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

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 27, 2007

Ms. Jennifer Sedlachek
ExxonMobil
4096 Piedmont Ave., #194
Oakland, CA 94611

Mr. Joe Aldridge
Valero
685 W. 3rd St.
Hanford, CA 93230

Mr. R. J. Dold
BNY Western Trust Co.
3200 SW Freeway #3050
Houston, TX, 77027

Dear Ms. Sedlachek and Messrs. Aldridge & Dold:

Subject: Fuel Leak Site Case Closure Exxon #7-0210, 7840 Amador Valley Blvd., Dublin, CA 94568; Case No. RO0002424 & Global ID T0600100553

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Up to 2.1 ppm TPH as diesel, 0.002 ppm benzene, 1.7 ppm toluene, 0.0033 ppm ethyl benzene, 0.0038 xylenes and 0.029 ppm methyl tertiary butyl ether (MTBE) remain in soil at this site.

- Up to 1.55 ppb MTBE remain in groundwater at this site.

If you have any questions, please call Barney Chan at (510) 567-6765. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:
1. Remedial Action Completion Certificate
2. Case Closure Summary

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Subject: Fuel Leak Site Case Closure Exxon #7-0210, 7840 Amador Valley Blvd., Dublin, CA 94568; Case No. RO0002424 & Global ID T0600100553

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

William W. Pitcher for
Ariu Levi
Director
Alameda County Environmental Health

cc:

Mr. Matt Katen
Zone 7 Water Agency
5997 Parkside Drive
Pleasanton, CA 94588

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Ms. Cherie McCaulou (w/enc)
SFRWQCB
1515 Clay St., Suite 1400
Oakland, CA 94612

B. Chan (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)

Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: 1/29/07

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6765
Responsible Staff Person: Barney Chan	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Exxon #7-0210		
Site Facility Address: 7840 Amador Valley Blvd., Dublin, CA 94568		
RB Case No.: 01-0600	Local Case No.: 4103	LOP Case No.: RO0002424
URF Filing Date: 6/12/00	Geotracker No.: T0600100553	APN: 941-305-20-2

Responsible Parties	Addresses	Phone Numbers
Ms. Jennifer Sedlachek ExxonMobil	4096 Piedmont Ave., #194 Oakland, CA 94611	510-547-8196
Mr. Joe Aldridge Valero	685 W. 3rd St. Hanford, CA 93230	559-583-3231
Mr. R.J. Dold BNY Western Trust Company	3200 SW Freeway #3050 Houston, TX, 77027	----

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
---	----	----	---	----
Piping			--	----

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: unknown		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 3	Proper screen interval? Yes , 10-25' bgs
Highest GW Depth Below Ground Surface: 9.44' bgs	Lowest Depth: 14.14' bgs	Flow Direction: southeast
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: A DWR well search for wells within a 1 mile radius of the site was performed. One irrigation well 0.9 mi SW of the site, no municipal wells, 3 domestic wells including one 0.7 mi SE of site and 13 of unknown type or location were reported. None of these wells are considered threatened from this release.	
Are drinking water wells affected? No	Aquifer Name: Dublin sub-basin of Livermore Valley basin
Is surface water affected? No	Nearest SW Name: Martin Canyon creek, ~0.25 miles to the nw
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	---	---	---
Piping	---	---	---
Free Product	---	----	----
Soil	---	----	----
Groundwater	----	---	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONSCBEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<50	<50	1380	<50
TPH (Diesel)	2.1	2.1	116	<50
Oil & Grease	---	---	---	---
Benzene	0.002	0.002	3.1	<0.5
Toluene	1.7	1.7	1.7	<0.5
Ethyl Benzene	0.0033	0.0033	8	<0.5
Xylene	0.0038	0.0038	2.46	<0.5
Heavy Metals	--	--	--	--
MTBE (if not analyzed, explain below)	*0.78 (EPA 8021) 0.0291(EPA 8260)	*0.78 (EPA 8021) 0.0291(EPA 8260)	#4000	1.55**
Other (8240/8270)	--	---	---	---

*0.78 ppm MTBE, <0.002 ppm TAME, <0.002 ppm ETBE, <0.01 ppm DIPE, <0.05 ppm TBA
Grab groundwater sample from B1 (12/3/98), other oxygenates and lead scavengers not analyzed

** 1.55 ppb MTBE, <50 ppb EtOH, <0.5 ppb TAME, <0.5 ppb ETBE, <0.5 ppb DIPE, <10 ppb TBA, <0.5 ppb EDB, and <0.5 ppb EDC

Site History and Description of Corrective Actions:

This former Exxon (current Valero) service station is located on the eastern corner of the intersection of Amador Valley Boulevard and Regional Street in the city of Dublin, CA. Land use in the area is mixed residential and commercial. The immediate vicinity of the site is commercial consisting of a shopping mall and parking lots. A Unocal service station is located on the southwest corner of the same intersection. This site is potentially up-gradient of the former Exxon site. See Attachments 1 and 3. Three 12,000 gallon double-walled fiberglass gasoline tanks are currently operating at the site. They were installed in 1991 west of the three 8000 gallon first generation tanks, which were removed at the same time. After the removal of the 3-8000 gallon tanks, a soil and groundwater investigation was performed. The site obtained closure from the County in 1997. From this investigation groundwater gradient was determined to be southwest. See Attachment 2 for site plan and rose diagram. Soil type was determined to be generally silty sand/sandy silt to approximately 8.5' bgs, clayey silt/silty clay to ~12' bgs, and a mixture of sand/gravel, silty sand, clayey sands and silty clay to the extent of the borings, approximately 25' in depth.

In November 1998, prior to their takeover from ExxonMobil, Valero Energy Corporation performed a baseline environmental assessment at the site. Four soil borings, B1-B4, were advanced and soil and groundwater samples collected. The samples were analyzed for TPHg, TPHd, BTEX and MTBE. TPHg and BTEX were ND in the soil samples, while MTBE was detected at 0.78 ppm (EPA Method 8021) and TPHd was detected at up to 2.1 ppm. TPHg up to 100 ppb, toluene up to 1.7 ppb and MTBE up to 4000 ppb (EPA 8260) was detected in the groundwater samples. In addition, on April 2000, split groundwater samples for ExxonMobil and Valero were taken from two borings, 70210-1 and 70210-2. The results of these samples detected ND TPHg, BTEX and MTBE in 70210-1 and 140 ppb TPHg and 190 ppb MTBE in 70210-2. Based upon these results, the site was opened as a new LOP case in August 2000. See attachment 3 for Site map, boring and well locations and attachment 4 for soil and grab groundwater sample analytical results. See attachment 6 for the boring logs.

In November 2000, three on-site monitoring wells, MW5-MW7, were installed at the site. The wells were installed to depths ranging from 25-27' bgs and screened from 10-25' bgs. See attachment 5 for well construction details and attachment 6 for the boring logs. TPHg, benzene and toluene were ND in soil sample from these borings. Up to 0.0033, 0.0038, 0.023 ppm, ethyl benzene, xylenes and MTBE, respectively were detected in the soil borings.

In February 2003, four soil borings, B5-B8, were drilled down-gradient of the site within the parking lot of the adjacent shopping center, in an attempt to determine the extent of the petroleum contamination in soil and groundwater. Soil samples were collected from up to four discrete depths from each boring and groundwater samples were collected from two depths. Generally, low to non-detect concentrations of hydrocarbons were found in soil and groundwater samples. MTBE was detected at 35.3 ppb in B5 and attenuated to 2.4 ppb in B8, the furthest down-gradient location. It appeared that the extent of contamination had been defined in this investigation. See attachments 4 and 6 for analytical results and boring logs, respectively.

Quarterly monitoring from MW5-MW7 has been conducted from 11/00 to 8/06. Groundwater results indicate a decrease in MTBE concentrations over time due likely to the movement of the plume beyond the monitoring network. Releases of MTBE up to 1600 ppb detected in 2000-2003 are currently detected at only 1.55 ppb in MW-6. Laboratory notes indicate that since 2002, the TPHg results include MTBE concentrations, therefore, it appears that the release was predominantly MTBE. See attachment 7 for historical monitoring results.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes No		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: closure is recommended for industrial use only. Site must be reviewed if future use changes to a more conservative scenario.		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 3
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- The site was initially closed in 1997 with residual soil and groundwater contamination. MTBE, oxygenates and lead scavengers were not run on soil samples and only MTBE was run on groundwater samples.
- The full extent of the MTBE was not determined during the 2/2003 investigation. Grab groundwater samples were collected along a transect with 90' spacing, installed 180' down-gradient of the source and from one boring installed 300' down-gradient of the source. Down-gradient time series data not collected.

Conclusion:

This site is an active gasoline fueling facility. Alameda County Environmental Health staff do not believe a significant threat to groundwater exists at this site. Groundwater results indicate a historic MTBE release occurred. It is anticipated that dissolution and attenuation processes over time are reducing residual pollution remaining at this site. Mass present in the source area does not appear to pose a threat to down-gradient receptors. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney Chan	Title: Hazardous Materials Specialist
Signature: Barney Chan	Date: 3/21/07
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: Donna L. Drogos	Date: 03/21/07

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: Cherie McCaulou	Date: 4/6/07

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH:	Date of Well Decommissioning Report:	
All Monitoring Wells Decommissioned:	Number Decommissioned:	Number Retained:
Reason Wells Retained:		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence-Signature:	Date:	

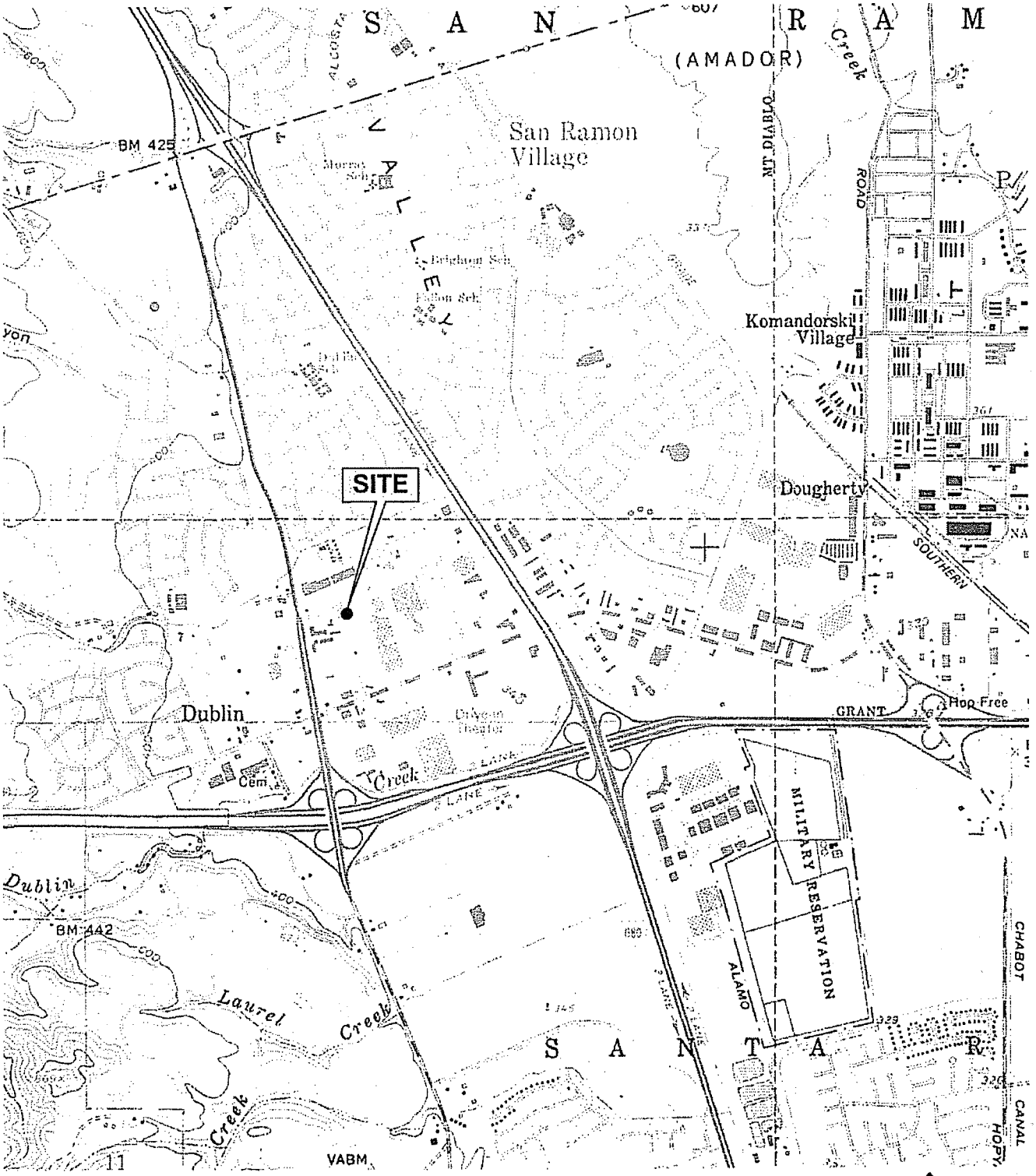
Attachments:

1. Site Vicinity Map
2. Site Plan and Rose Diagram
3. Site Map, Borings and Well Locations
4. Soil and Grab Groundwater Analytical Data
5. Well Construction Details
6. Boring Logs
7. Groundwater Monitoring Results
8. Cross-sections

This document and the related CASE CLOSURE LETTER shall be retained by the lead agency as part of the official site file.

Post-it® Fax Note 7671	Date 4/6/07	# of pages ▶ 1
To Barney Chan	From Cherie McCaulou	
Co./Dept. ACEH	Co. Water Board	
Phone # (510) 567-6765	Phone # (510) 622-2342	
Fax # (510) 337-9335	Fax # x2464	

Re: RO2424



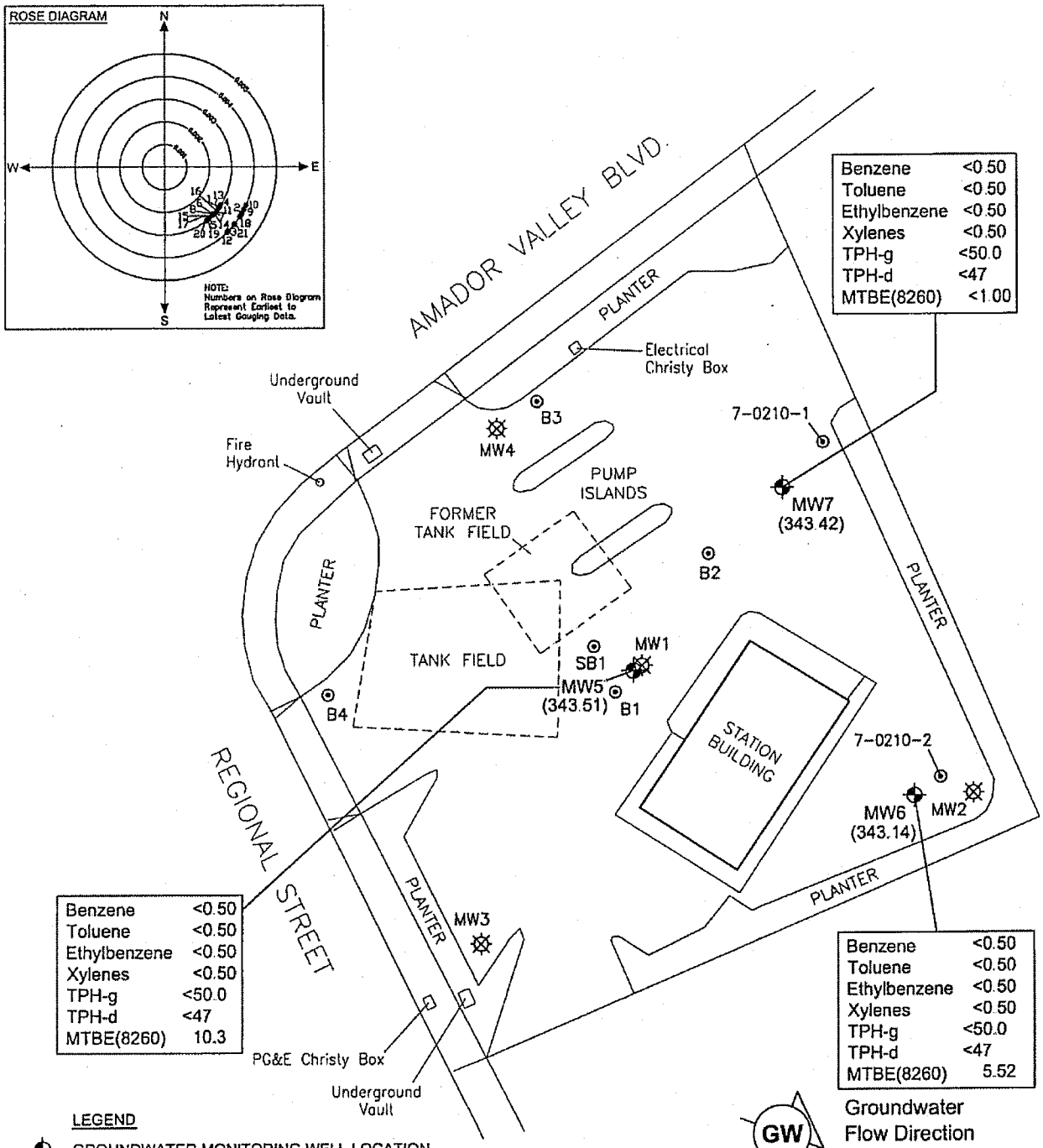
(Map Source: USGS Topographic Map)

FILENAME: TOPO0605.DWG 05/14/06

ETIC ENGINEERING

SITE LOCATION AND TOPOGRAPHIC
FORMER EXXON RS 7-0210
7840 AMADOR VALLEY BLVD.
DUBLIN, CA

ATTACHMENT 1



LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING / GROUNDWATER SAMPLING LOCATION
- DESTROYED GROUNDWATER MONITORING WELL
- (343.51) GROUNDWATER ELEVATION (FEET)
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL T-BUTYL ETHER

CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L).

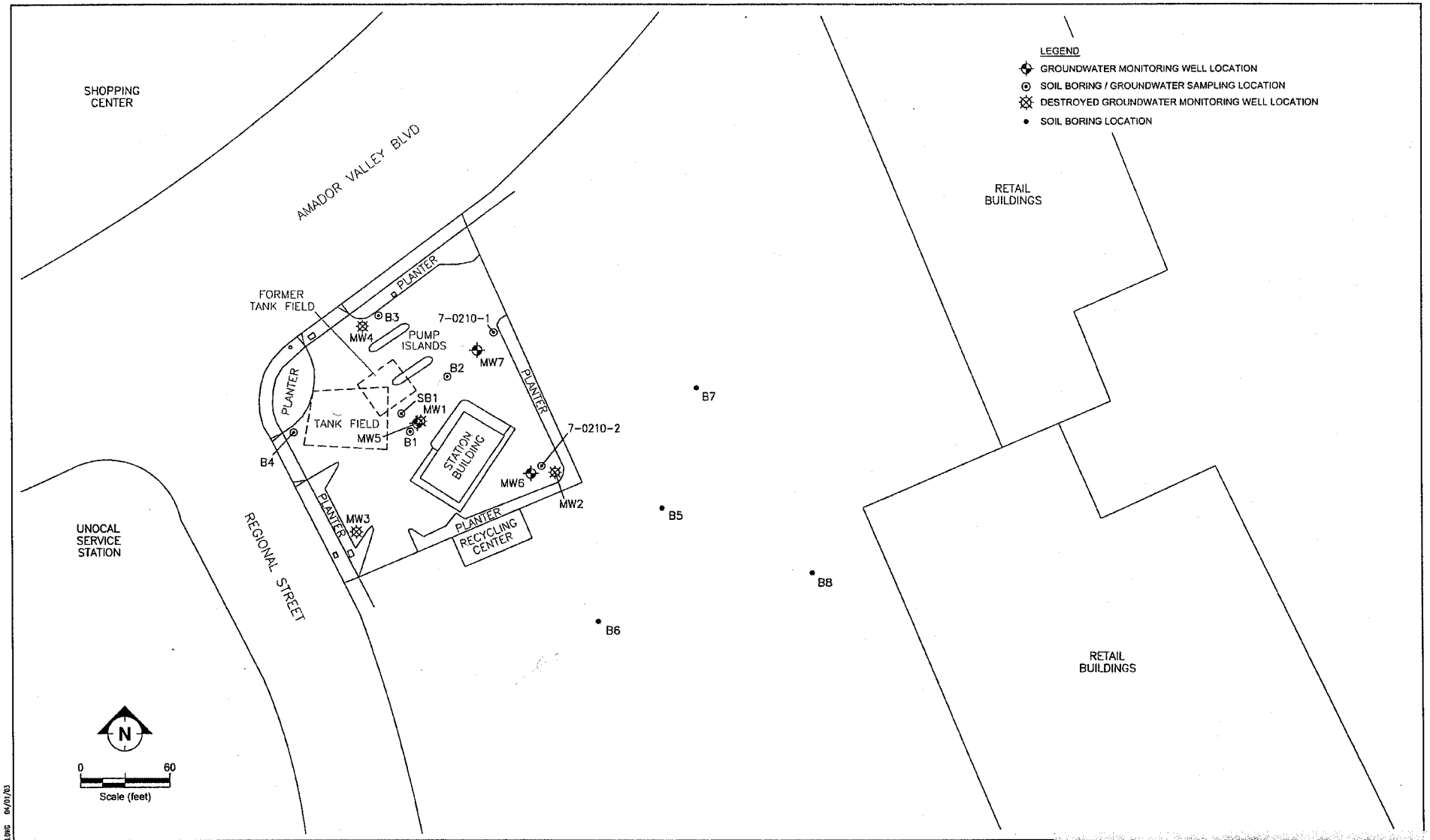
Note:
Analytical results taken from 2006 second quarter groundwater monitoring event.

FILENAME: SITE0606.DWG 06/14/06

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVA.
ROSE DIAGRAM AND ANALYTICAL RESUL
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLV
3 MAY 2006

ATTACHMENT 2



FILENAME: OFFSITE0303.DWG 04/01/03

ETIC ENGINEERING

VICINITY MAP SHOWING OFFSITE BORING LOCATIONS
FORMER EXXON RS 7-0210
7840 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

ATTACHMENT 3

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	Date	Sample Depth (ft bgs)	Concentration (mg/kg) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	MTBE 8260B	Organic Lead	TOC (%)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
SB-1	10/16/91	5.5-6	<0.001	<0.001	<0.001	<0.001	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10-10.5	<0.001	<0.001	<0.001	<0.001	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15.5-16	0.045	0.15	0.67	2	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG1	10/30/91	12	<0.005	<0.005	0.009	0.007	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG2	10/30/91	13	0.25	0.75	3.2	14	440	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG3	10/30/91	15	0.023	0.074	0.064	0.21	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG4	10/30/91	14	1.2	8.8	17	98	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG5	10/30/91	15	0.025	<0.005	0.037	0.044	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG6	10/30/91	14	0.046	<0.005	0.13	0.075	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG7	10/30/91	13	<0.005	<0.005	<0.005	0.038	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG8	10/30/91	15	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG9	10/30/91	16	0.68	0.69	5.7	21	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG10	10/30/91	16	0.01	<0.005	0.052	0.13	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG11	10/30/91	16	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL1	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL2	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL3	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL4	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL5	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL6	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP1	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP2	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP3	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP4	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW1	05/14/92	10.5-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	0.25	NA	NA	NA	NA	NA	NA	NA
		14-14.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA
MW2	05/13/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		14.5-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW3	05/13/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15.5-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW4	05/14/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		14.5-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	15-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA

ATTACHMENT 4

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	Date	Sample Depth (ft bgs)	Concentration (mg/kg) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	MTBE 8260B	Organic Lead	TOC (%)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
B2	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	14-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	2.1	<0.025	NA	NA	NA						
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	12-12.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	19-20	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.3	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	8-9	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	15-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW5	11/15/00	9.5-10	<0.001	<0.001	0.0033	0.0038	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
		13-13.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	0.023	<0.01	NA	NA	NA	NA	NA	NA	NA	NA
MW6	11/14/00	10-10.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	0.257	NA	NA	NA	NA	NA	NA
		13-13.5	<0.001	<0.001	<0.001	0.001	<1.0	NA	0.018	<0.01	NA	NA	NA	NA	NA	NA	NA	NA
MW7	11/14/00	10-10.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
		13.5-14	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5	02/26/03	10-10.5	<0.001	<0.001	<0.001	<0.001	<5	<9.92	NA	0.0291	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	14.5-15	0.001	0.001	<0.001	<0.001	<5	<10.1	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	22.5-23	0.001	<0.001	<0.001	<0.001	<5	<9.92	NA	0.0047	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
B6	02/26/03	10-10.5	<0.001	<0.001	<0.001	<0.001	<5	<10.1	NA	0.0068	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	16.5-17	<0.001	<0.001	<0.001	<0.001	<5	<9.96	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	19.5-20	0.001	<0.001	<0.001	<0.001	<5	<10.1	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	26.5-27	<0.001	<0.001	<0.001	<0.001	<5	<10.1	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
B7	02/26/03	10-10.5	<0.001	<0.001	<0.001	<0.001	<5	<10	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	16.5-17	0.001	<0.001	<0.001	<0.001	<5	<10	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	20-20.5	<0.001	<0.001	<0.001	<0.001	<5	<9.92	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
B8	02/26/03	10-10.5	<0.05	<0.05	<0.05	<0.05	<50	<10	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	15-15.5	<0.001	<0.001	<0.001	<0.001	<5	<9.88	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	17-17.5	<0.001	<0.001	<0.001	<0.001	<5	<9.92	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002
	02/26/03	23-23.5	0.002	0.003	<0.001	<0.001	<5	<10	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	<0.05	<0.002	<0.002

TABLE 4 GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS FOR TEMPORARY BORINGS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CALIFORNIA

			Concentration (µg/L)													
Boring	Date	Depth (ft bgs)	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE (8021B)	MTBE (8260B)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
B1[a]	12/3/1998	--	<0.5	1.7	<0.5	<0.5	100	NA	3,500	4,000	NA	NA	NA	NA	NA	NA
B2[a]	12/03/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	28	19	NA	NA	NA	NA	NA	NA
B3[a]	12/03/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	<2.5	NA	NA	NA	NA	NA	NA	NA
B4[a]	12/03/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	<2.5	NA	NA	NA	NA	NA	NA	NA
B5	02/26/03	15	<1.0	<1.0	<1.0	<1.0	<50	61	NA	35.3	<0.50	<0.50	<0.50	<10	<0.50	<0.50
	02/26/03	21-24	<1.0	<1.0	<1.0	<1.0	<50	116	NA	8.10	<0.50	<0.50	<0.50	<10	<0.50	<0.50
B6	02/26/03	20	<1.0	<1.0	<1.0	<1.0	<50	<50	NA	2.10	<0.50	<0.50	<0.50	<10	<0.50	<0.50
B7	02/26/03	17	<1.0	<1.0	<1.0	<1.0	<50	<50	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50
	02/26/03	19-21	<1.0	<1.0	<1.0	<1.0	<50	66	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50
B8	02/26/03	17	<1.0	<1.0	<1.0	<1.0	<50	<50	NA	1.40	<0.50	<0.50	<0.50	<10	<0.50	<0.50
	02/26/03	21-24	<1.0	<1.0	<1.0	<1.0	<50	<50	NA	2.40	<0.50	<0.50	<0.50	<10	<0.50	<0.50

Notes:

a Data from EA Engineering, 1999.

ft bgs Feet below ground surface.
NA Not analyzed.
µg/L Micrograms per liter.

1,2-DCA 1,2-Dichloroethane.
DIPE Di-isopropyl ether.
EDB 1,2-Dibromoethane.
ETBE tert-Butyl ethyl ether.
MTBE Methyl t-butyl ether.
TAME tert-Amyl methyl ether.
TBA t-Butyl alcohol.
TPH-g Total Petroleum Hydrocarbons as gasoline.
TPH-d Total Petroleum Hydrocarbons as diesel.

TABLE 3 HISTORICAL GRAB GROUNDWATER ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample Designation	Date	Depth (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE
B1	12/03/98		<0.5	1.7	<0.5	<0.5	100	3,500 4,000 a
B2	12/03/98		<0.5	<0.5	<0.5	<0.5	<50	28 19 a
B3	12/03/98		<0.5	<0.5	<0.5	<0.5	<50	<2.5
B4	12/03/98		<0.5	<0.5	<0.5	<0.5	<50	<2.5
70210-1, 10	04/20/00	10	<1	<1	<1	<1	<50	1 <5a
70210-2, 11	04/20/00	11	<1	<1	<1	7.2	140	200 190a

TPH-g	Total Petroleum Hydrocarbons as gasoline.
MTBE	Methyl-t-butyl ether.
µg/L	Micrograms per liter.
a	Confirmatory result; analysis by EPA Method 8260B.

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TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number		Well Isntallation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW1	a	04/14/92	96.32	PVC	26.5	24.75	10.25	4	11-24	0.010	10-25	--
MW2	a	05/13/92	95.91	PVC	26	25	10.25	4	10-25	0.010	9.5-26	--
MW3	a	05/14/92	97.95	PVC	28	27.75	10.25	4	12.5-27.5	0.010	11-28	--
MW4	a	05/14/92	96.69	PVC	26.5	25	10.25	4	12-25	0.010	11-26	--
MW5	b	11/15/00	352.95	PVC	25	25	8.25	2	10-25	0.020	7-25	#3 sand
MW6	b	11/14/00	352.69	PVC	27	25	8.25	2	10-25	0.020	8-27	#3 sand
MW7	b	11/14/00	351.87	PVC	26	25	8.25	2	10-25	0.020	7-25	#3 sand

a Well was destroyed April 1996.
b Elevation is based on the Alameda Benchmark AM-STW. Elevation = 344.17 feet.

PVC Polyvinyl chloride.

TOC Top of casing.

-- Information not available.

ATTACHMENT 5

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

LOG OF SOIL BORING

B1

CLIENT	PROJECT NUMBER	LOCATION
Exxon Company, USA	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Geoprobe 5400 Rig; 4 Foot Macro-Core Sampler

				DRILLING START	DRILLING FINISH
Water Level	12.95'				
Time	0900			TIME 0820	TIME 0845
Date	12/3/98			DATE 12/3/98	DATE 12/3/98
Reference	Ground Surface				

SURFACE CONDITIONS: Asphalt (4")

DESCRIPTION by: D. Conkle

Feet Driven	Feet Recovered	Blows/6" Sampler	OVA Reading	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
					0		Asphalt. Borehole cleared to 8 feet by Saf-R-Dig.
					1	ML	
					2		
					3		
					4		
					5	ML	CLAYEY SILT: with some fine sand, soft, low plasticity, slightly moist.
					6		
					7		
					8		
4	4				9		SILTY CLAY: with random gravel up to 1 inch in diameter, very dark gray (10YR 3/1), firm, stiff, moderate plasticity, moist.
			0.4		10	CL	
					11		
					12		Increase in sand and gravel with depth.
4	4				13		SILTY CLAY WITH SAND: <30% fine sand and gravel, dark gray (2.5Y 4/1), firm, moderate plasticity, moist.
			8.0		14		
					15	CL	
					16		
4	3				17	GC	CLAYEY GRAVEL WITH SAND: <15% fine to coarse sand, gravel up to 1 inch in diameter, subangular, wet.
					18	CL	LEAN CLAY: with sand, <10% fine sand, dark grayish brown (2.5Y 4/2), soft to firm, moderate plasticity, moist.
			12.5		19		
					20		*Borehole terminated @ 20 feet bgs.*

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ATTACHMENT 6

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

LOG OF SOIL BORING

B2

CLIENT	PROJECT NUMBER	LOCATION
Exxon Company, USA	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Geoprobe 5400 Rig; 4 Foot Macro-Core Sampler

				DRILLING START	DRILLING FINISH
Water Level	12.30'				
Time	1215			TIME 1140	TIME 1210
Date	12/3/98			DATE 12/3/98	DATE 12/3/98
Reference	Ground Surface				

SURFACE CONDITIONS: Asphalt (4")

DESCRIPTION by: B. Howell

Feet Driven	Feet Recovered	Blows/6" Sampler	OVA Reading	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG	
					0		Asphalt. Borehole cleared to 8 feet by Saf-R-Dig.
					1		
					2	CL	
					3		
					4		
					5		
					6	CL	SILTY CLAY: with clasts of light brown fine sand, minor gravel ranging from 0.75-1 inch in diameter, dark gray (N3) to black, medium stiff, dry.
					7		
					8		
4	4		0.9			SM	SAND: with clay, fine sand, gray green (5GY 4/1).
			0.9		9		
					10		
						CL	CLAY: gray green (10Y 2.5/1), stiff, medium plasticity.
					11		
					12		
4	4						
					13		Sandstone pebble stringer at 13 feet.
					14		
					15		CLAY: with gravel up to 0.25 inch in diameter, light brown (2.5Y 6/2) with white veins, medium plasticity, damp.
						CL	
					16		
4	4		1.0			SC	CLAYEY SAND: with gravel.
					17		
					18		
						CL	CLAY: with minor fine gravel, light brown, medium to high plasticity.
					19		3 inch stringer of fine gravel at 19 feet bgs.
					20		*Borehole terminated @ 20 feet bgs.*

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EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

LOG OF SOIL BORING

B3

CLIENT	PROJECT NUMBER	LOCATION
Exxon Company, USA	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Geoprobe 5400 Rig; 4 Foot Macro-Core Sampler

				DRILLING START	DRILLING FINISH
Water Level	12.60'				
Time	1115			TIME 1040	TIME 1105
Date	12/3/98			DATE 12/3/98	DATE 12/3/98
Reference	Ground Surface				

SURFACE CONDITIONS: Concrete (5.5")

DESCRIPTION by: D. Conkle

Feet Driven	Feet Recovered	Blows/6" Sampler	OVA Reading	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG	
					0		Concrete. Borehole cleared to 8 feet by Saf-R-Dig.
					1		
					2	CL	
					3		
					4		
					5		
					6	CL	SILTY CLAY: with minor fine sand, soft, non-plastic, dry.
					7		
					8	GW/GM	WELL GRADED GRAVEL WITH SILT AND SAND: well graded sand, gravel up to 0.4 inch in diameter, loose, weak cementation, moist.
4	4		0.5		9		
					10	CL	SILTY CLAY: with <5% coarse sand, very dark gray with white veins, stiff, firm, low to moderate plasticity, moist.
					11		
					12	GC	CLAYEY GRAVEL WITH SAND: well graded sand (predominately medium to coarse) gravel up to 0.8 inch in diameter, subrounded, medium plastic fines, wet.
4	4		0.8		13	CL	
					14		SANDY CLAY: approximately 30% fine to medium sand, random coarse sand, grayish brown (10YR 5/2), firm, low plasticity, moist.
			0.4		15		
					16		
4	4				17	SM	SILTY SAND: poorly graded coarse sand, weak cementation, subangular to subrounded, non-plastic, wet.
			0.6		18	CL	LEAN CLAY WITH SAND: <15% fine to medium sand, grayish brown (2.5Y 5/2), soft, moderate plasticity, very moist.
					19		
					20		*Borehole terminated @ 20 feet bgs.*

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY

LOG OF SOIL BORING

B4

CLIENT	PROJECT NUMBER	LOCATION
Exxon Company, USA	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS	Geoprobe 5400 Rig 4 Foot Macro-Core Sampler

				DRILLING START	DRILLING FINISH
Water Level	17.50'				
Time	0955			TIME 0940	TIME 1000
Date	12/3/98				
Reference	Ground Surface			DATE 12/3/98	DATE 12/3/98

SURFACE CONDITIONS: Asphalt (7")

DESCRIPTION by: D. Conkle

Feet Driven	Feet Recovered	Blows/6" Sampler	OVA Reading	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG	
					0		Asphalt. Borehole cleared to 8 feet by Saf-R-Dig.
					1	CL	
					2		
					3		
					4		
					5	CL	SILTY CLAY: dark brown (10YR 3/3), soft, low plasticity, dry.
					6		
					7	SC/	SANDY CLAY/CLAYEY SAND: >30% fine to medium sand, random coarse sand, dark grayish brown (10YR 4/2), soft moderate plasticity, moist.
4	4				8	CL	
					9		
			0.1		10	CL	SILTY CLAY: with <10% fine sand, black (2.5Y 2.5/1), firm stiff, moist.
					11		
					12		
4	4				13	CL	SILTY CLAY: with sand and random gravel up to 0.4 inch in diameter, light olive brown (2.5Y 5/2) with white mottling/veins, firm, low plasticity, moist.
					14		
					15		
			0.5		16	CL	
4	3.5				17		
					18	SC	CLAYEY SAND WITH GRAVEL: well graded sand (predominately medium), gravel up to 0.2 inch in diameter, wet.
					19	CL	LEAN CLAY WITH SAND: <10% fine to medium sand and random gravel up to 0.4 inch in diameter, dark grayish brown (10YR 4/2), firm, moderate plasticity.
			0.4		20		*Borehole terminated @ 20 feet bgs.*

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LOG OF SOIL BORING: **MW5**

COORDINATES:

ELEVATION TOP OF CASING: 352.93

CASING BELOW SURFACE:

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Mobile B-57 Rig; 8.25" O.D. Hollow Stem Auger

				DRILLING START	DRILLING FINISH
WATER LEVEL	14.15'	14.86'			
TIME	0950	1052		TIME 0857	TIME 1032
DATE	11/15/00	11/15/00		DATE 11/15/00	DATE 11/15/00
REFERENCE					

SURFACE CONDITIONS: ASPHALT (4")

DESCRIPTION BY: Hamidou Barry / Bob Flory

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG	
					0		Borehole cleared to 8.4ft by vacuum method. ASPHALT
					1		
					2		
					3		
					4	SM	SILTY SAND (SM): light olive brown (2.5Y 5/4); fine sand, loose, weak cementation, low plasticity fines, damp to moist, rare angular gravel up to 0.75".
					5		
					6		
					7		
					8		
24	24	3 7	0.0		9		
		13 15			10	CL	SILTY CLAY (CL): dark greenish gray (10Y 4/1), firm, low plasticity, damp; some fine sand, rare rounded gravel to 0.5".
24	24	8 12	0.0		11		
		15 50/5"			12		SAME: coarse sand, hard.
24	24	7 9	0.0		13		
		12 15			14	SC	CLAYEY SAND (SC): greenish gray (10Y 5/1), medium dense, weak cementation.
24	24	6 7	1.0		15	CL	Gravelly at 14.5', subangular-subrounded up to 1".
		7 9			16		SILTY CLAY (CL): greenish gray (10Y 5/1), soft to firm, low plasticity, damp.
24	24	2 3	14 97		17	SM/SC	SILTY CLAYEY SAND (SM/SC): greenish gray (10Y 5/1), medium dense, minor gravel, subrounded up to 0.5", damp to moist.
		3 6	1.0		18		
					19	CL	SILTY CLAY (CL): light olive brown (2.5Y 4/4), soft, medium plasticity, damp; some fine sand.
					20		

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG
24	20	6			21	GW
		6				
		7			22	SC
		9				
					23	
24	24	7				
		7			24	
		7				CL
		8			25	
					26	
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	
					41	
					42	
					43	
					44	
					45	

LOG OF SOIL BORING:

MW5

SANDY GRAVEL (GW): light yellowish brown (2.5Y 6/3), well-graded gravel, weak cementation; subrounded gravel to 1", fine to coarse sand, wet.

CLAYEY SAND (SC): light olive brown (2.5Y 5/4), medium dense; low plasticity fines, fine to medium sand, damp to moist.

SANDY, SILTY CLAY (CL): light yellowish brown (2.5Y 6/4), soft, medium plasticity, damp; fine sand.

Boring terminated at 25ft.
Sampled to 25ft.

ETIC Engineering, Inc.

LOG OF SOIL BORING: **MW6**

COORDINATES:

ELEVATION TOP OF CASING: 352.66

CASING BELOW SURFACE:

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Mobile B-57 Rig; 8.25" O.D. Hollow Stem Auger

				DRILLING START	DRILLING FINISH
WATER LEVEL	16.8'	14.55'			
TIME	1035	1204		TIME 1038	TIME 1130
DATE	11/14/00	11/14/00		DATE 11/14/00	DATE 11/14/00
REFERENCE	Ground Surface	Ground Surface			

SURFACE CONDITIONS: ASPHALT (4")

DESCRIPTION BY: Hamidou Barry / Bob Flory

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	DEPTH (feet)	GRAPHIC LOG	
				0		Borehole cleared to 4ft by vacuum method. ASPHALT
				1		
				2		
				3	CL	SANDY CLAY (CL): yellowish brown (10YR 5/4), low plasticity, soft, damp.
				4		
				5		
24	18	8				
		8		6		
		16	0.0			SILTY, CLAYEY SAND (SC): light olive brown (2.5Y 5/3), fine-grained sand, soft to medium dense; low plasticity fines, damp.
		16		7		
24	24	4			SC	
		4		8		
		5				
		6		9		
24	24	5				SAME: color changes to yellowish brown (10YR 5/4).
		5	0.0	10		
		6				
		7		11	CL	SANDY CLAY (CL): olive (5Y 5/4), firm, medium plasticity, damp, fine sand.
24	24	5				
		5		12		
		9				SAME: minor medium to coarse sand.
		10		13		
24	24	7				
		7		14	SC	CLAYEY SAND (SC): light olive brown (2.5Y 5/4), medium dense, low plasticity fine, some subrounded gravel, fine to coarse sand, moist.
		11				
		11	0.0	15		
24	24	5				
		5		16		SAME: increase in clay content.
		7				
		12		17		
				18	SP	SAND (SP): yellowish brown (10YR 5/6), poorly graded, fine sand, moderate cementation, medium dense, wet; some subrounded gravel up to 0.5".
				19		Gravelly at 17ft.
				20		

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

LOG OF SOIL BORING:

MW6

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG
24	24	3, 4			21	SC
		7, 9			22	
					23	
24	12	4, 4			24	
		6			25	SC
24	24	4, 6			26	
		7, 10	0.0		27	CL
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	
					41	
					42	
					43	
					44	
					45	

CLAYEY SAND (SC): light yellowish brown (2.5Y 6/4), medium dense, fine sand, low plasticity clay, moist.

SAME: at 25 ft, gravelly subrounded to rounded gravel to 1"; fine to coarse sand.

SANDY CLAY (CL): olive (5Y 4/3), firm to hard, medium plasticity, damp; fine sand.

Boring terminated at 27ft bgs.
Sampled to 27 ft.

ETIC Engineering, Inc.

LOG OF SOIL BORING: **MW7**

COORDINATES:

ELEVATION TOP OF CASING: 351.86

CASING BELOW SURFACE:

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

DRILLING AND SAMPLING METHODS: Mobile B-57 Rig; 8.25" O.D. Hollow Stem Auger

				DRILLING START	DRILLING FINISH
WATER LEVEL	14.3'				
TIME	1500			TIME 1435	TIME 1637
DATE	11/14/00			DATE 11/14/00	DATE 11/14/00
REFERENCE					

SURFACE CONDITIONS: ASPHALT (4")

DESCRIPTION BY: Hamidou Barry / Bob Flory

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	DEPTH (feet)	GRAPHIC LOG	
				0		Borehole cleared to 4ft bgs by vacuum method. ASPHALT
				1		
				2	CL	SILTY CLAY (CL): dark olive gray (5Y 3/2), soft to firm, low plasticity, damp; some coarse sand, angular gravel up to 1".
				3		
				4		
18	18	6		5		
		9	0.0	6	SC	CLAYEY SAND (SC): light olive brown (2.5Y 5/3); fine sand, medium dense, nonplastic fine, damp, root traces.
		12		7		
				8		
				9		
24	24	10	0.0	10	SC	SAME: color change to olive brown (2.5Y 4/3), rare rounded gravel to 0.5".
		11		11		
		12		12	CL	SILTY CLAY (CL): olive brown (2.5Y 4/2), firm, low plasticity; some fine sand, damp, rare gravel subangular to 1".
24	24	5		13	ML	CLAYEY SILT (ML): olive brown (2.5Y 4/4), soft, low plasticity, moist; some fine sand.
		7	0.0	14	SC	CLAYEY SAND (SC): dark yellowish brown (10YR 4/4), fine sand, medium dense, moist.
		7		15		
		9		16	SW	SAND (SW): olive (5Y 5/3), well-graded, loose, weak cementation, some subrounded gravel to 0.5", wet.
24	24	3		17		No recovery.
		3		18		
		4	0.0	19	SW	GRAVELLY SAND (SW): olive brown (2.5Y 4/4), fine to coarse sand, subrounded gravel up to 1"; weak cementation, some clay and silt, wet.
		6		20		
24		2				
		3				
		4				
		6				
24	10	9				
		11				
		10				
		12				

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd., Dublin, CA

LOG OF SOIL BORING:

MW7

INCHES DRIVEN	INCHES RECOVER	BLOWS/6" SAMPLER	PID READING	WELL DETAIL	DEPTH (feet)	GRAPHIC LOG
24	24	2				
		6				
		10			21	SP
		12			22	
24	24	3				CL
		6			23	
		9				
		12			24	SC
24	24	10				
		15	4.0		25	
		17				CL
		20			26	
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	
					37	
					38	
					39	
					40	
					41	
					42	
					43	
					44	
					45	

SAND (SP): light olive brown (2.5Y 5/3), poorly graded, fine sand, loose; some coarse sand, low plasticity fine, wet.

SANDY CLAY (CL): light olive brown (2.5Y 5/3), soft to firm, medium plasticity, damp; fine sand, some silt.

CLAYEY SAND (SC): olive (5Y 5/3), medium dense, fine sand, low plasticity fine, damp to moist.

SILTY CLAY (CL): dark olive brown (2.5Y 3/3), firm to hard, low plasticity, damp.

Boring terminated at 25 feet.
Sampled to 26ft.

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B5**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

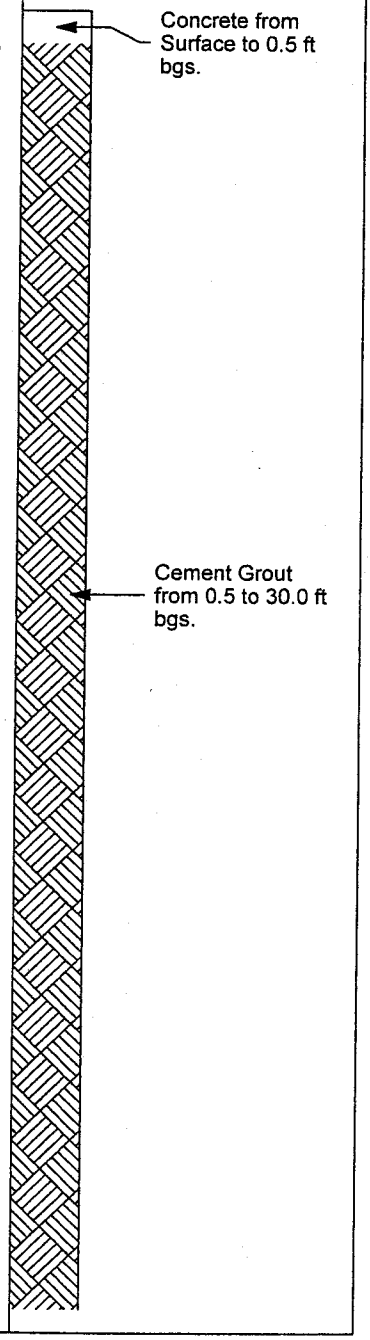
				START	FINISH
WATER LEVEL	▽ 9.0				
TIME	1450			TIME 1430	TIME 1630
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 3", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2	CL	CLAY: greenish black (N 2.5/1), hard, low plasticity.
				3		
				4		Color change to greenish gray (10Y 5/1), increase in silt content.
				5	SP	SAND w/ GRAVEL: medium sand, gravel up to 3/4".
60	60	-	1.4	5		SANDY SILT: dark olive brown (2.5Y 3/3), hard, moderate plasticity, very fine sand, rare gravel, dry to damp.
				6		
				7		
				8	ML	
				9 ▽		
			1.7	9		
60	60	-	1.2	10		
				11	SM	SILTY SAND w/ GRAVEL: gray (2.5Y 5/1), soft, very fine to medium sand, gravel up to 3/4", non plastic fines, moist.
				12		SANDY SILT: olive brown (2.5Y 4/3), hard, low plasticity, very fine to fine sand, rare coarse sand, dry to damp, increase in gravel to 15 ft.
				13		
			1.6	14	ML	
60	42	-		15		
				16		
				17		SAND: light olive brown (2.5Y 5/3), soft, fine to medium sand, minor coarse sand, gravel up to 1", non to low plastic fines, wet.
			1.4	18	SP	
				19		
				20		

DETAILS



LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B5

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
60	60	-		21	SP	Color change to grayish brown (2.5Y 5/2).
				22		
			1.6	23	SW	SAND: grayish brown (2.5Y 5/2), coarse sand with angular gravel to 1", saturated.
				24	CL	SILTY CLAY: olive brown (2.5Y 4/4), soft, moderate to high plasticity, dry to damp.
				25		
60	60	-		26	SP	SAND: light olive brown (2.5Y 5/4), very fine to fine sand, saturated.
				27		
				28	SW	SAND: grayish brown (2.5Y 5/2), coarse sand with gravel up to 1/2", wet.
				29	CL	SILTY CLAY: olive brown (2.5Y 4/4), soft, moderate to high plasticity, dry to damp.
				30		Boring Terminated at 30.0 ft bgs.
				31		
				32		
				33		
				34		
				35		
				36		
				37		
				38		
				39		
				40		
				41		
				42		
				43		
				44		
				45		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

Cement Grout from 0.5 to 30.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B6**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

				START	FINISH
WATER LEVEL	▽ 11.0	▼ 7.73			
TIME	1258	1411		TIME 1230	TIME 1430
DATE	2/26/03	2/26/03		DATE 2/26/03	DATE 2/26/03
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt to 4", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2		SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.
				3	CL	Color change to light gray (2.5Y 7/1), increased silt content.
				4		
60	60	-	0.1	5		SANDY SILT: olive brown (2.5Y 4/3), soft, moderate to low plasticity, very fine sand, dry.
				6	ML	
				7		
				8		CLAYEY SILT: dark olive brown (2.5Y 3/3), hard, rare very fine sand, rare angular gravel, dry.
			0.9	9		
60	60	-	0.5	10		
				11		
				12	ML	Increase in sand content, minor gravel content.
				13		
			0.1	14		
24	24	-		15		
			0.1	16		
36	36	-		17		SANDY SILT: light olive brown (2.5Y 5/4), soft, moderate plasticity, very fine to fine sand, interlayers of coarse sand, rare angular gravel, dry to damp.
				18	ML	
			0.1	19		
				20		

DETAILS

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B6

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG	
60	0	-		20						No Recovery from 20 to 25 ft.
				21						
				22						
				23						
				24						
24	24	-		25						SANDY SILT: light olive brown (2.5Y 5/4), moderate plasticity, very fine sand, rare gravel, wet.
			0.5	26					ML	
				27						Boring Terminated at 27.0 ft bgs.
				28						
				29						
				30						
				31						
				32						
				33						
				34						
				35						
				36						
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						

Cement Grout from 0.5 to 27.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B7**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

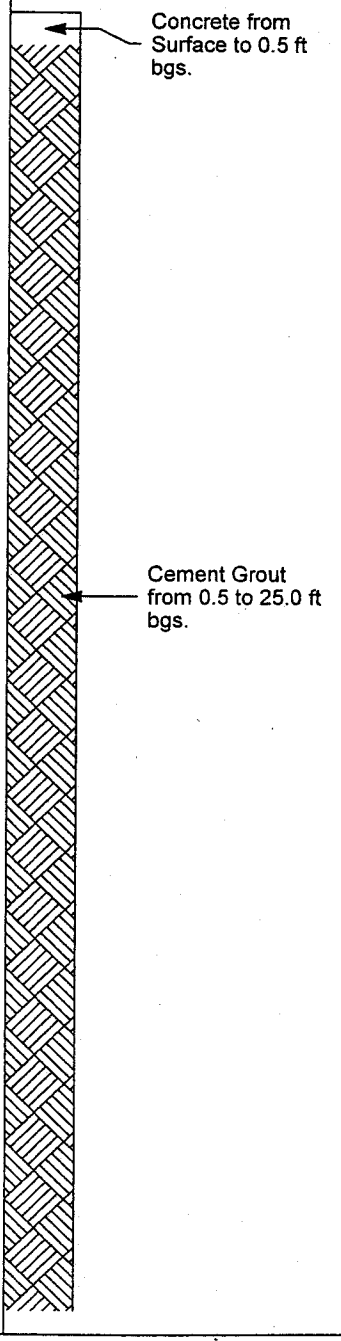
				START	FINISH
WATER LEVEL	▽ 9.50				
TIME	1649			TIME 1630	TIME 1830
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 4", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2		SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.
				3	CL	
				4		Color change to light gray (2.5Y 7/1), increased silt content.
60	60	-	0.3	5		SANDY SILT: olive brown (2.5Y 4/3), soft, moderate plasticity, very fine sand, rare coarse sand, dry, light gray mottling.
				6		
				7		
				8		
			0.1 ▽	9		
60	24	-		10		
				11	ML	Color change to olive yellow (2.5Y 6/8), increase in fine sand and gravel content, gravel up to 1/2", dry.
				12		No recovery from 12 to 15 ft.
				13		
				14		
24	24	-		15		Color change to light olive brown (2.5Y 5/4), soft, increase in very fine sand content, rare gravel up to 1/2", dry to damp.
			0.5	16		
36	24	-		17		SILTY SAND: light olive brown (2.5Y 5/4), soft, very fine sand, gravel up to 1/2", wet to saturated.
				18	SM	
				19		
				20		

DETAILS



LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC
Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B7

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
60	42	-		21	SM
				22	
				23	ML
			0.2	24	
				25	
				26	
				27	
				28	
				29	
				30	
				31	
				32	
				33	
				34	
				35	
				36	
				37	
				38	
				39	
				40	
				41	
				42	
				43	
				44	
				45	

SANDY SILT: light olive brown (2.5Y 5/4), soft, moderate plasticity, very fine sand content, rare gravel up to 1/2", dry to damp.

No recovery from 23.5 to 25 ft.

Boring Terminated at 25.0 ft bgs.

Cement Grout from 0.5 to 25.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B8**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

				START	FINISH
WATER LEVEL	▽ 12.5				
TIME	1053			TIME 0900	TIME 1230
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 3", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2	CL	SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.
				3		Color change to light gray (2.5Y 7/1), increased silt content.
				4		
60	54	-		5		SANDY SILT: dark grayish brown (2.5Y 4/2), hard, low to moderate plasicity, very fine to fine sand, dry to damp.
			0.5	6		
				7		
				8		
				9	ML	
60	60	-	0.3	10		Soft, rare gravel, damp to moist, light gray mottling.
				11		
				12 ▽		
				13		
			0.1	14		
24	24	-	0.7	15	SC	CLAYEY SAND: light olive brown (2.5Y 5/4), soft, very fine to fine sand, rare angular gravel, wet.
			0.1	16	ML	SANDY SILT: light olive brown (2.5Y 5/4), soft, very fine to fine sand, damp to moist.
36	36	-	0.2	17		CLAYEY SAND: light olive brown (2.5Y 5/4), soft, very fine to fine sand, rare angular gravel, wet.
				18	SC	
			0.1	19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING:

B8

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
60	60			21					SC
				22					
			0.2	23					
			0.4	24					CL
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					

SANDY CLAY: olive brown (2.5Y 4/3), hard, low to moderate plasticity, very fine to fine sand, rare gravel, dry to damp. Boring Terminated at 25.0 ft bgs.

Cement Grout from 0.5 to 25.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW1	05/21/92	96.32	14.45	81.87	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW1	02/10/93	96.32	12.22	84.10	0.00	3.1	<0.5	1.8	0.6	2,600		NA		
MW1	05/20/93	96.32	10.74	85.58	0.00	1.9	<0.5	1.8	<1.0	1,000		NA		
MW1	06/23/93	96.32	11.74	84.58	0.00	1.0	<0.5	1.2	<0.5	1,300		NA		
MW1	08/23/93	96.32	12.72	83.60	0.00	<0.5	<0.5	<0.5	0.8	80		NA		
MW1	10/25/93	96.32	13.99	82.33	0.00	<0.5	<0.5	0.8	1.3	140		NA		
MW1	02/16/94	96.32	14.90	81.42	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW1	04/16/94	96.32	14.49	81.83	0.00	<0.5[b]	<0.5	<0.5	<0.5	190		NA		
MW1	07/26/94	96.32	15.11	81.21	0.00	<0.5[b]	<0.5	<0.5	<0.5	130		NA		
MW1	10/05/94	96.32	15.69	80.63	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW1	01/04/95	96.32	14.66	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW1	06/12/95	96.32	10.08	86.24	0.00	<0.5	<0.5	<0.5	<0.5	<50		230		
MW1			Well destroyed April 1996.											
MW2	05/21/92	95.91	14.30	81.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	02/10/93	95.91	12.34	83.57	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	05/20/93	95.91	10.73	85.18	0.00	<0.5	<0.5	<0.5	<1.0	320		NA		
MW2	06/23/93	95.91	11.74	84.17	0.00	<0.5	<0.5	<0.5	<0.5	130		NA		
MW2	08/23/93	95.91	12.60	83.31	0.00	<0.5	<0.5	<0.5	1.1	140		NA		
MW2	10/25/93	95.91	13.86	82.05	0.00	<0.5	<0.5	0.5	2.4	75		NA		
MW2	02/16/94	95.91	14.73	81.18	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	04/16/94	95.91	14.33	81.58	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	07/26/94	95.91	14.96	80.95	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	10/05/94	95.91	15.49	80.42	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	01/04/95	95.91	14.44	81.47	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW2	06/12/95	95.91	10.10	85.81	0.00	<0.5	<0.5	<0.5	<0.5	<50		59		

ATTACHMENT 7

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW2			Well destroyed April 1996.											
MW3	05/21/92	97.95	16.05	81.90	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW3	02/10/93	97.95	13.77	84.18	0.00	<0.5	<0.5	<0.5	0.7	<50		NA		
MW3	05/20/93	97.95	12.32	85.63	0.00	<0.5	<0.5	<0.5	<1.0	<50		NA		
MW3	06/23/93	97.95	13.34	84.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW3	08/23/93	97.95	14.30	83.65	0.00	2.3	1.2	1.4	4.1	<50		NA		
MW3	10/25/93	97.95	15.62	82.33	0.00	NS	NS	NS	NS	NS		NS		
MW3	02/16/94	97.95	16.48	81.47	0.00	NS	NS	NS	NS	NS		NS		
MW3	04/16/94	97.95	16.61	81.34	0.00	NS	NS	NS	NS	NS		NS		
MW3	07/26/94	97.95	16.72	81.23	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW3	10/05/94	97.95	17.33	80.62	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW3	01/04/95	97.95	16.29	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW3	06/12/95	97.95	11.67	86.28	0.00	<0.5	<0.5	<0.5	<0.5	<50		<2.5		
MW3			Well destroyed April 1996.											
MW4	05/21/92	96.69	14.59	82.10	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	02/10/93	96.69	12.30	84.39	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	05/20/93	96.69	10.75	85.94	0.00	1.4	1.0	<0.5	1.8	<50		NA		
MW4	06/23/93	96.69	11.78	84.91	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	08/23/93	96.69	12.82	83.87	0.00	<0.5	<0.5	<0.5	0.8	<50		NA		
MW4	10/25/93	96.69	14.10	82.59	0.00	NS	NS	NS	NS	NS		NS		
MW4	02/16/94	96.69	15.02	81.67	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	04/16/94	96.69	14.61	82.08	0.00	NS	NS	NS	NS	NS		NS		
MW4	07/26/94	96.69	15.23	81.46	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA		
MW4	10/05/94	96.69	15.85	80.84	0.00	<0.5	12	<0.5	<0.5	<50		NA		

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW4	01/04/95	96.69	14.84	81.85	0.00	<0.5	<0.5	<0.5	<0.5	<50			NA		
MW4	06/12/95	96.69	10.07	86.62	0.00	<0.5	<0.5	<0.5	<0.5	<50			<2.5		
MW4			Well destroyed April 1996.												
MW5	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION													
MW5	11/17/00	352.93	13.51	339.42	0.00	<0.5	<0.5	<0.5	2.46	240			1,500		
MW5	11/17/00	352.93											1,600[a]		
MW5	02/02/01	352.93	13.81	339.12	0.00	<0.5	<0.5	<0.5	<0.5	110			1,400		
MW5	02/02/01	352.93											1,200[a]		
MW5	05/09/01	352.93	12.20	340.73	0.00	<0.5	<0.5	<0.5	<0.5	<50			770[a]		ND[c]
MW5	09/12/01	352.93	13.84	339.09	0.00	<0.5	<0.5	<0.5	<0.5	100			760		NA
MW5	09/12/01	352.93											800[a]		
MW5	11/05/01	352.95	14.14	338.81	0.00	<0.5	<0.5	<0.5	0.61	70		86	510		NA
MW5	11/05/01	352.95											420[a]		
MW5	02/04/02	352.95	11.85	341.10	0.00	<0.5	<0.5	<0.5	<0.5	381	d	<50	630		NA
MW5	02/04/02	352.95											525[a]		
MW5	04/26/02	352.95	11.75	341.20	0.00	<0.5	<0.5	<0.5	<0.5	322	d	<50	378		NA
MW5	04/26/02	352.95											312[a]		
MW5	07/30/02	352.95	12.87	340.08	0.00	<0.5	<0.5	<0.5	<0.5	97.8	d	<50	126		NA
MW5	07/30/02	352.95											132[a]		
MW5	11/05/02	352.95	14.13	338.82	0.00	<0.5	<0.5	<0.5	<0.5	74.2	d	<50	80.0		NA
MW5	11/05/02	352.95											96.4[a]		
MW5	01/24/03	352.95	11.23	341.72	0.00	<0.5	<0.5	<0.5	<0.5	542	d	70	678		NA
MW5	01/24/03	352.95											509[a]		
MW5	04/24/03	352.95	10.79	342.16	0.00	<0.5	<0.5	<0.5	<0.5	384	d	<50	522		NA
MW5	04/24/03	352.95											498[a]		

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW5	08/05/03	352.95	12.24	340.71	0.00	<0.5	1.6	<0.5	1.3	282	d	<50	560		NA
MW5	08/05/03	352.95											428[a]		
MW5	10/17/03	352.95	13.64	339.31	0.00	<0.5	1.6	<0.5	0.9	229	d	<50	284		NA
MW5	10/17/03	352.95											272[a]		
MW5	01/28/04	352.95	12.41	340.54	0.00	<0.5	0.9	<0.5	1.1	283	d	NA [e]	485		NA
MW5	01/28/04	352.95											453[a]		
MW5	04/16/04	352.95	11.67	341.28	0.00	<0.5	<0.5	<0.5	<0.5	163	d	<50	200[a]	<100[a]	NA
MW5	08/03/04	352.95	13.39	339.56	0.00	<0.5	<0.5	<0.5	1.0	553	d	<50	92.8[a]	<100[a]	NA
MW5	11/04/04	352.95	13.17	339.78	0.00	<0.5	<0.5	<0.5	<0.5	117	d	<50	117[a]	<100[a]	ND[c]
MW5	02/16/05	352.95	10.81	342.14	0.00	<0.50	<0.5	<0.5	<0.5	<50.0	d	<50	43.2[a]	<100[a]	NA
MW5	05/16/05	352.95	9.92	343.03	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	29.5[a]	<100[a]	NA
MW5	08/17/05	352.95	11.84	341.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	2.29[a]	<100[a]	NA
MW5	11/17/05	352.95	13.77	339.18	0.00	<0.5	<0.5	<0.5	1.18	72.6	d	<50	1.02[a]	<50[a]	ND[c]
MW5	02/06/06	352.95	11.73	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.1[a]	NA	ND[c]
MW5	05/03/06	352.95	9.44	343.51	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	10.3[a]	NA	ND[c]
MW5	**08/04/06**	**352.95**	**11.91**	**341.04**	**0.00**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**d**	**<48.5**	**<0.500[a]**	**NA**	**ND[c]**
MW6	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION													
MW6	11/17/00	352.66	13.47	339.19	0.00	<0.5	<0.5	<0.5	<0.5	<50			270		
MW6	11/17/00	352.66											260[a]		
MW6	02/02/01	352.66	13.79	338.87	0.00	<0.5	<0.5	<0.5	<0.5	<50			160		
MW6	02/02/01	352.66											130[a]		
MW6	05/09/01	352.66	12.25	340.41	0.00	<0.5	<0.5	<0.5	<0.5	<50			760[a]		ND[c]
MW6	09/12/01	352.66	13.83	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50			680		NA
MW6	09/12/01	352.66											740[a]		
MW6	11/05/01	352.69	14.11	338.58	0.00	<0.5	<0.5	<0.5	<0.5	<50		<50	390		NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW6	11/05/01	352.69											320[a]		
MW6	02/27/02	352.69	11.77	340.92	0.00	<5.0	<5.0	8.00	<5.0	1,380	d	NA	1,310		ND[c]
MW6	02/27/02	352.69											1,410[a]		
MW6	04/26/02	352.69	11.75	340.94	0.00	<0.5	<0.5	<0.5	<0.5	422	d	<50	482		NA
MW6	04/26/02	352.69											430[a]		
MW6	07/30/02	352.69	12.88	339.81	0.00	<2.5	<2.5	<2.5	<2.5	144	d	<50	166		NA
MW6	07/30/02	352.69											185[a]		
MW6	11/05/02	352.69	14.12	338.57	0.00	<0.5	<0.5	<0.5	<0.5	99.7	d	<50	114		NA
MW6	11/05/02	352.69											118[a]		
MW6	01/24/03	352.69	11.32	341.37	0.00	<0.5	<0.5	<0.5	<0.5	342	d	84	388		NA
MW6	01/24/03	352.69											293[a]		
MW6	04/24/03	352.69	10.84	341.85	0.00	<0.5	<0.5	<0.5	<0.5	370	d	<50	509		NA
MW6	04/24/03	352.69											491[a]		
MW6	08/05/03	352.69	12.25	340.44	0.00	<0.5	<0.5	<0.5	<0.5	967	d	<50	1,240		NA
MW6	08/05/03	352.69											1,010[a]		
MW6	10/17/03	352.69	13.63	339.06	0.00	<0.5	1.2	<0.5	0.5	476	d	<50	528		NA
MW6	10/17/03	352.69											535[a]		
MW6	01/28/04	352.69	12.40	340.29	0.00	<0.5	0.8	<0.5	0.9	154	d	<50	283		NA
MW6	01/28/04	352.69											244[a]		
MW6	04/16/04	352.69	11.68	341.01	0.00	<0.5	<0.5	<0.5	<0.5	219	d	<50	301[a]	<100[a]	NA
MW6	08/03/04	352.69	13.37	339.32	0.00	<0.5	<0.5	<0.5	<0.5	243	d	<50	62.3[a]	<100[a]	NA
MW6	11/04/04	352.69	13.13	339.56	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	25.0[a]	<100[a]	ND[c]
MW6	02/16/05	352.69	10.77	341.92	0.00	<0.50	0.8	<0.5	1.4	53.5	d	<50	52.3[a]	<100[a]	NA
MW6	05/16/05	352.69	9.98	342.71	0.00	<0.5	<0.5	<0.5	1.2	59.7	d	<50	30.1[a]	<100[a]	NA
MW6	08/17/05	352.69	11.84	340.85	0.00	<0.5	0.574	<0.5	0.843	<50	d	<50	4.21[a]	<100[a]	NA
MW6	11/17/05	352.69	13.70	338.99	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.45[a]	<50[a]	ND[c]

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentraion (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW6	02/06/06	352.69	11.75	340.94	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	2.7[a]	NA	ND[c]
MW6	05/03/06	352.69	9.55	343.14	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	5.52[a]	NA	ND[c]
MW6	**08/04/06**	**352.69**	**11.89**	**340.80**	**0.00**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**d**	**<47.2**	**1.55[a]**	**NA**	**ND[c]**
MW7	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION													
MW7	11/17/00	351.86	12.44	339.42	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		
MW7	02/02/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		
MW7	05/09/01	351.86	11.15	340.71	0.00	<0.5	<0.5	<0.5	<0.5	<50			<5[a]		ND[c]
MW7	09/12/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5		NA
MW7	11/05/01	351.87	13.07	338.80	0.00	<0.5	<0.5	<0.5	<0.5	<50		50	<0.5		NA
MW7	02/04/02	351.87	10.79	341.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	5.80		NA
MW7	02/04/02	351.87											1.4[a]		
MW7	04/26/02	351.87	10.65	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.6		NA
MW7	07/30/02	351.87	11.77	340.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	11/05/02	351.87	13.04	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	01/24/03	351.87	10.19	341.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	106	<0.5		NA
MW7	04/24/03	351.87	9.76	342.11	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	08/05/03	351.87	11.18	340.69	0.00	<0.5	1.6	<0.5	<0.5	<50	d	<50	<0.5		NA
MW7	10/17/03	351.87	12.54	339.33	0.00	<0.5	1.7	<0.5	0.9	<50	d	<50	<0.5		NA
MW7	01/28/04	351.87	11.33	340.54	0.00	<0.5	1.0	<0.5	0.9	<50	d	<50	<0.5		NA
MW7	04/16/04	351.87	10.57	341.30	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5[a]	<100[a]	NA
MW7	08/03/04	351.87	12.30	339.57	0.00	<0.5	<0.5	<0.5	<0.5	94.0	d	<50	<0.5[a]	<100[a]	NA
MW7	11/04/04	351.87	12.08	339.79	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5[a]	<100[a]	ND[c]
MW7	02/16/05	351.87	9.73	342.14	0.00	<0.50	<0.5	<0.5	<0.5	<50.0	d	<50	<0.50[a]	<100[a]	NA
MW7	05/16/05	351.87	8.87	343.00	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50[a]	<100[a]	NA
MW7	08/17/05	351.87	10.73	341.14	0.00	<0.5	<0.5	<0.5	0.880	<50	d	<50	<0.50[a]	<100[a]	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g		TPH-d	MTBE	Ethanol	Other Oxygenates and Additives
MW7	11/17/05	351.87	12.63	339.24	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50[a]	<50[a]	ND[c]
MW7	02/06/06	351.87	10.65	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.50[a]	NA	ND[c]
MW7	05/03/06	351.87	8.45	343.42	0.00	<0.50	<0.50	<0.50	<0.50	<50.0	d	<47	<1.00[a]	NA	ND[c]
MW7	**08/04/06**	**351.87**	**10.81**	**341.06**	**0.00**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<50.0**	**d**	**<47.2**	**<0.500[a]**	**NA**	**ND[c]**

a Analysis by EPA Method 8260.

b A peak eluting earlier than benzene, suspected to be MTBE.

c Other oxygenates and additives include diisopropyl ether, t-butyl alcohol, tert-amyl methyl ether, tert-butyl ethyl ether, 1,2-dibromoethane, and 1,2-dichloroethane.

d TPH-g results beginning February 2002 include MTBE.

e Sample bottles broken in transit to laboratory.

LPH Liquid-phase hydrocarbons.

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

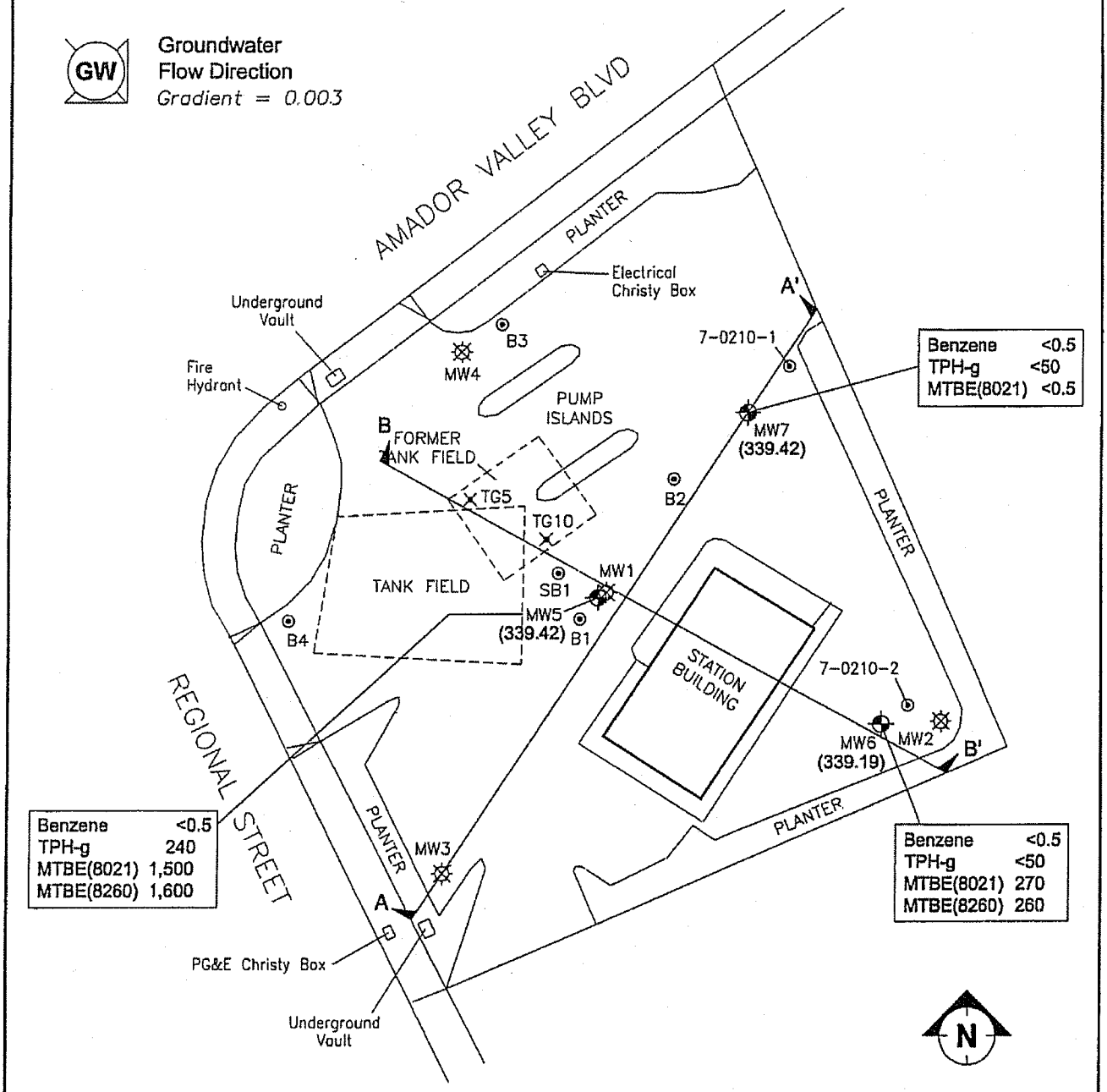
MTBE Methyl tertiary butyl ether.

NA Not analyzed.

ND Not detected.

NS Not sampled.

µg/L Micrograms per liter.



LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING / GROUNDWATER SAMPLING LOCATION
- CONFIRMATION SOIL SAMPLE
- DESTROYED GROUNDWATER MONITORING WELL

NOTE:
B1-B4 SAMPLED 12/98.
7-0210-1 AND 7-0210-2 SAMPLED 4/20/00

(339.42) GROUNDWATER ELEVATION (FEET MSL)
TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE METHYL T-BUTYL ETHER
CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L).

MAP ADAPTED FROM EA ENGINEERING, SCIENCE, AND TECHNOLOGY DRAWING, AND SITE SURVEY PERFORMED BY MILANI & ASSOCIATES, DECEMBER 2000.

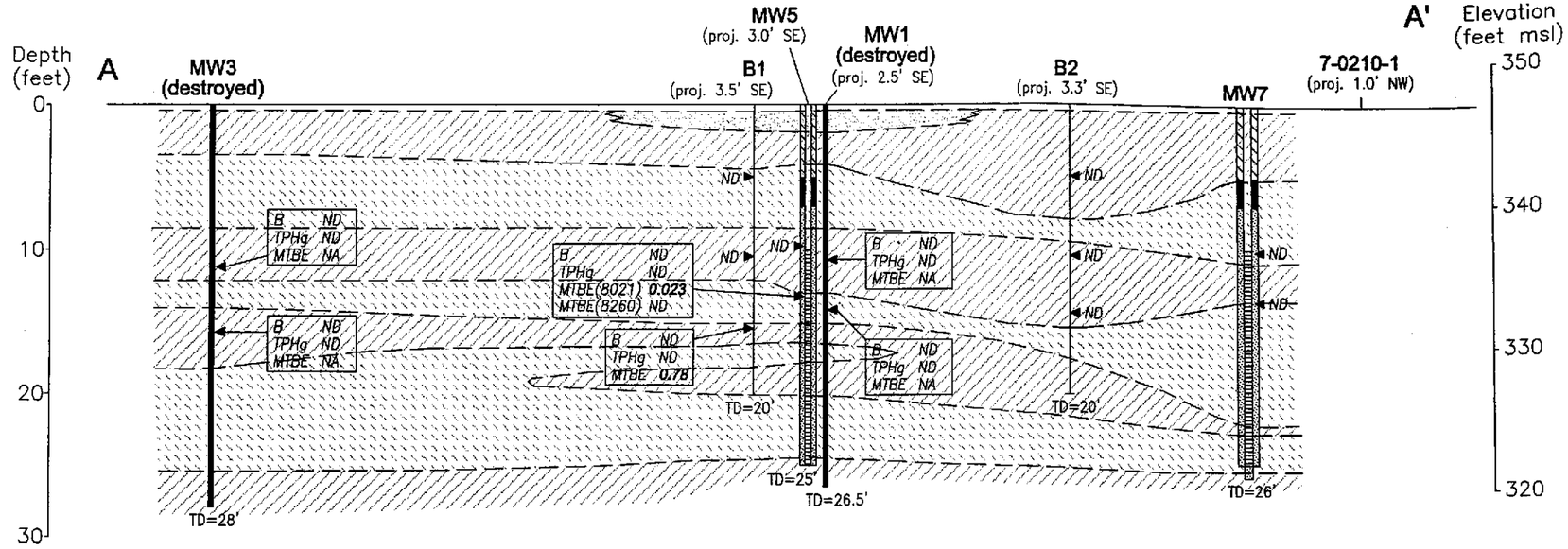
FILENAME SITE0101.DWG 02/12/01

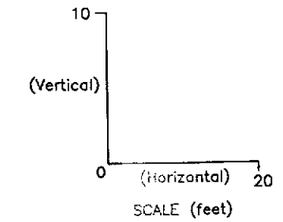
ETIC Engineering, Inc.

SITE PLAN SHOWING GROUNDWATER ELEVATIONS, ANALYTICAL RESULTS, AND GEOLOGIC CROSS-SECTION LINES, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA. 17 NOVEMBER 2000

FIGURE: 2

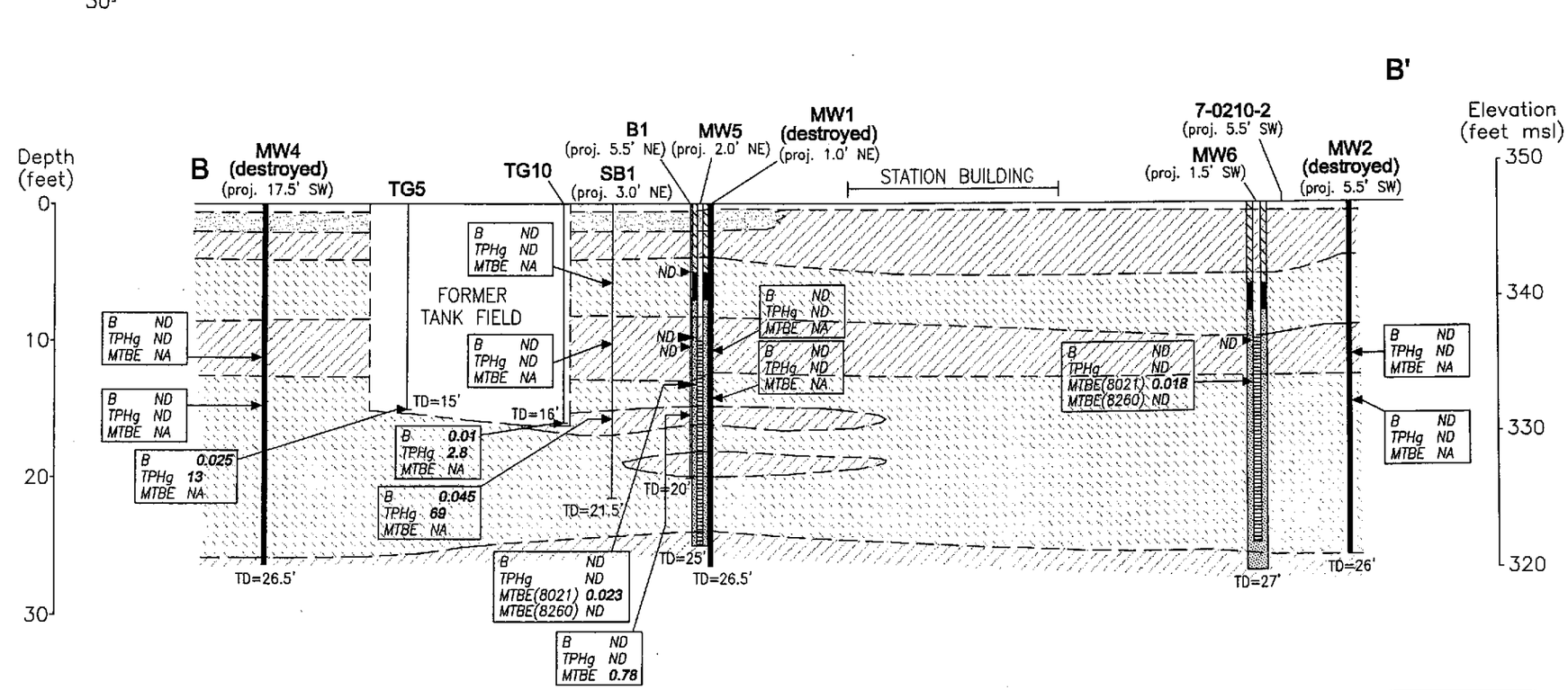
ATTACHMENT 8

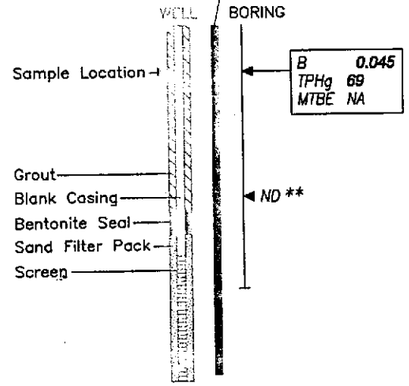




LEGEND:

- Fill
- Silt and Clay
- Sand and Gravels





B	*Benzene*
TPHg	*Total Petroleum Hydrocarbons as Gasoline*
MTBE	*Methyl t-butyl ether*
NA	*Not Analyzed*
ND	*Not Detected*
TD	*Total Depth*
msl	*mean sea level*

** *Concentrations of B, TPHg, and MTBE below laboratory reporting limits.*

FILENAME: SECTIONS.DWG 02/16/01

ETIC Engineering, Inc.

CROSS-SECTIONS A-A' and B-B'
FORMER EXXON RS 7-0210
7840 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA

FIGURE: 3