURGE WATER STABILIZATION PARAMETERS cont.

Taco Bell Ala	ımeda	CUMULATIVE P								20 0 4 4	
Monitoring	Casing	Date	Run	Depth	Water	FT. of Wetted	Gallons	Temperature	Salinity	E.C.**	pН
Well	Size		Number		Depth	Casing	Pumped*	(Degrees Celsius)		(umhos)	
										440	
MW1	4"	14 April 95	1	17.78	3.68	14.1	9.5	20	0	610	
		14 April 95	2	17.78	3.68	14.1	9.5	20	0	620	ı
		14 April 95	3	17.78	3.68	14.1	9.5	20	0	621	
		14 April 95	4	17.78	3.68	14.1	9.5	20	0	621	
		14 April 95	5	17.78	3.68	14.1	9.5	20	0	621	j
		14 April 95	6	17.78	3.68	14.1	9.5	20	0	630	į
		14 April 95	7	17.78	3.68	14.1	9.5	20	0	630	
		14 April 95	8	17.78	3.68	14.1	9.5	20	0	625	ļ. <u>. — — — — — — — — — — — — — — — — — — </u>
MW2	4"	14 April 95	1	17.71	3.18	14.53	10.0	21	0	590	i I
		14 April 95	2	17.71	3.18	14.53	10.0	21	0	590	ĺ
		14 April 95	3	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	4	17.71	3.18	14.53	10.0	21	0	590	
1 1		14 April 95	5	17.71	3.18	14.53	10.0	21	0	590	l
		14 April 95	6	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	7	17.71	3.18	14.53	10.0	21	0	590	
		14 April 95	8	17.71	3.18	14.53	10.0	21	0	590	
										\	
MW3	4"	14 April 95	1	18.46	3.1	15.36	10.0	21	1	650	į .
·		14 April 95	2	18.46	3.1	15.36	10.0	21	0.5	660	
		14 April 95	3	18.46	3.1	15.36	10.0	21	0.5	540	
		14 April 95	4	18.46	3.1	15.36	10.0	21	0	525	i
ĺ		14 April 95	5	18.46	3.1	15.36	0	525	l		
		14 April 95	6	18.46	3.1	15.36	10.0	21	0	520	
		14 April 95	7	18.46	3.1	15.36	10.0	21	0	520	i
		14 April 95	8	18.46	3.1	15.36	10.0	21	0	510	
		1									
MW4	4"	14 April 95	1	18.60	3.48	15.12	10.0	22	0	590	ļ
"-"		14 April 95	2	18.60	3.48	15.12	10.0	22	0	580	ĺ
<u> </u>		14 April 95	3	18.60	3.48	15.12	10.0	22	0	600	ĺ
		14 April 95	4	18.60	3.48	15.12	10.0	21	0	610	ĺ
		14 April 95	5	18.60	3.48	15.12	10.0	21	0	610	
1		14 April 95	6	18 60	3.48	15.12	10.0	21	0	610	ĺ
ŀ		14 April 95	7	18.60	3.48	15.12	10.0	21	0	610	ĺ
		14 April 95	8	18.60	3.48	15.12	10.0	21	0	610	
		147411175		10.00		1		 			

^{*} Water

^{**} Electric Conductivity

APPENDIX C

- 0
- 0
- Underground Storage Tank Unauthorized Release/ Contamination Site Report Well Completion Reports and Permit
 17 March 1994 Alameda Department of Environmental Health 0 Correspondence

	UNDERGROUND STORAGE TANK UNAUTHORIZE	ED RELEASE (LEAK) / CONTAMINATION SITE REPORT
EME	RGENCY HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED ? YES NO	FOR LOCAL AGENCY USE ONLY THEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE
REPO	DRT DATE CASE #	DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
0.	NAME OF INDIVIDUAL FILING REPORT PHONE	SIGNED DATE
	<u></u>	
) BY		0)887-7260 (Dan Mundy COMPANY OR AGENCY NAME
REPORTED BY	REPRESENTING OWNER/OPERATOR REGIONAL BOARD LOCAL AGENCY OTHER	DOLAN FOSTER ENTERPRISES
F.	ADDRESS	SUMM FUSIER LINERFEISES
	25546 STREET SCABCARD LA	NE CITY HAY INARD STATE CA 2194546
31.6		1 🛰
SNSIE	DOLAN FOSTER ENTERPRISES UNKNOWN	DAN MUNDY (510) 887-7260
RESPONSIBLE PARTY	ADDRESS	WALLES CA QUELLO
	25546 STREET SEABOARD LAN FACILITY NAME (IF APPLICABLE)	
ž	TACO Bell	DOLAN FOSTER ENTERPRISES (510) 887-7260
SITE LOCATION	ADDRESS	
E LOC	1900 STREET WEBSTER 5	T. CMY ALAMEDIA COUNTY ALAMEDA ZIP 9457
SII	CROSS STREET	
	EAGIE AVE	CONTACT PERSON PHONE
IMPLEMENTING AGENCIES	Alameda County Health Dept	Thomas Peacock 15101271-4320
EMEN	REGIONAL BOARD	PHONE
MP. A		()
ES C	(1) NAME	QUANTITY LOST (GALLONS)
TANC PL VE	GASOLINE	✓ UNKNOWN
SUBSTANCES INVOLVED	(2)	UNKNOWN
	DATE DISCOVERED HOW DISCOVERED INV	ENTORY CONTROL SUBSURFACE MONITORING NUISANCE CONDITIONS
RY/ABATEMENT		NK REMOVAL OTHER GEOTECHNICAL INVESTIGATION
/ABA	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
	M M O D Y Y UNKNOWN HAS DISCHARGE BEEN STOPPED?	REMOVE CONTENTS CLOSE TANK & REMOVE REPAIR PIPING REPAIR TANK CLOSE TANK & FILL IN PLACE CHANGE PROCEDURE
DISCOVE	YES NO VEYES DATE	REPLACE TANK OTHER
l	LECHIPCE OF DISCHARGE	YI C
SOURCE	TANK LEAK X UNKNOWN O	VERFILL RUPTURE/FAILURE SPILL
တွ လ	PIPING LEAK OTHER	ORROSION UNKNOWN OTHER
CASE	CHECK ONE ONLY	
13.5		ORINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
ار الح	CHECK ONE ONLY NO ACTION TAKEN PRELIMINARY SITE ASSESSMEN	T WORKPLAN SUBMITTED POLLUTION CHARACTERIZATION
CURRENT	LEAK BEING CONFIRMED PRELIMINARY SITE ASSESSMEN	T UNDERWAY POST CLEANUP MONITORING IN PROGRESS
ರ ″	REMEDIATION PLAN CASE CLOSED (CLEANUP COMP	LETED OR UNNECESSARY) CLEANUP UNDERWAY
	CHECK APPROPRIATE ACTION(S) EXCAVATE & DISPOSE (EI	D) REMOVE FREE PRODUCT (FP) ENHANCED BIO DEGRADATION (IT)
REMEDIAL ACTION	CAP SITE (CD) EXCAVATE & TREAT (ET)	PUMP & TREAT GROUNDWATER (GT) REPLACE SUPPLY (RS)
REM.	CONTAINMENT BARRIER (CB) NO ACTION REQUIRED (N	
	VACUUM EXTRACT (VE) OTHER (OT) 1c B	e DeTermineD
S F		
COMMENTS		
8		
Ц	,	HSC C5 (890)

Page	_ of	_ ^4.	,		1				Instructio	on Par	m p	blet			31A)	E MELL	NO./S	TATION NO		
Dwner's \	Well No.	-M/	<u> </u>	_	<u>L</u> .				No.							_] []		111		
Date Wor	k Began	8-1	<u>3-</u>	9.	З		_ , Ended &_	<u>- 14-92</u>						LATITU	DE		· · · · · · · · · · · · · · · · · · ·	LCNGITUDE		
Local P	ermit A	gency	<u> Z</u>	N	£ ,	<u> </u>	WATER RESOL	irces M	ANAGEM	ENT				<u> </u>	للل	بِــــــ	سليا		<u> </u>	
Pern	nit No. 🗕	47					Perm	it Date	8-12-	92				L			RS/OT			
			- C	ΕO	LO	GI	C LOG —		-	T-				WELL WELL				······································		
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ļ		DEPT	нт	O	FIRS	τw	ATER(F	L) BELOW S	URFACE					5546	SEAF	BOARE	1	AN E		
OEPTH SURF		ا				I	DESCRIPTION	N		CIT	H_{I}	AYWARD	<u> </u>				CA	945		
Ft. to	FI FI	<u> </u>			escri	be 1	naterial, grain size,	color, etc.		CIT	Υ 			WELL L	OCAT	ION.		TATE 2	ZIP	
٥	20_		Hr	8	ROC	υ. <u>γ</u>	CLAYEY S	ILTY		Ad	ldr	ess <u>19</u>	00 U	JEBSTER S	TREE	T				
		FIN	<u>e –</u>	M	ED	, ;	SAND.			City ALAMEDA										
<u>'</u>							···				ty	LAME	DA							
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ļ		<u>: (G</u>)	NT		A-T	· A	PPROXIMATEL	4 6'.	<u> </u>	Lat	or titi	ude <u>37</u>	, 46,	27 NORTH	Long	itude .	122	16 , 31	WEST	
		-					··		<i>_</i>					SEC. ON SKETCI						
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Page of	- ^^ . 7				Instructio	on Pan	aphiei			314	LE MELL	NO /5	TATION NO
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Date Work Began	8-13-92	 -	Ended	- 19 - 9X					LATITU	UE			LONGITUDE
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<u> </u>	····					METH	юв <u>Нол</u>	rrom ?	TEM Aug				N/A
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TOTAL DEPTH OF C	COMPLETED WEL	L	18 (Feet)			* Ma	y not be repre	esentative o	of a well's lon	g-term	yield.		
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DEPTH FROM SURFACE	BORE. TWO	-211		ASING(S)					EPTH	<u> </u>	ANNU		MATERIAL
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	ruction Diagram		NAME	KOBERT N. FIRM. OR C	- Nici	HOLS	ON						
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DWR USE ONLY - DO NOT STATE OF CALIFORNIA DUPLICATE WELL COMPLETION REPORT Driller's Copy STATE WELL NO./STATION NO Refer to Instruction Pamphlet Page ____ of ___ No. 520952 MW-3Owner's Well No. -LONGITUDE LATITUDE 10-28-96 Ended 10-28-96 Date Work Began _ Local Permit Agency Zone 7 Water Resources Management APN/TRS/OTHER __ Permit Date ____ 9-16-96 96599 Permit No. __ - WELL OWNER - GEOLOGIC LOG Name **Dolan Foster Enterprises** X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY) ORIENTATION (∠) Mailing Address 55546 Seaboard Lane DEPTH TO FIRST WATER _____(Ft) BELOW SURFACE DEPTH FROM Hayward DESCRIPTION SURFACE Describe material, grain size, color, etc. WELL LOCATION. Ft to Address 1900 Webster St. The following procedure was employed for this report. Alameda County Alameda APN Book 73 Page 426 Parcel 12 Cleaned out all bridged materials to the bottom of the well. - LOCATION SKETCH -- ACTIVITY (∠) Pressure grout the casing NEW WELL to the top of the well MODIFICATION/REPAIR *See Attatched vault. ___ Deepen Other (Specify) Well casing plug was reinstalled and tightened. X DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG") Well vault filled with PLANNED USE(S) -(上) _ MONITORING non-shrink grout to the existing ground surface. WATER SUPPLY ____ Domestic The surface was troweled flush with the finished Irrigation groundsurface. __ Industrial "TEST WELL" Grout mixture was allowed ___ CATHODIC PROTEC - SOUTH TION OTHER (Specify) Illustrate or Describe Distance of Well from Landmarks such as Roads. Buildings, Fences, Rivers etc. PLEASE BE ACCURATE & COMPLETE. to cure at ambient temperature. DRILLING FLUID . - WATER LEVEL & YIELD OF COMPLETED WELL -DEPTH OF STATIC _ (Ft) & DATE MEASURED _ WATER LEVEL ... __ (GPM) & TEST TYPE __ ESTIMATED YIELD *___ TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN __ TOTAL DEPTH OF BORING ... * May not be representative of a well's long-term yield TOTAL DEPTH OF COMPLETED WELL ... _ (Feet) ANNULAR MATERIAL CASING(S) DEPTH DEPTH BORE-HOLE FROM SURFACE TYPE FROM SURFACE TYPE (스) INTERNAL GAUGE SLOT SIZE SCREEN CON DUCTOR FILL PIPE RFN-DIA. MATERIAL/ FILTER PACK DIAMETER OR WALL IF ANY MENT TONITE FILL (inches) Ft (inches) Fŧ (inches) to to (<u></u> (4) 3 PVC 40 0 X 10 X 40 .010 3 10 PVC X 12/220 18 sand - CERTIFICATION STATEMENT -ATTACHMENTS (と) I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief ___ Geologic Log NAME ROBERT Nicholson (PERSON FIRM OR CORPORATION) (TYPED OR PRINTED) ... Well Construction Diagram Rancho Cordova Geophysical Log(s) 11500 Sunrise Gold Circle, Suite H ____ Soil Water Chemical Analyses ___ Other __ Signed WELL DRILLER AUTHORIZED WERR SENTATIVE STEACH ADDITIONAL INFORMATION FIT EXISTS CATE SIGNED

OWR USE ONLY STATE OF CALIFORNIA DUPLICATE WELL COMPLETION REPORT Driller's Copy STATE WELL NO./STATION NO Refer to Instruction Pamphlet Page ____ of _ No. 520953 MW-4Owner's Well No. . LONGITUDE 10-28-96 Ended 10-28-96 LATITUDE Date Work Began Local Permit Agency Zone 7 Water Resources Management 9-16-96 96599 _ Permit Date _ Permit No. _ WELJ OWNER -- GEOLOGIC LOG -Name Dolan Foster Enterprises X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY) ORIENTATION (∠) 55546 Seaboard Lane Mailing Address __ DEPTH TO FIRST WATER ______(Ft) BELOW SURFACE 94545 Hayward DEPTH FROM DESCRIPTION SURFACE ZIP Address 1900 Webster St. Describe material, grain size, color, etc to Ft. The following procedure was Alameda employed for this report. County Alameda APN Book 73 Page 426 Parcel 12 Cleaned out all Bridged Township Range Section Latitude OFG. MIN. SEC. materials to the bottom 122 16 31 WEST of the well. DEG. MIN - ACTIVITY (∠) - LOCATION SKETCH -Pressure grout the casing NEW WELL NORTH to the top of the well MODIFICATION/REPAIR vault. *See Attatched ___ Deepen Other (Specify) 3) Well casing plug was X DESTROY (Describe reinstalled and tightened. Procedures and Materials Under "GEOLOGIC LOG") PLANNED USE(S) -Well vault filled with (∠) MONITORING non-shrink grout to the existing ground surface. WATER SUPPLY ____ Domestic The surface was troweled ___ Public flush with the finished Irrigation ground surface. _ Industrial "TEST WELL" Grout mixture was allowed CATHODIC PROTEC - SOUTH to cure at ambient OTHER (Specify) Illustrate or Describe Distance of Well from Landmarks such as Roads. Buildings, Fences, Rivers, etc PLEASE BE ACCURATE & COMPLETE. temperature. DRILLING FLUID . METHOD - WATER LEVEL & YIELD OF COMPLETED WELL -DEPTH OF STATIC _ (Ft.) & DATE MEASURED ___ WATER LEVEL ESTIMATED YIELD (GPM) & TEST TYPE ____ TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN __ TOTAL DEPTH OF BORING _ * May not be representative of a well's long-term yield TOTAL DEPTH OF COMPLETED WELL (Feet) ANNULAR MATERIAL CASING(S) DEPTH DEPTH FROM SURFACE BORE. FROM SURFACE TYPE (∠) HOLE SLOT SIZE INTERNAL GAUGE CE- BEN-MENT TONITE DIA. MATERIAL/ SCREEN CON DUCTOR FILL PIPE FILTER PACK OR WALL IF ANY DIAMETER FILL GRADE (inches) (TYPE/SIZE) (Inches) Ft. Ft to Ft (Inches) Ft. to (스) [(스)] 3 PVC 4 40 0 X 10 5 X 10 PVC .010 3 40 0 188 18 12/220 sand - CERTIFICATION STATEMENT . - ATTACHMENTS (∠) I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief. Geologic Log Robert Nicholson NAME (PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED) Well Construction Diagram Rancho Cordova Geophysical Log(s) 11500 Sunrise Gold Circle, Suite H ___ Soil. Water Chemical Analyses ADDRESS Other Signed _______WELL_DRILLER_AUTHORIZED_REPRESENTATIVE ATTACH ADDITIONAL INFORMATION F T EXISTS DATE SIGNED IF ADDITIONAL SPACE IS NEEDED USE NEXT CONSECUTIVELY NUMBERED FORM



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

(510) 484-2600

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE	FOR OFFICE USE
CONTION OF PROJECT Taco Bell 1900 Webster Street	PERMIT NUMBER 92387 LOCATION NUMBER
lameda, California	
Dolan Foster Enterprises dress 55546 Seaboard Liphone Hayward, CA zip 94545	PERMIT CONDITIONS Circled Permit Requirements Apply
Process 3235 Sunrise Blackone 910 631-4455 The seast 3235 Sunrise Blackone 910 631-4455 The Rancho Cordova Gap 95742 The Construction General Investigation Cathodic Protection General Contamination X wall Destruction The Supply Contamination X wall Destruction RECOSED WATER SUPPLY WELL USE of sile industrial other Analysis in regulation if required by A.C.E.H.D. RECOSED WATER SUPPLY WELL USE Other Analysis in regulation if required by A.C.E.H.D. RELING METHOD: ALC. E.H.D. AUGER'S LICENSE NO. C-57 #620700	A. GENERAL 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting data. 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects. 3. Permit is void if project not begun within 90 days of approval date. B. WATER WELLS, INCLUDING PIEZOMETERS 1. Minimum surface seal thickness is two inches of cement grout placed by tremie. 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
PROJECTS Drill Hole Diameter 10 in. Maximum Casing Diameter 4 in. Depth 20 ft. Surface Seal Dapth ft. Number 4 OTECHNICAL PROJECTS Number of Borings Maximum fole Diameter in. Depth ft. STIMATED STARTING DATE AM 8-12-92 THATED COMPLETION DATE PM 8-14-92 hereby agree to comply with all requirements of this mait and Alameda County Ordinance No. 73-68.	C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings. D. CATHODIC. Fill hole above anode zone with concrete placed by tremie. E. WELL DESTRUCTION. See attached. Approved Annual Annual Date 11 Aug 92 Wyman Hong
PLICANT'S Pale A Me Dolor 8-10-9	51991

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

March 17, 1994

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

STID 3695

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

Dear Mr. Mundy,

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

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

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

Sincerely,

Juliet Shin

Hazardous Materials Specialist

cc: Robert Nicholson LRA Environmental

3235 Sunrise Blvd., Ste E Rancho Cordova, CA 95742

Edgar Howell-File(JS)

APPENDIX D

- CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
 CUMULATIVE GROUNDWATER SAMPLE ANALYTICAL RESULTS 0
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CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS

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

Sample Location	Sample Date	Analysis Date	Constituent	Test	Reorting	Analytical Result
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C====1= #4	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND
Sample #1	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND.
	3-3di1-92	3-0411-3 <u>2</u>	Casomic	217(0000	т.о рртт	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Sample #2	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	
<u> </u>	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	HALLIND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	NO E
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	A SECTION NO.
Sample #3	3-Jun-92	3-Jun-92	Benzene	EPA 8020		
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND:
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND :
					2 22 5	Construction like it is a Construction of the
Sample #4	3-Jun-92	3-Jun-92	Benzene	EPA 8020		
	3-Jun-92	3-Jun-92	Toluene	EPA 8020		
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	ND:
Sample #5	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	anajilanga NDA, ka
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	. Lamba ND.,
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	
01-#6	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	
Sample #6	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND
	3-Jun-92	3-Jun-92	Ethylbenzen		0.005 ppm	CARLAND .
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020		
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030		ND:
	- 3-0411-02	0 0 0 0 0 0 0 0 0	343313			Additional and The Sale
Sample #7	3-Jun-92	3-Jun-92	Benzene	EPA 8020	0.005 ppm	ND:
- Cumpioni	3-Jun-92	3-Jun-92	Toluene	EPA 8020		
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	TO NO
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	in ND.
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	, ≛ d. °ND.
		0.1400	D	EDA 0000	0.00E 2222	∴ ND:
Sample #8	3-Jun-92	3-Jun-92	Benzene	EPA 8020		S ND
	3-Jun-92	3-Jun-92	Toluene	EPA 8020	0.005 ppm	ND ND
	3-Jun-92	3-Jun-92	Ethylbenzen	EPA 8020	0.005 ppm	Z ND
	3-Jun-92	3-Jun-92	Xylenes	EPA 8020	0.015 ppm	ND ND
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	1.0 ppm	T IAD

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

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Method	Reporting	Analytical Result
	•	ļ			Detection	Limit	
-							
E1-3-II	7'-7.5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	1.0 ppm	DN
		19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Toluene	EPA 8020	0.005 ppm	- DN
1		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.005 ppm	- IND
İ		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.015 ppm	ND.
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	. IND
l							
E2-2-II	6'-6.5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030	1.0 ppm	DM
	·	19-Dec-91	31-Dec-91	Benzene	EPA 8020	0.005 ppm	ND
		19-Dec-91	31-Dec-91	Toluene	EPA 8020		
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020	0.005 ppm	P ND
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020	0.015 ppm	
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	ND.
					F5.4 F000	00.0	00000
E4-1-II	1.5'-2'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030		8000 0 ppm
		19-Dec-91	31-Dec-91	Benzene	EPA 8020		8.2 ppm
		19-Dec-91	31-Dec-91	Toluene	EPA 8020		200.0 ppm
		19-Dec-91	31-Dec-91	Ethylbenzene	EPA 8020		110.0 ppm
		19-Dec-91	31-Dec-91	Xylenes	EPA 8020		760.0 ppm
		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	THE NOTICE OF
		<u> </u>			L	<u> </u>	
E6-1-I	4.5'-5'	19-Dec-91	31-Dec-91	Gasoline	EPA 5030		110.0 ppm
		19-Dec-91	31-Dec-91	Benzene		0.025 ppm	
		19-Dec-91	31-Dec-91	Toluene		0.025 ppm	
		19-Dec-91	31-Dec-91	Ethylbenzene		0.025 ppm	2.2 ppm
		19-Dec-91	31-Dec-91	Xylenes		0.075 ppm	
Į Į		19-Dec-91	8-Jan-92	Organic Lead	DOHS	0.1 ppm	A GRANDERS

LRA Project Number: E9170 (Taco Bell) Geotechnical Sampling

			iber. E9170		necimical Sa		
Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Method		Analytical Result
•			<u> </u>		Detection	Limit	al called that
					"-		
U14-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND .
- 17 17	- 	21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND 'S
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ND:
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	140.0 ppm
		21-Jan-92	24-Jan-92	Benzene	EPA 8020		ND
	<u> </u>			Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92				AND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.003 ppm	ND
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	arc market of Charles are
		21-Jan-92	24-Jan-92	Gasoline	TEH EPA 5030	1.0 ppm	### ND
U15-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1,0 ppm	ND
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	L CHIND
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	ge sa ND a nade. t
`		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	a an NO capaci
	 	21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Toluene	EPA 8020		i ND III
1					EPA 8020		ND -
	 	21-Jan-92	24-Jan-92	Ethylbenzene Yylones	EPA 8020	0.000 ppill	ND
		21-Jan-92	24-Jan-92	Xylenes		4.0 no ppm	ND
	}	21-Jan-92	24-Jan-92	Gasoline	1FH EPA 5030	1.0 ppm	Programme
U16-1-I	5,5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	San Talanda
010-1-1	5.5-0		3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND:
		21-Jan-92	29-Jan-92		STLC 7420		
		21-Jan-92		Lead		EO O ppm	ND
	<u> </u>	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	00.0 ppm	AND AND
\		21-Jan-92	24-Jan-92	Benzene	EPA 8020		
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020		ND.
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1.0 ppm	ND:
				IZ	EDA 2045	40 000	as erandaria
U17-1-I	5.5'-6'	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	1.0 ppm	Section Devices
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	AND PROBLEM
		21-Jan-92	29-Jan-92	Lead	STLC 7420		ND
1		21-Jan-92	29-Jan-92	TRPH	TRH 418.1		ND.
		21-Jan-92	24-Jan-92	Benzene	EPA 8020		, ND.
		21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	ND.
		21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	ND E
		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030	1,0 ppm	ND: 4
		Γ				1	3 XXIII 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
U18-1-I	5.5'-6'			Kerosine	EPA 8015		ND.
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND I
1		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	
	<u> </u>	21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	
	J	21-Jan-92	24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	
		21-Jan-92	24-Jan-92	Xylenes	EPA 8020	0.015 ppm	
1		21-Jan-92	24-Jan-92	Gasoline	TFH EPA 5030		ND
U18-2-J	9.5'-10'		3-Feb-92	Kerosine	EPA 8015	1.0 ppm	ND:
		21-Jan-92	3-Feb-92	Diesel	EPA 8015	1.0 ppm	ND' 🚵 👵
		21-Jan-92	29-Jan-92	Lead	STLC 7420	0.05 ppm	
		21-Jan-92	29-Jan-92	TRPH	TRH 418.1	50.0 ppm	
		21-Jan-92	24-Jan-92	Benzene	EPA 8020	0.005 ppm	
1	<u> </u>	21-Jan-92	24-Jan-92	Toluene	EPA 8020	0.005 ppm	
	 		24-Jan-92	Ethylbenzene	EPA 8020	0.005 ppm	
	<u> </u>	21-Jan-92		Xylenes	EPA 8020	0.015 ppn	
<u> </u>	<u> </u>	21-Jan-92	24-Jan-92		TFH EPA 5030		ND ND
	<u> </u>	21-Jan-92	24-Jan-92	Gasoline	LIEU ELY 2020	1.0 ppin	1112

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date		Reporting Limit	Analytical Result
				Semi Volatile Organics		
				(Modified Method 8270)		
Waste Oil	2' & 3'	13-Jul-92	14-Jul-92	Acenaphthene	0.3 ppm	ND
POLYNUCLEAR AROM	Composite			Acenaphthylene	0.3 ppm	IND
	i '	<u> </u>		Anthracene	0.3 ppm	- ND
				Benzo[a]pyrene	0.3 ppm	ND
				Benzo[b]fluoranthene	0.3 ppm	ND.
				Benzo[g,h,i]perylene	0.3 ppm	III ND
				Benxyl alcohol	0.3 ppm	ND:
				Benzo[k]fluoranthene	0.3 ppm	ND :
ļ	<u> </u>			Chrysene	0.3 ppm	ND
				Dibenzo[a,h]anthracene	0.3 ppm	ND:
				Fluoranthene	0.3 ppm	ND
	1			Flourene	0.3 ppm	ND
				Indeno(1,2,3-c,d)pyrene	0.3 ppm	ND:
	l I			Naphthalene	0.3 ppm	ND
				Pheneanthrene	0.3 ppm	# IND
				Pyrene	0.3 ppm	ND
	†	 				
POLYCHLOROBIPHEN				AROCLOR 1016	0.6 ppm	ND
POLICALOROBIFACIO	{			AROCLOR 1221	0.6 ppm	ND
			<u> </u>	AROCLOR 1232	0.6 ppm	NO
		<u> </u>		AROCLOR 1242	0.6 ppm	ND
				AROCLOR 1248	0.6 ppm	ND
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			AROCLOR 1254	0.6 ppm	ND
	l		<u> </u>	AROCLOR 1260	0.6 ppm	ND,
				AROCLOR 1280	U.G ppini	
ANILINES	 			4-Chloroaniline	0.6 ppm	ੂ ⊲ND ~
AMENTEO	1			2-Nitroaniline	1.5 ppm	ND
	t	 		3-Nitroaniline	1.5 ppm	ND
				4-Nitroaniline	1.5 ppm	ND
	+		 		<u> </u>	
DUCKO O	 			pentachlorophenol	0.3 ppm	ND
PHENOLS	-		 	Phenol	0.3 ppm	ND
				2-Chlorophenol	0.3 ppm	ND
	}	 	 	2-Methylphenol	0.3 ppm	, ND
				4-Methylphenol	0.3 ppm	ND
	1			2-Nitrophenol	0.3 ppm	: ND
	1	 	 	2,4-Dichlorophenol	0.3 ppm	ND
	İ			4-Chloro-3-methylphenol	0.3 ppm	ND
				2,4,5-Trichlorophenol	0.3 ppm	ND
	1	}	<u> </u>	2,4,6-Trichlorophenol	0.3 ppm	ND
		ļ	<u> </u>	4-Nitrophenol	0.3 ppm	ND
	1		 	<u> </u>	0.3 ppm	ND
	<u> </u>		<u> </u>	2-Methyl-4,6-dinitrophenol	u.s ppm	IND
	<u> </u>					l vic
CREOSOTE		<u></u>			0.3 ppm	ND

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

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting	Analytical Result
•	ŕ				Limit	
Waste Oil	2' & 3'	13-Jul-92	15-Jul-92	Purgeable Organics		
	Composite			Modified Method (8240LL)		
	,			·		
				1,1,1-trichloroethane	5.0 ppb	a a a NO
				1,1,2,2-tetrachloroethane	5.0 ppb	ND
				1,1,2-trichloroethane	5.0 ppb	. NO
 		·		1,1-dichloroethane	5.0 ppb	ND .
				1,1-dichloroehene	5.0 ppb	ND
				1,2-dichlorobenzene	5.0 ppb	
		İ		1,2-dichloroethane	5.0 ppb	ND:
				1,2-dichloropropane	5.0 ppb	ND in i
				1,3-dichlorobenzene	5.0 ppb	ND
Į.		ļ		1,4-dichlorobenzene	5.0 ppb	NO MARKET
		i		2-chloroethylvinyl ether	5.0 ppb	ND-
				benzene	5.0 ppb	ND
				bromodichloroethane	5.0 ppb	
				bromomethane	10.0 ppb	ND
1				carbon tetrachloride	5.0 ppb	ND seek
				chiorobenzene	5.0 ppb	ND
\\ \				chloroethane	10.0 ppb	SASSAMNDA SASSAS
				chloroform	5.0 ppb	ND
		1		chloromethane	10.0 ppb	TO BE NO TO THE
				cis-1,3-dichloropropene	5.0 ppb	NO.
] }		dibromochloromethane	5.0 ppb	ND:
		ĺ		ethylbenzene	5.0 ppb	SECTION 1
[Į		tetrachioroethene	10.0 ppb	a. Pitand
				toluene	5.0 ppb	ND
				total zylenes	15.0 ppb	ND
				trans-1,2-dichloroethene	5.0 ppb	ND.
]		trans-1,3-dichloropropene	5.0 ppb	De Milliand
1	1			trichloroethene	5.0 ppb	L. RELIND
				trichlorofluoromethane	10.0 ppb	ND
1	Ì]		vinyl chloride	10.0 ppb	4 44 2 20 00000
	<u> </u>	<u> </u>	<u> </u>	111.7. 37.101.00		5 a.v. × × × × × × × × × × × × × × × × × ×

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting	Analytical
	,		-		Limit	Result
				Semi Volatile Organics		
				(Modified Method 8270)		
Waste Oil	10'	13-Jul-92	14-Jul-92	Acenaphthene	0.3 ppm	ND
POLYNUCLEAR AROM				Acenaphthylene	0.3 ppm	ND
POLTNOCLEAR AROM				Anthracene	0.3 ppm	ND
		<u> </u>		Benzo[a]pyrene	0.3 ppm	ND
				Benzo[b]fluoranthene	0.3 ppm	ND
				Benzo[g,h,l]perylene	0.3 ppm	ND
				Benxyl alcohol	0.3 ppm	ND
	ľ			Benzo[k]fluoranthene	0.3 ppm	ND
				Chrysene	0.3 ppm	ND.
	ĺ			Dibenzo[a,h]anthracene	0.3 ppm	ND &
				Fluoranthene	0.3 ppm	ND
				Flourene	0.3 ppm	ND.
	1			Indeno(1,2,3-c,d)pyrene	0.3 ppm	, ND
				Naphthalene	0.3 ppm	ND :: .:
	İ			Pheneanthrene	0.3 ppm	ND
	İ			Pyrene	0.3 ppm	ND.
	<u> </u>				<u> </u>	
POLYCHLOROBIPHEN	 	i e		AROCLOR 1016	0.6 ppm	ND.
7 OLTOTALORIODII TILIT				AROCLOR 1221	0.6 ppm	ND
		}		AROCLOR 1232	0.6 ppm	ND
	Į			AROCLOR 1242	0.6 ppm	ND
			<u> </u>	AROCLOR 1248	0.6 ppm	ND
	[AROCLOR 1254	0.6 ppm	ND
				AROCLOR 1260	0.6 ppm	ND
	<u> </u>	 		T T	 	
ANILINES	<u> </u>	<u> </u>	<u> </u>	4-Chloroaniline	0.6 ppm	ma ND
AIVILINES	<u> </u>			2-Nitroaniline	1.5 ppm	ND
				3-Nitroaniline	1.5 ppm	ND
	}	<u> </u>	<u> </u>	4-Nitroaniline	1.5 ppm	ND
	<u> </u>	 	<u></u>		1 55	
	 	 	<u> </u>	n onto oble rombor of	0.3 ppm	 (ND
PHENOLS	Į			pentachlorophenol		120. 31
	1		<u></u>	Phenol	0.3 ppm	ND
	[<u></u>	2-Chlorophenol	0.3 ppm	ND ND
	1			2-Methylphenol	0.3 ppm	ND ND
	[4-Methylphenol	0.3 ppm 0.3 ppm	, ND
				2-Nitrophenol 2,4-Dichlaraphenol	0.3 ppm	3ND
	1		<u> </u>	4-Chioro-3-methylphenol	0.3 ppm	ND
					0.3 ppm	ND
	1	.		2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	0.3 ppm	ND ND
				4-Nitrophenol	0.3 ppm	ND
		<u> </u>		2-Methyl-4,6-dinitrophenol	0.3 ppm	ND
	<u> </u>	 	<u> </u>	Z-ivieutyi-4,0-uitiliuopitetiot	J o.o ppin	1 110
	<u> </u>				L 0 0	<u> </u>
CREOSOTE	<u> </u>	<u> </u>	<u> </u>	L	0.3 ppm	ND

LRA Project Number: E9170 (Taco Bell) Soil Analysis

Sample Location	Depth	Sample Date	Analysis Date	Constituent Tested	Reporting	Analytical Result
Sample Location	Берит	Sample Date	Allalysis Date	Oomstituoni rootou	Limit	
		10 1 100	45 1.100	Dona alla Omania	Lillik	
Waste Oil	10'	13-Jul-92	15-Jul-92	Purgeable Organics		
				Modified Method (8240LL)		
			ľ			At the Chillians of the Leating Co.
				1,1,1-trichloroethane	5.0 ppb	NO
\\			!	1,1,2,2-tetrachloroethane	5.0 ppb	ND
			•	1,1,2-trichloroethane	5.0 ppb	ND
		<u> </u>		1,1-dichloroethane	5.0 ppb	ND
				1,1-dichloroehene	5.0 ppb	ND
		ļ		1,2-dichlorobenzene	5.0 ppb	ND
		j		1,2-dichloroethane	5.0 ppb	n sala ND
				1,2-dichloropropane	5.0 ppb	ND
ľ]		1,3-dichlorobenzene	5.0 ppb	
				1,4-dichlorobenzene	5.0 ppb	ND
1				2-chloroethylvinyl ether	5.0 ppb	ND ND
				benzene	5.0 ppb	ND ND
		į		bromodichloroethane	5.0 ppb	DN
				bromomethane	10.0 ppb	ND
j		į l		carbon tetrachloride	5.0 ppb	ND
				chlorobenzene	5.0 ppb	Harri ND Albert
				chloroethan e	10.0 ppb	ND
				chloroform	5.0 ppb	MD D
				chloromethane	10.0 ppb	ND
\\		1		cis-1,3-dichloropropene	5.0 ppb	ND ND
		1		dibromochloromethane	5.0 ppb	ND
1				ethylbenzene	5.0 ppb	ND
				tetrachloroethene	10.0 ppb	ND
<u> </u>		ļ		toluene	5.0 ppb	9.8 ppb
		j		total zylenes	15.0 ppb	22.0 ppb
		l		trans-1,2-dichloroethene	5.0 ppb	- THE NO.
		I		trans-1,3-dichloropropene	5.0 ppb_	ND.
				trichloroethene	5.0 ppb	· MARIND!
))]		trichlorofluoromethane	10.0 ppb	. ND
	ı			vinyl chloride	10.0 ppb	MAND.

CUMULATIVE GROUNDWATER SAMPLE ANALYTICAL RESULTS

Commission I assisted	Sample Date	Analysis Date	Constituent	Test	Reporting	Analytical Result
Sample Location	Sample Date	Allalysis Date	Tested	Method	Limit	i diminina
			, , , , , ,	10.00.100		
MW#1	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5.0 ppm	· ND
141AA14.1	14-Apr-33	17-Apr-35	Oil & Glease	Er A 33 10/8010	3.0 ppm	(xD , ,
	10/0/00	40/47/00	O'I A O	EDA 0540/0070	F 0	
MW#1	12/6/93	12/17/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	12/6/93	12/7/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	12/6/93	12/10/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND.
	12/6/93	12/10/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	12/6/93	12/7/93	Benzene	EPA 5030/602	0.30 ppb	ND.
	12/6/93	12/7/93	Toluene	EPA 5030/602	0.30 ppb	: ··· OM:
	12/6/93	12/7/93	Ethylbenzene	EPA 5030/602	0.30 ppb	TO SERVICE TO SERVICE
	12/6/93	12/7/93	Xylenes	EPA 5030/602	0,60 ppb	DM
		7/10/00	0100	ED 1 0540 10070		3.348
MW#1	9/1/93	9/13/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ND
	9/1/93	9/8/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND
	9/1/93	9/9/93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	9/1/93	9/9/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND.
1	9/1/93	9/8/93	Benzene	EPA 5030/602	0.30 ppb	ND
	9/1/93	9/8/93	Toluene	EPA 5030/602	0.30 ppb	aND
	9/1/93	9/8/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND :
	9/1/93	9/8/93	Xylenes	EPA 5030/602	0.60 ppb	ND
		_				
MW#1	1/4/93	1/12/93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	1/4/93	1/5/93	TPH Gasoline	EPA 5030	0.05 ppm	. YND
	1/4/93	1/12/93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
	1/4/93	1/12/93	TPH Kerosene	EPA 8015 mod.	0.5 ppm	ND
	1/4/93	1/5/93	Benzene	EPA 602	0.30 ppb	ND.
	1/4/93	1/5/93	Toluene	EPA 602	0.30 ppb	ND
						
	1/4/93	1/5/93	Ethylbenzene	EPA 602	0.30 ppb	ND NO
	1/4/93	1/5/93	Xylenes	EPA 602	0.90 ppb	ND: :
MW#1	1/4/93	1/6/93	Constituent Te	sted (Volatile Org	anic EPA Method	1 M624)
MW#1	1/4/93	1/6/93	Constituent Te	sted (Volatile Orga	anic EPA Method	M624)
MW#1	1/4/93	1/6/93	Constituent Te		anic EPA Method	M624)
MW#1	1/4/93	1/6/93		thane		
MW#1	1/4/93	1/6/93	1,1,1-trichloroe	thane oroethane	5 0 ppb	asia a ND ee a
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl	thane oroethane thane	5 0 ppb 5.0 ppb	ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe	thane oroethane thane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroehe	thane oroethane thane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb	ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,1-dichloroehe 1,2-dichloroben	thane oroethane thane ane ene ezene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,1-dichloroehe 1,2-dichloroeth	thane oroethane thane ane ene izene ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth	thane oroethane thane ane ne zene ane pane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloropro 1,3-dichloroben	thane oroethane thane ane ne zene ane pane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,3-dichloroben 1,4-dichloroben	thane oroethane thane ane ore see ane zene ane pane zene zene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeth 1,2-dichloropro 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir	thane oroethane thane ane ore see ane zene ane pane zene zene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 1,4-dichloroben 2-chloroethylvir benzene	thane oroethane thane ane ore sene ane pane cane ane pane pane czene azene izene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropro 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene	thane oroethane thane ane ore sene ane pane pane zene azene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropo 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene bromodichloroe	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropro 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropo 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene bromodichloroe	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropen 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachl	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropen 1,3-dichloroben 1,4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chlorobenzene chloroethane	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroeh 1,2-dichloroeh 1,2-dichloropen 1,3-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane	thane oroethane thane ane ene szene ane pane zene zene izene izene izene iyi ether	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 1,3-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroform chloromethane	thane oroethane thane ane one szene ane pane zene szene szene szene szene szene thane oride	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroehe 1,2-dichloroehe 1,2-dichloroehe 1,2-dichloropen 1,2-dichloropen 1,3-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane chloroform chloromethane cis-1,3-dichloro	thane oroethane thane ane one szene ane pane zene izene izene izene izene oride propene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloropen 1,3-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochlororo	thane oroethane thane ane one szene ane pane zene izene izene izene izene oride propene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 1,2-dichloroben 1,4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chlorobenzene chloroethane chloroform chloromethane cis-1,3-dichloro dibromochloroe ethylbenzene	thane oroethane thane ane one szene ane pane sze	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1,1,1-trichloroe 1,1,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 1,3-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachl chloroetnane chloroetnane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethe	thane oroethane thane ane one szene ane pane sze	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,1-dichloroeth 1.1-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.4-dichloroeth 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachl chlorobenzene chloroetmane chloroform chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethetoluene	thane oroethane thane ane one szene ane pane sze	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,1-dichloroeth 1.1-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroben 1.4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane chloromethane chloromethane cis-1,3-dichloro dibromochloroe tetrachloroethylbenzene tetrachloroethe toluene total zylenes	thane oroethane thane ane ane pane zene ane zene zene tyl ether thane propere nethane	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,1-dichloroeth 1.1-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.4-dichloroeth ane oroethane thane ane ane pane zene ane zene zene tyl ether thane propene nethane	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N	
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,2-dichloroehe 1.2-dichloroehe 1.2-dichloroben 1.2-dichloroben 1.2-dichloroben 1.2-dichloroben 1.4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane chloroethane chloroethane thloromethane cis-1,3-dichloro ethylbenzene tetrachloroethe toluene total zylenes trans-1,2-dichloroethe trans-1,3-dichloroethe total zylenes	thane oroethane thane ane ane pane zene ane zene zene iyi ether thane propere nethane ne	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,1-dichloroeth 1.1-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.2-dichloroeth 1.4-dichloroeth ane oroethane thane ane ane pane zene ane zene zene iyi ether thane propere nethane ne	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N	
MW#1	1/4/93	1/6/93	1.1,1-trichloroe 1.1,2-tetrachl 1.1,2-trichloroe 1.1,2-dichloroehe 1.2-dichloroehe 1.2-dichloroben 1.2-dichloroben 1.2-dichloroben 1.2-dichloroben 1.4-dichloroben 2-chloroethylvir benzene bromodichloroe bromomethane carbon tetrachle chloroethane chloroethane chloroethane chloroethane thloromethane cis-1,3-dichloro ethylbenzene tetrachloroethe toluene total zylenes trans-1,2-dichloroethe trans-1,3-dichloroethe total zylenes	thane oroethane thane ane ene szene ane pane zene iyi ether thane propere nethane ne	5 0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND

Sample Location	Sample Date	Analysis Date		Tested	Method	Analytical
Dample Location	Cumple Bate	, analysis Bate		100,00	Detection	Result
			Semi Volatile	Organics		
	{	į į	(EPA Method	-		
MW#1	4-Jan-93	6-Jan-93	Acenaphthene		10.0 ppb	ND:
POLYNUCLEAR AROM			Acenaphthylene		10.0 ppb	ND
. 02.110 022,			Anthracene		10.0 ppb	ND
		<u> </u>	Benzo[a]pyrene		10.0 ppb	×dN⊳
		Benzo[b]fluoranthene		10.0 ppb	NO.	
			Benzo[g,h,l]peryle	ne	10.0 ppb	ND
			Benxyl alcohol		20.0 ppb	NO
			Benzo[k]fluoranthe	ene	10.0 ppb	מא
			Chrysene		10.0 ppb	MD
			Dibenzo[a,h]anthr	acene	10.0 ppb	ND
			Fluoranthene		10.0 ppb	ND
			Flourene		10.0 ppb	ND
			Indeno(1,2,3-c,d)p	oyrene	10.0 ppb	ND
			Naphthalene		10.0 ppb	ND
		L	Pheneanthrene		10.0 ppb	ON
		<u> </u>	Pyrene		10.0 ppb	ND
	<u> </u>	L	<u> </u>			
POLYCHLOROBIPHEN			AROCLOR 1016		50.0 ppb	ND :
			AROCLOR 1221		50.0 ppb	ND
			AROCLOR 1232		50.0 ppb	D
		L	AROCLOR 1242		50.0 ppb	ND
			AROCLOR 1248		50.0 ppb	ND
			AROCLOR 1254		50.0 ppb	ND
	<u></u>		AROCLOR 1260		50.0 ppb	te. ND
1000000	<u> </u>	<u> </u>	4-Chloroaniline		20.0 ppb	Sac ND at
ANILINES		<u>-</u>	2-Nitroaniline		50.0 ppb	NO
	ļ	ļ				
	<u></u>		3-Nitroaniline	 	50 0 ppb	ND
		<u> </u>	4-Nitroaniline		50.0 ppb	, ND
		<u> </u>			10.0 ppb	· · · · Kith
PHENOLS	<u></u>		pentachloropheno	·I		
	ļ	ֈ	Phenol		10.0 ppb	
		 	2-Chlorophenol 2-Methylphenol		10.0 ppb 10.0 ppb	NE
	ļ	 	4-Methylphenol		10.0 ppb	ND
		 	2-Nitrophenol		10.0 ppb	ОN
	———		2,4-Dichloropheno)	10.0 ppb	
		 	4-Chloro-3-methy		10.0 ppb	ИÐ
			2.4.5-Trichlorophe		10.0 ppb	ND
		 	2,4,6-Trichlorophe		10.0 ppb	
	}	 	4-Nitrophenol		10.0 ppb	ND
		 	2-Methyl-4,6-diniti	rophenol	10.0 ppb	ND
	†					
CREOSOTE	 		 		0.3 ppm	ND
UNLOGOIL	 					
MW#1	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	OND
141 A & & 1	4-Jan-93 4-Jan-93	7-Jan-93	Chromium	TTLC 7190		ЙÖ
	4-Jan-93	7-Jan-93	Lead	TTLC 7420		ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520		ND
				TTLC 7920	0.08 ppm	
	4-Jan-93	7-Jan-93	Zinc	TILC /920	u.u8 ppm	NU

	RA Project I				rater Analys	
Sample Location	Sample Date	Analysis Date		Test	Reporting	Analytical Result
	ļ		Tested	Method	Limit	37
			0100	ED LOS SOS		
MW#2	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5 0 ppm	NO
58) 4/40	6-Dec-93	17-Dec-93	Oil & Grease	EPA 3510/9070	5.0 ppm	. 5.5 ppm
MW#2	6-Dec-93	7-Dec-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	. Jas opm
	6-Dec-93	10-Dec-93	TPH Diesel	EPA 3510/8015	0.20 ppm	ND
	6-Dec-93	10-Dec-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND:
	6-Dec-93	7-Dec-93	Benzene	EPA 5030/602	0.30 ppb	··· a i-·ND
i	6-Dec-93	7-Dec-93	Toluene	EPA 5030/602	0.30 ppb	ND
	6-Dec-93	7-Dec-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND .
İ	6-Dec-93	7-Dec-93	Xylenes	EPA 5030/602	0.60 ppb	. ND
		40.0	0000	ED 4 05 40 (20 70		L(+5)
MW#2	1-Sep-93	13-Sep-93	Oil & Grease TPH Gasoline	EPA 3510/9070 EPA 5030/8015	5.0 ppm 0.05 ppm	ND ND
	1-Sep-93 1-Sep-93	8-Sep-93 9-Sep-93	TPH Gasoline	EPA 3510/8015	0.05 ppm	, ND.
	1-Sep-93	9-Sep-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	ND
	1-Sep-93	8-Sep-93	Benzene	EPA 5030/602	0.30 pph	ND
	1-Sep-93	8-Sep-93	Toluene	EPA 5030/602	0.30 ppb	ND
i	1-Sep-93	8-Sep-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND
	1-Sep-93	8-Sep-93	Xylenes	EPA 5030/602	0.60 ppb	ND
i	, 550 55					
MW#2	4-Jan-93	12-Jan-93	Oil & Grease	EPA 418.1	0.5 ppm	ND
	4-Jan-93	5-Jan-93	TPH Gasoline	EPA 5030	0.05 ppm	ND
	4-Jan-93	12-Jan-93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
İ	4-Jan-93	12-Jan-93	TPH Kerosene	EPA 8015 mod.	0.5 ppm	NO
	4-Jan-93	5-Jan-93	Benzene	EPA 602	0.30 ppb	Brand ND France
İ	4-Jan-93	5-Jan-93	Toluene	EPA 602	0.30 ppb	.MD
	4-Jan-93	5-Jan-93	Ethylbenzene	EPA 602	0.30 ppb	ND
	4-Jan-93	5-Jan-93	Xylenes	EPA 602	0.90 ppb	NO
	4 (Q lan 02	Compatitions To	stad (Volatila Orga	nia EDA Matha	d MC24\
MW#2	4-Jan-93	6-Jan-93	Constituent Te	sted (Volatile Orga	INIC EPA METRO	0 ((624)
ļ						
I I	ì		4 4 4 iriablarasi	thono	5 0 anh	C MEN
ĺ		1	1,1,1-trichloroe		5.0 ppb	ND
·			1,1,2,2-tetrachi	oroethane	5.0 ppb	AND "
İ			1,1,2,2-tetrachl 1,1,2-trichloroe	oroethane thane	5.0 ppb 5.0 ppb	ND ND
İ			1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth	oroethane thane ane	5.0 ppb 5.0 ppb 5.0 ppb	AND "
İ			1,1,2,2-tetrachl 1,1,2-trichloroe	oroethane thane ane ne	5.0 ppb 5.0 ppb	ND ND ND
İ			1,1,2,2-tetrachl 1,1,2-trichloroeth 1,1-dichloroeth 1,1-dichloroehe	oroethane thane ane ne zene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND
i			1,1,2,2-tetrachl 1,1,2-trichloroe 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroben	oroethane thane ane ne zene ane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND
1			1,1,2,2-tetrachl 1,1,2-trichloroeth 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth	oroethane thane ane ne zene ane pane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND
; ; ;			1,1,2,2-tetrachl 1,1,2-trichloroeth 1,1-dichloroeth 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloropro 1,3-dichloroben 1,4-dichloroben	oroethane thane ane ne zene ane pane pane zene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND
 			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroethe 1,1-dichloroehe 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloropro 1,3-dichloroben 1,4-dichloroben 2-chloroethyivir	oroethane thane ane ne zene ane pane pane zene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroeth 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,3-dichloroeth 1,4-dichloroeth 2-chloroethylvir benzene	oroethane thane ane ne zene ane pane pane zene zene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,3-dichloroeth 1,4-dichloroeth 2-chloroethyivir benzene bromodichloroe	oroethane thane ane ne zene ane pane pane zene zene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroetha 1,1-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,4-dichloroetha 2-chloroethylvir benzene bromodichloroethane	oroethane thane ane ne zene ane pane zene zene zene zene thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,3-dichloroeth 1,4-dichloroeth 2-chloroethyivir benzene bromodichloroe	oroethane thane ane ne zene ane pane zene zene zene zene thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachia	oroethane thane ane ne zene ane pane zene zene zene zene thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	MD ND ND ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 1,2-dichloroben 1,4-dichloroben 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachia chlorobenzene chloroethane	oroethane thane ane ne zene ane pane zene zene zene zene thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 10.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 2-dichloroeth 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachic chlorobenzene chloroethane chloroform	oroethane thane ane ne zene ane pane zene zene zene zene zene thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroben 2-dichloroben 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachie chloroethane chloroform chloromethane	oroethane thane ane ne zene ane pane zene zene zene thane thane	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 2-dichloroeth yvir benzene bromodichloroe bromomethane carbon tetrachic chloroethane chloroform chloromethane cis-1,3-dichloroe	oroethane thane ane ne zene ane pane zene zene zene thane thane propene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroeth 1,1-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroeth 1,2-dichloroben 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachic chloroethane chloroform chloromethane cis-1,3-dichloro dibromochloron	oroethane thane ane ne zene ane pane zene zene zene thane thane propene	5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,4-dichloroethe 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachie chloroethane chloroethane chloroform chloromethane cis-1,3-dichloro dibromochloron ethylbenzene	oroethane thane ane ane zene ane pane zene zene zene thane thane propene nethane	5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroet 1,1-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 1,2-dichloroethe 2-chloroethyivir benzene bromodichloroe bromomethane carbon tetrachie chloroethane chloroethane chloroform chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachioroethei	oroethane thane ane ane zene ane pane zene zene zene thane thane propene nethane	5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,3-dichloroethi 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachi chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethei toluene	oroethane thane ane ane zene ane pane zene zene zene thane thane propene nethane	5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,3-dichloroethi 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachi chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethei toluene total zylenes	oroethane thane ane ne zene ane pane zene zene tyl ether thane propene nethane	5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,3-dichloroethi 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachi chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethei toluene total zylenes trans-1,2-dichloroe	oroethane thane ane ne zene ane pane zene zene zene trane thane propene nethane ne	5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 2-dichloroethi 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachia chloroethane chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethet toluene total zylenes trans-1,2-dichlot trans-1,3-dichlot	oroethane thane ane ne zene ane pane zene zene zene trane thane propene nethane ne	5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2,2-tetrachi 1,1,2-trichloroe 1,1-dichloroethi 1,1-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,2-dichloroethi 1,3-dichloroethi 2-chloroethyivin benzene bromodichloroe bromomethane carbon tetrachi chloroethane chloroethane chloroethane chloromethane cis-1,3-dichloro dibromochloron ethylbenzene tetrachloroethei toluene total zylenes trans-1,2-dichloroe	oroethane thane ane ne zene ane pane zene zene zene ayl ether thane propene nethane ne	5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N

	ct Number:			Groundwater		Analytical
Sample Location	Sample Date	Analysis Date	Constitu	uent Tested	Reporting Limit	Result
			0 1/-1	-dia Ornania	LITIIL	····J/GOUSE
				atile Organics		
			<u> </u>	ethod M625)		NAME OF THE PARTY
MW#2	4-Jan-93	6-Jan-93	Acenaphthe		10.0 ppb	ND
POLYNUCLEAR AROM			Acenaphthy		10.0 ppb	ND
			Anthracene		10.0 ppb	ND:
1			Benzo[a]py		10.0 ppb	ND.
			Benzo[b]flu		10.0 ppb	ND
			Benzo[g,h,l		10.0 ppb	ND
			Benxyl alco		20.0 ppb	NO
			Benzo[k]flu	orantnene	10.0 ppb	ND
			Chrysene		10.0 ppb	ND
i				njanthracene	10.0 ppb	ND
'		<u> </u>	Fluoranthe	ne	10.0 ppb	ND ND
			Flourene	<u> </u>	10.0 ppb	* * * * * * * * * * * * * * * * * * * *
				3-c,d)pyrene	10.0 ppb	, ND CIA
<u> </u>			Naphthalen		10.0 ppb	ND
			Pheneanth	rene	10.0 ppb	ND
<u></u>			Pyrene		10.0 ppb	
			14500 ==	1010	50 0t	Decree where
POLYCHLOROBIPHEN			AROCLOR		50.0 ppb	ND
	J		AROCLOR		50.0 ppb	ND:
			AROCLOR		50.0 ppb	ND
			AROCLOR		50.0 ppb	ND .
			AROCLOR		50.0 ppb	ND
			AROCLOR		50.0 ppb	ND
			AROCLOR	1260	50.0 ppb	ND.
			<u></u>			
ANILINES			4-Chloroan		20.0 ppb	ND
			2-Nitroanili		50.0 ppb	CIN
			3-Nitroanili	ne	50.0 ppb	ND
			4-Nitroanili	ne	50.0 ppb	ND
	ĺ					
PHENOLS			pentachlor	ophenol	10.0 ppb	ND
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ļ ————————————————————————————————————		Phenol		10.0 ppb	ND
		 	2-Chloroph	enol	10.0 ppb	ND
			2-Methylph		10.0 ppb	ND
			4-Methylph	enol	10.0 ppb	ND
	<u> </u>		2-Nitropher		10.0 ppb	ND
	ļ		2,4-Dichlor		10.0 ppb	ND
			4-Chloro-3	-methylphenol	10.0 ppb	ND
ļ		<u> </u>	2,4,5-Trich		10.0 ppb	ND
			2,4,6-Trich	lorophenol	10.0 ppb	, QD
			4-Nitropher		10.0 ppb	ND
	ļ ———		2-Methyl-4	6-dinitrophenol	10.0 ppb	ND
			T			
CREOSOTE	 		Ì		0.3 ppm	ND
	f	t == =======	 			T
88141410	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
MW#2		7-Jan-93 7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93 7-Jan-93	Lead	TTLC 7420	0.02 ppm	ND
	4-Jan-93 4-Jan-93	7-Jan-93 7-Jan-93	Nickel	TTLC 7520	0.03 ppm	ND .
	4-Jan-93 4-Jan-93	7-Jan-93 7-Jan-93	Zinc	TTLC 7920	00.02 ppm	ND
<u> </u>	4-0011-83	1-0411-85	<u> </u>	11201020	55.55 ppin	<u> </u>

	CA Frojecti	uniber. Est.	70 (Taco Bell) Groundwa	ater Amar	
Sample Location	Sample Date	Analysis Date	Constituent	Test	Reporting	Analytical Result
			Tested	Method	Limit	
						
MW#3	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5 0 ppm	"" ND: ACT
						591 S.D.
MW#3	6-Dec-93	17-Dec-93	Oil & Grease	EPA 3510/9070	5.0 ppm	and a ND Care
	6-Dec-93	7-Dec-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	MAL ND AN A
	6-Dec-93	10-Dec-93	TPH Diesel	EPA 3510/8015	0 20 ppm	ND ND
i	6-Dec-93 6-Dec-93	10-Dec-93 7-Dec-93	TPH Kerosene Benzene	EPA 3510/8015 EPA 5030/602	0.80 ppm 0.30 ppb	ND. ND.
	6-Dec-93	7-Dec-93	Toluene	EPA 5030/602	0.30 ppb	ND:
	6-Dec-93	7-Dec-93	Ethylbenzene	EPA 5030/602	0 30 ppb	ND.
	6-Dec-93	7-Dec-93	Xylenes	EPA 5030/602	0.60 ppb	ND.
İ						
MW#3	1-Sep-93	13-Sep-93	Oil & Grease	EPA 3510/9070	5.0 ppm	30.0 ppm
	1-Sep-93	8-Sep-93	TPH Gasoline	EPA 5030/8015	0.05 ppm	ND.
	1-Sep-93	9 - \$ep-93	TPH Diesei	EPA 3510/8015	0 20 ppm	Janes ND Cara
	1-Sep-93	9-Sep-93	TPH Kerosene	EPA 3510/8015	0.80 ppm	a i P. S. ND.
'	1-Sep-93	8-Sep-93	Benzene	EPA 5030/602	0 30 ppb	dading ND:
	1-Sep-93	8-Sep-93	Toluene	EPA 5030/602	0 30 ppb	ND:
	1-Sep-93	8-Sep-93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND ND
!	1-Sep-93	8-Sep-93	Хуlелеs	EPA 5030/602	0.60 ppb	NULLER
2014/10	4 102 02	12-Jan-93	Oil & Grease	EPA 418.1	0.5 ppm	MD THE
MW#3	4-Jan-93 4-Jan-93	5-Jan-93	TPH Gasoline	EPA 5030	0.5 ppm	ND
	4-Jan-93 4-Jan-93	12-Jan-93	TPH Diesel	EPA 8015 mod.	0.5 ppm	ND
	4-Jan-93	12-Jan-93	TPH Kerosene	EPA 8015 mod.	0.5 ppm	ND.
	4-Jan-93	5-Jan-93	Benzene	EPA 602	0.30 ppb	ind ND
	4-Jan-93	5-Jan-93	Toluene	EPA 602	0 30 ppb	ala. ND: Bloc
	4-Jan-93	5-Jan-93	Ethylbenzene	EPA 602	0.30 ppb	ND ND
	4-Jan-93	5-Jan-93	Xylenes	EPA 602	0.90 ppb	ND ND
MW#3	4-Jan-93	6-Jan-93	Constituent Te	sted (Volatile Org	anic EPA M	ethod M624)
			1,1,1-trichloroet		5.0 ppb	ND 🐎 📉
	1		1,1,2,2-tetrachle	oroethane	5 0 ppb	CLER ND 148 LE
				Ü	C O anh	ALL A CALES AND AND AND AND AND AND AND AND AND AND
		}	1,1,2-trichloroet		5 0 ppb	ND ND
	 	ŧ	1,1,2-trichloroetha	ane	5 0 ppb	· ND · ·
			1,1,2-trichloroet 1,1-dichloroetha 1,1-dichloroehe	ne ne	5 0 ppb 5.0 ppb	** ND ***
			1,1,2-trichloroet 1,1-dichloroetha 1,1-dichloroehe 1,2-dichloroben	ane ne zene	5 0 ppb 5.0 ppb 5.0 ppb	O MOST COMMENTS OF THE COMMENT OF TH
			1,1,2-trichloroetha 1,1-dichloroetha 1,1-dichloroetha 1,2-dichloroben 1,2-dichloroetha	ane ne zene ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	O MODELLO NO NO NO NO NO NO NO NO NO NO NO NO NO
			1,1,2-trichloroet 1,1-dichloroetha 1,1-dichloroehe 1,2-dichloroben	ane ine izene ane pane	5 0 ppb 5.0 ppb 5.0 ppb	ND ND
			1,1,2-trichloroetha 1,1-dichloroetha 1,1-dichloroehe 1,2-dichloroetha 1,2-dichloroetha 1,2-dichloropro	ane ine izene ane pane izene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5.0 ppb 5 0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroetha 1,1-dichloroetha 1,1-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,3-dichloroetha 1,4-dichloroetha 2-chloroethylvir	ane ine izene ane pane izene izene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5.0 ppb 5 0 ppb 5 0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroetha 1,1-dichloroetha 1,1-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,2-dichloroetha 1,3-dichloroetha 1,4-dichloroetha 2-chloroethylvir benzene	ane price pane pane pane pane pane pane pane pan	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethal	ane ine izene ane pane izene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethal	ane ine izene ane pane izene izene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethallerebromodichloroethallerebromodichloroethallerebromomethanecarbon tetrachloroethall	ane ine izene ane pane izene izene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb	ND ND ND ND ND ND ND ND ND ND ND
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,4-dichloroethal	ane ine izene ane pane izene izene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethal	ane ine izene ane pane izene izene izene izene izene iyi ether	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-frichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethalleroetha	ane price pane pane pane pane pane pane pane pare pare pare pare pare pare pare par	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-frichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethal	ane price pane pane pane pane pane pane pane pan	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-frichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethal	ane price pane pane pane pane pane pane pane pan	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-frichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,4-dichloroethal	ane price pane pane pane pane pane pane pane pan	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethallebromomethane carbon tetrachlachloroethane chloroethane chloroethane chloromethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane	ane propene ane propene ane propene ane ane propene ane ane ane ane ane ane ane ane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 10.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethallerabon tetrachlichloroethane carbon tetrachlichloroethane chloroethane chloroethane chloroethane chloromothloroethane cis-1,3-dichloroethane cis-1,3-dichloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane	ane propene ane propene ane propene ane ane propene ane ane ane ane ane ane ane ane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleris-1,3-dichloroethalleris-	ane propene ane propene ane propene ane ane propene ane ane ane ane ane ane ane ane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 10 0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethall,4-dichloroethal	ane ane ane ane ane pane ane pane azene az	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleroethalleris-1,3-dichloroethalleris-	ane ane ane ane ane ane ane pane ane pane azene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 10 0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethylvir benzene bromodichloroethane carbon tetrachloroethane chloroform chloromethane cis-1,3-dichloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroform chloromethane cis-1,3-dichloroethane chloroethane.	ane ane ane ane ane ane ane ane ane ane	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 10 0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N
			1,1,2-trichloroethall,1-dichloroethall,1-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,2-dichloroethall,3-dichloroethallerabenzene bromodichloroethallerabenzene chloroethallerabenzene chloroethallerabenzene chloroethallerabenzene thallerabenzene thallerabenzene thallerabenzene thallerabenzene thallerabenzene thallerabenzene tetrachloroethallerabenzene tetrachloroethallerabenzene total zylenes trans-1,2-dichloroethallerabenzene total zylenes	ane propene methane propropene propropene propropene propropene propropene	5 0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 5 0 ppb 10 0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb 10.0 ppb 5.0 ppb	ND ND ND ND ND ND ND ND ND ND ND ND ND N

Sample Location		Analysis Date		ent Tested	Reporting	Analytical
Sample Escation	Campic Bate	, way old Balo	307,0416		Limit	Result
			Semi Vola	tile Organics		
				thod M625)		
MW#3	4-Jan-93	6-Jan-93	Acenaphthe		10.0 ppb	ND
POLYNUCLEAR AROM	7 0017 00		Acenaphthy		10.0 ppb	ND
POLTIVOCLEAR AROM			Anthracene		10.0 ppb	ND 1
		<u> </u>	Benzo[a]py		10.0 ppb	ON
		·	Benzo[b]flu		10.0 ppb	ND
		<u> </u>	Benzo[g,h,l		10.0 ppb	ND -
			Benxyl alco		20.0 ppb	ND
			Benzo[k]flu		10.0 ppb	ND
			Chrysene		10.0 ppb	ia ND da
			Dibenzo[a,l	n]anthracene	10.0 ppb	ND
			Fluoranther		10.0 ppb	ND
i		t	Flourene		10,0 ppb	ND
		1		3-c,d)pyrene	10.0 ppb	ND .
			Naphthalen		10.0 ppb	ND
			Pheneantho	ene	10.0 ppb	מא
			Pyrene		10.0 ppb	, ND
		I				
POLYCHLOROBIPHEN		Ť	AROCLOR	1016	50.0 ppb	ND
7 037 07 1201 1201		<u> </u>	AROCLOR	1221	50.0 ppb	ИD
	l	<u> </u>	AROCLOR		50.0 ppb	MD.
			AROCLOR	1242	50.0 ppb	סא
			AROCLOR	1248	50.0 ppb	ND
			AROCLOR		50.0 ppb	ND
			AROCLOR	1260	50.0 ppb	- DA
	<u> </u>					
ANILINES	1	Ī	4-Chloroan	ilíne	20.0 ppb	- QME-
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	 	2-Nitroanilir	ne	50.0 ppb	ַ מאַ:⊹
	<u> </u>		3-Nitroanilir	ne	50.0 ppb	ND
	<u> </u>	 	4-Nitroanilii	ne	50.0 ppb	ND
		i				
PHENOLS	<u> </u>	1	pentachloro	ophenol	10.0 ppb	-ND
PHENOLS			Phenol	<u> </u>	10.0 ppb	ND
		 	2-Chloroph	enol	10.0 ppb	ND :
	 	 	2-Methylph		10.0 ppb	ND
	 	 	4-Methylph		10.0 ppb	ND.
	 	[2-Nitropher		10.0 ppb	ND :
	 	1	2,4-Dichlor		10.0 ppb	ND.
				-methylphenol	10.0 ppb	ND
		 	2,4,5-Trich		10.0 ppb	. DV
1		<u> </u>	2,4,6-Trich		10.0 ppb	ND"
ll .	ļ	1	4-Nitropher		10.0 ppb	, ND, 🚉
		<u> </u>		6-dinitropheno	10.0 ppb	ND ;
	†	Ĭ				
CREOSOTE	†	i i	Ī		0.3 ppm	ŅD
	†	† Total	Ť T			<u> </u>
MW#3	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	"ND
INIAAMO	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND '
1	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	00.08 ppm	
L	1 4-0411-00	1 , 0011 00	1-11-5		1 1 1 1	

LR			U (Taco Bell) Groundwa		
Sample Location	Sample Date	Analysis Date	Constituent	Test	Reporting	Analytical Result
•	l '	l	Tested	Method	Limit	
MW#4	14-Apr-95	17-Apr-95	Oil & Grease	EPA 3510/9070	5.0 ppm	A AND
11111111	14740.00	11 745 00	3,, 4, 0,000	2.77.0070.0070	0.0 pp	18. NYS. No. 3.4
	15/0/00	10117100	0". 2 0	FDA 0540/0070	<u> </u>	Political Street Company of the
MW#4	12/6/93	12/17/93	Oil & Grease	EPA 3510/9070	11 17	ND C
	12/6/93	12/7/93	TPH Gasoline	EPA 5030/8015		
	12/6/93	12/10/93	TPH Diesel	EPA 3510/8015	0.20 ppm	""
	12/6/93	12/10/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	
	12/6/93	12/7/93	Benzene	EPA 5030/602	0 30 ppb	
	12/6/93	12/7/93	Toluene	EPA 5030/602	0.30 ppb	AND SE
	12/6/93	12/7/93	Ethylbenzene	EPA 5030/602	0.30 ppb	ND N
	12/6/93	12/7/93	Xylenes	EPA 5030/602	0 60 ppb	
MW#4	9/1/93	9/13/93	Oil & Grease	EPA 3510/9070	5.0 ppm	ARMS AND SEE
	9/1/93	9/8/93	TPH Gasoline	EPA 5030/8015	0.05 ppm	same ND - Car
	9/1/93	9/9/93	TPH Diesel	EPA 3510/8015	0.20 ppm	
	9/1/93	9/9/93	TPH Kerosene	EPA 3510/8015	0.80 ppm	
	9/1/93	9/8/93	Benzen <i>e</i>	EPA 5030/602	0.30 ppb	
	9/1/93	9/8/93	Toluene	EPA 5030/602	0.30 ppb	TO THE CONTRACT OF THE CONTRAC
						ND ***
	9/1/93	9/8/93	Ethylbenzene	EPA 5030/602	0.30 ppb	1000
	9/1/93	9/8/93	Xylenes	EPA 5030/602	0.60 ppb	D
	L					
MW#4	1/4/93	1/12/93	Oil & Grease	EPA 418.1	0.5 ppm	ND .
	1/4/93	1/5/93	TPH Gasoline	EPA 5030	0.05 ppm	OND
	1/4/93	1/12/93	TPH Dieset	EPA 8015 mod.	0 5 ppm	gertagi, se ND, e de la c
	1/4/93	1/12/93	TPH Kerosene	EPA 8015 mod	0.5 ppm	ND.
	1/4/93	1/5/93	Benzenø	EPA 602	0 30 ppb	A SECOND ASSESSMENT
	1/4/93	1/5/93	Toluene	EPA 602	0.30 ppb	- ND
•	1/4/93	1/5/93	Ethylbenzene	EPA 602	0 30 ppb	32 2020 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1/4/93	1/5/93	Xylenes	EPA 602		
	1/4/33	175795	Aylettes	L1 / C02	0.00 ppb	
						111001
MW#4	1/4/93	1/6/93	Constituent Te	sted (Volatile Orga	INIC EPA M	ethod M624)
	,					L
	ì		1,1,1-trichloroet	hane	5.0 ppb	THE NO. WE'M
		İ	1,1,2,2-tetrachic	proethane	5 0 ppb	₽¥ ÇEŞND™ [₹]
	1		1,1,2-trichloroet	hane	5.0 ppb	ND.
	i		1,1-dichloroetha	ne.	5.0 ppb	" " " ND" has
			1,1-dichloroehe		5.0 ppb	· ND
			1,2-dichloroben		5.0 ppb	ND
			1,2-dichloroetha		5.0 ppb	ND S
			1,2-dichloropror		5 0 ppb	, ND
	1		1,3-dichloroben		5.0 ppb	ND'
						ND
Ì	i		1,4-dichloroben		5 0 ppb	
			2-chloroethylvin	yı etiler	5.0 ppb i	
	İ	ļ	benzene		5.0 ppb	, ND
į			bromodichloroe	thane	50 ppb	i ~ ND 👊 -
			bromomethane		10.0 ppb	ND
į			carbon tetrachic	oride	50 ppb	ND
		[chlorobenzene		5.0 ppb	ND
į		1	chloroethane		10 0 ppb	ND
			chloroform		5.0 ppb	ND
İ		•				
-			chloromethane		10.0 ppb	ND ND
			cis-1,3-dichloro		5 0 ppb	ND
			dibromochlorom	iethane	5.0 ppb	ND
					5.0 ppb	ND
		i	ethylbenzene			
	i	,	ethylbenzene tetrachloroether	ne	10.0 ppb	ND :
	i			ne	10.0 ppb 5.0 ppb	ND *:
İ	i		tetrachloroether toluene	ne	5.0 ppb	
			tetrachloroether toluene total zylenes		5.0 ppb 15.0 ppb	ND.
			tetrachloroether toluene total zylenes trans-1,2-dichlo	roethene	5.0 ppb 15.0 ppb 5.0 ppb	ND ND ND
		į	tetrachloroether toluene total zylenes trans-1,2-dichlo trans-1,3-dichlo	roethene	5.0 ppb 15.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND
			tetrachloroether toluene total zylenes trans-1,2-dichlo trans-1,3-dichlo trichloroethene	roethene ropropene	5.0 ppb 15.0 ppb 5.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND
			tetrachloroether toluene total zylenes trans-1,2-dichlo trans-1,3-dichlo	roethene ropropene	5.0 ppb 15.0 ppb 5.0 ppb 5.0 ppb	ND ND ND ND

Sample Location		Analysis Date	Constit	uent Tested	Reporting	Analytical
Campic Ecoulori	oumpio sure	,, 0.0 – 0.10			Limit	Result
			Semi Vola	atile Organics		
				ethod M625)	'	
MW#4	4-Jan-93	6-Jan-93	Acenaphth		10.0 ppb	ND:
POLYNUCLEAR AROM		0.0011.00	Acenaphth		10.0 ppb	ND.
POLTIVOCLEAR AROW			Anthracene		10.0 ppb	ND.
			Benzo[a]py		10.0 ppb	ND
		 	Benzo[b]flu		10.0 ppb	ND.
			Benzo[g,h,i		10.0 ppb	ND
	l		Benxyl alco		20.0 ppb	ND
			Benzo[k]flu		10.0 ppb	ND
			Chrysene	0.00.00	10.0 ppb	ND
			Dibenzola.	hjanthracene	10.0 ppb	ND
			Fluoranthe		10.0 ppb	ND
		· · · · · · · · · · · · · · · · · · ·	Flourene		10.0 ppb	ND
				,3-c,d)pyrene	10.0 ppb	ND
\			Naphthaler		10.0 ppb	ND
	<u> </u>		Pheneanth		10.0 ppb	ND .
	 		Pyrene		10.0 ppb	ND I
	i	<u></u>				
L POLYCHLOROBIPHEN		 	AROCLOR	1016	50.0 ppb	* ND# 4
POLICHLOROBIFICIA	<u> </u>	ļ 	AROCLOR		50.0 ppb	ND.
			AROCLOR		50.0 ppb	ND
			AROCLOR		50.0 ppb	ND
1	 	 	AROCLOR		50.0 ppb	ND
			AROCLOR		50.0 ppb	ND
		 	AROCLOR		50.0 ppb	ND
	<u> </u>				OU. PPE	W
ANILINES	<u> </u>	<u> </u>	4-Chloroan	iline	20.0 ppb	ND
ANILINES	f		2-Nitroanili		50.0 ppb	ND
	<u> </u>	ļ	3-Nitroanili		50.0 ppb	ND
					50.0 ppb	ND
			4-Nitroanili	ne	50.0 ppb	- IND
		<u></u>	<u> </u>			
PHENOLS			pentachloro	ophenol	10.0 ppb	ND.
			Phenol		10.0 ppb	ND.
	 		2-Chloroph		10.0 ppb	ND.
			2-Methylph		10.0 ppb	ND:
		<u></u>	4-Methylph		10.0 ppb	ND
]		2-Nitropher		10.0 ppb	ND.
	<u> </u>		2,4-Dichlor		10.0 ppb	ND :
	<u> </u>	L		methylphenol	10.0 ppb	ND:
ļ	}	ļ 	2,4,5-Trichl		10.0 ppb	ND.
		<u> </u>	2,4,6-Trichl		10.0 ppb	ND .
	L	ļ <u>.</u>	4-Nitropher		10.0 ppb	ND :
			z-ivietnyi-4,	6-dinitrophenol	10.0 ppb	ND
			<u> </u>			
CREOSOTE	<u>l </u>		<u></u>	 	0.3 ppm	ND
					L	
MW#4	4-Jan-93	7-Jan-93	Cadmium	TTLC 7130	0.01 ppm	ND
	4-Jan-93	7-Jan-93	Chromium	TTLC 7190	0.02 ppm	ND
	4-Jan-93	7-Jan-93	Lead	TTLC 7420	0.05 ppm	ND
	4-Jan-93	7-Jan-93	Nickel	TTLC 7520	0.02 ppm	ND
N .	4-Jan-93	7-Jan-93	Zinc	TTLC 7920	00.08 ppm	ND

		IDer. Earro			Water Alla	
Sample Location	Sample Date	Analysis Date		Test	Reorting	Analytical Result
\			Tested	Method	Limit	are property of
Excavation Site				I		
Sample #9	3-Jun-92	3-Jun-92	Benzene	EPA 602	1.5 ppb	29.0 ppb
Sample #3	3-Jun-92	3-Jun-92	Toluene	EPA 602	1.5 ppb	130.0 ppb
		3-Jun-92	Ethylbenzene	EPA 602	1.5 ppb	NO
	3-Jun-92					2800.0 ppb
	3-Jun-92	3-Jun-92	Xylenes	EPA 602	4.5 ppb	
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	.25 ppm	29.0°ppb
						The state of the state of the
Sample #12	3-Jun-92	3-Jun-92	Benzene	EPA 602	1.5 ppb	16.0 ppb
	3-Jun-92	3-Jun-92	Toluene	EPA 602	1.5 ppb	400.0 ppb
}	3-Jun-92	3-Jun-92	Ethylbenzene	EPA 602	1.5 ppb	200.0 ppb
	3-Jun-92	3-Jun-92	Xylenes	EPA 602	4.5 ppb	2300.0 ppb
	3-Jun-92	3-Jun-92	Gasoline	EPA 5030	.25 ppm	24.0 ppm
Temporary Wells						
U14-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	2.0 ppm
U14-A	21-Jan-92 21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND.
	21-Jan-92 21-Jan-92	29-Jan-92	Lead	TTLC 7420		ND
1		29-Jan-92 29-Jan-92	TRPH	TRH 418.1	0.5 ppm	3.0 ppm
	21-Jan-92	∠a-19u-a7	IKFO	113/14/10/1	o.o ppm	T = 10 Solvishhiii iFigi
	0.1 0.5	_ _	<u> </u>	EDA 600	4.5	Caron Bulletines
U14-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	33.0 ppb
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	910.0 ppb
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	670.0 ppb
}	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4.5 ppb	4300.0 ppb
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	26.0 ppm
•						
U15-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND +
	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND .
	21-Jan-92	29-Jan-92	Lead	TTLC 7420	0.5 ppm	ND
1	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	ND.
				<u> </u>		
U15-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	gard no , kate
013-(13-2)	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND:
]	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	1 ND
		22-Jan-92	Xylenes	EPA 602	4.5 ppb	ND
1	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	ND
	21-Jan-92	22 - Jan-92	Gasoline	EFA 3030	.20 ppm	, v,p* ND
			10.00	FDA 0045	0.5	S ND
U16-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND ND
]	21-Jan-92	3-Feb-92	Diesel	EPA 8015	0.5 ppm	ND A
	21-Jan-92	29-Jan-92	Lead	TTLC 7420		ND F
ì	21-Jan-92	29-Jan-92	TRPH	TRH 418.1	0.5 ppm	≅18.0 ppm
<u> </u>						
U16-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	ND 1 1 15
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND :
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	TES ND FE
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4.5 ppb	ND 🔆
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	25 ppm	ND 🗈
ĺ						
U17-A	21-Jan-92	3-Feb-92	Kerosine	EPA 8015	0.5 ppm	ND .
	21-Jan-92	3-Feb-92	Diesel	EPA 8015		· ND
	21-Jan-92	29-Jan-92	Lead	TTLC 7420		ND
				TRH 418.1	0.5 ppm	ND ND
	21-Jan-92	29-Jan-92	TRPH	113(1410.1	υ.ο μρειι	110
				ED4 000	4 5	ND -
U17-(B-D)	21-Jan-92	22-Jan-92	Benzene	EPA 602	1.5 ppb	ND ND
	21-Jan-92	22-Jan-92	Toluene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Ethylbenzene	EPA 602	1.5 ppb	ND
	21-Jan-92	22-Jan-92	Xylenes	EPA 602	4 5 ppb	ND
	21-Jan-92	22-Jan-92	Gasoline	EPA 5030	.25 ppm	ND
<u> </u>	<u> </u>					