

ExxonMobil
Refining & Supply Company
Global Remediation

Gene N. Ortega
Territory Manager
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ExxonMobil
Refining & Supply

May 13, 2002

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

MAY 16 2002

RE: Former Exxon RAS #7-3567/3192 Santa Rita Road, Pleasanton, California.

Dear Mr. Seery:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring and Sampling Report, First Quarter 2002*, dated May 2, 2002, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and presents the results of groundwater monitoring and sampling activities at the subject site.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,



Gene N. Ortega
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring and Sampling Report, First Quarter 2002, dated May 2, 2002.

cc: w/ attachment
Mr. Eddy So, California Regional Water Quality Control Board, San Francisco Bay Region
Mr. Joseph A. Aldridge, Valero Energy Corporation

w/o attachment
Mr. Scott R. Graham, Environmental Resolutions, Inc.



ENVIRONMENTAL RESOLUTIONS, INC.

May 2, 2002
ERI 243113.R12

MAY 16 2002

Mr. Gene N. Ortega
ExxonMobil Oil Corporation
2300 Clayton Road, Suite 1250
Concord, California 94520

Subject: Quarterly Groundwater Monitoring Report, First Quarter 2002, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California.

Mr. Rouse:

At the request of ExxonMobil Oil Corporation (formerly Exxon Company, U.S.A.) (ExxonMobil), Environmental Resolutions, Inc. (ERI) is reporting the groundwater monitoring and sampling results for the first quarter 2002 event at the subject site. The purpose of quarterly monitoring is to evaluate hydrocarbon concentrations in groundwater and groundwater flow direction and gradient. The location of the site is shown on the Site Vicinity Map (Plate 1). The configuration of the site and the locations of select site features are shown on the Generalized Site Plan (Plate 2).

GROUNDWATER MONITORING AND SAMPLING

On January 28, 2002, ERI measured depth to water (DTW) and collected groundwater samples from select monitoring wells for laboratory analysis. Work was performed in accordance with ERI's groundwater sampling protocol provided in Attachment A. Field data sheets are presented in Attachment B.

The calculated hydraulic gradient and groundwater flow direction for the lower water-bearing zone and upper water-bearing zone are presented on Plate 3 and Plate 4, respectively. Historical and recent monitoring data are summarized in Table 1.

In November 2001, Morrow Surveying (Morrow) of West Sacramento, California, surveyed the monitoring wells in compliance with AB 2886 requirements. The wells were surveyed for the location relative to permanent datum and elevation of top of casing and well box relative to mean sea level (msl). Table 1 has been updated with the survey results.

Laboratory Analyses And Results

ERI submitted groundwater samples to Test America Incorporated (Test America), a California state-certified laboratory, under Chain of Custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX); methyl tertiary butyl ether (MTBE); total petroleum hydrocarbons as diesel (TPHd); and total petroleum hydrocarbons as gasoline (TPHg) using the methods listed in the notes in Table 1. The laboratory analysis report and Chain-of-Custody record are

attached (Attachment B). Cumulative results of laboratory analyses of groundwater samples are summarized in Table 1. Analytical results of recent groundwater samples are presented on Plate 2.

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

DOCUMENT DISTRIBUTION

ERI recommends forwarding signed copies of this report to:

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Mr. Eddy So
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Mr. Joseph A. Aldridge
Valero Energy Corporation
685 West Third Street
Hanford, California 93230

Please call Mr Scott R. Graham, ERI'S assistant project manager for this site, (415) 382-5989 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.



Jennifer L. Clark
Staff Scientist



John B. Bobbitt
R.G. 4313



- Attachments: Table 1: Cumulative Groundwater Monitoring and Sampling Data
- Plate 1: Site Vicinity Map
- Plate 2: Generalized Site Plan
- Plate 3: Lower Water-Bearing Zone Map
- Plate 4: Upper Water-Bearing Zone Map

- Attachment A: Groundwater Sampling Protocol
- Attachment B: Laboratory Analysis Report and Chain of Custody Record

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California
(Page 1 of 4)

Well ID# (TOC)	Sampling Date	SUBJ <.....>	DTW feet.....>	Elev.	TPHd <.....>	TPHg	MTBE	B ug/L	T	E	X	VOCs	
(340.86)	11/17/98	NLPH	21.90	318.96	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	
	03/15/99	NLPH	21.15	319.71	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	
	06/25/99	NLPH	20.34	320.52	a	<50	<2.0	<0.5	<0.5	<0.5	<0.5	---	
	09/24/99	NLPH	20.42	320.44	<50	<50	24.6	<0.5	<0.5	<0.5	<0.5	---	
	12/22/99	NLPH	21.11	319.75	<61	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
	03/07/00	NLPH	14.12	326.74	57	<50	220	<0.5	<0.5	<0.5	<0.5	---	
	06/06/00	NLPH	17.79	323.07	<50	<50	5.4	<0.5	<0.5	<0.5	<0.5	---	
	06/16/00	Property transferred to Valero Refining Company.											
	07/31/00	NLPH	19.02	321.84	<50	<50	51/38d	<0.5	<0.5	<0.5	<0.5	ND**	
	10/10/00	NLPH	18.56	322.30	<50	<50	63	<0.5	<0.5	<0.5	<0.5	---	
(340.86)	01/11/01	NLPH	21.43	319.43	<50	<50	110/98d	<0.5	<0.5	<0.5	<0.5	---	
	04/11/01	NLPH	19.83	321.03	960e	<50	29/33d	<0.5	<0.5	<0.5	<0.5	---	
	07/20/01	NLPH	20.50	320.36	<50	<50	27/20d	<0.5	<0.5	<0.5	<0.5	---	
	10/19/01	NLPH	19.48	321.38	<50	<50	390/420d	<0.5	<0.5	<0.5	<0.5	---	
	Nov-2001	Well surveyed in compliance with AB 2886 requirements.											
	01/28/02	NLPH	19.72	321.14	<100	178	196	<0.50	<0.50	<0.50	<0.50	---	
	(340.61)	11/17/98	NLPH	20.42	320.19	91	<50	17/23d	1.5	<0.5	0.98	2.6	---
		03/15/99	NLPH	28.35	312.26	90	<50	12/12.5d	0.73	1.1	2.4	2.2	---
		06/25/99	NLPH	25.20	315.41	a	<50	<2.0	<0.5	<0.5	<0.5	<0.5	---
		09/24/99	NLPH	23.93	316.68	<50	<50	3.06	<0.5	<0.5	<0.5	<0.5	---
12/22/99		NLPH	23.39	317.22	<56	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
03/07/00		NLPH	17.08	323.53	52	<50	<2	<0.5	0.80	<0.5	<0.5	---	
06/06/00		NLPH	21.01	319.60	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
06/16/00		Property transferred to Valero Refining Company.											
07/31/00		NLPH	22.08	318.53	<50	<50	6.8/ <5d	<0.5	<0.5	<0.5	<0.5	ND**	
10/10/00		NLPH	22.35	318.26	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
(340.16)	01/11/01	NLPH	23.74	316.87	<50	<50	<2	0.54	<0.5	<0.5	<0.5	---	
	04/11/01	NLPH	22.34	318.27	760e	<50	<2	<0.5	1.4	<0.5	<0.5	---	
	07/20/01	NLPH	23.74	316.87	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
	10/19/01	NLPH	22.68	317.93	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---	
	Nov-2001	Well surveyed in compliance with AB 2886 requirements.											
	01/28/02	NLPH	20.79	319.37	<50.0	<50.0	0.70	<0.50	<0.50	<0.50	<0.50	---	
	(342.95)	11/17/98	NLPH	36.58	306.37	120	<50	180/220d	<0.5	<0.5	<0.5	<0.5	---
		03/15/99	NLPH	40.01	302.94	180	<50	290/314d	<0.5	<0.5	<0.5	<0.5	---
		06/25/99	NLPH	46.83	296.12	a	<50	107/113d	<0.5	<0.5	<0.5	<0.5	---

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California
(Page 3 of 4)

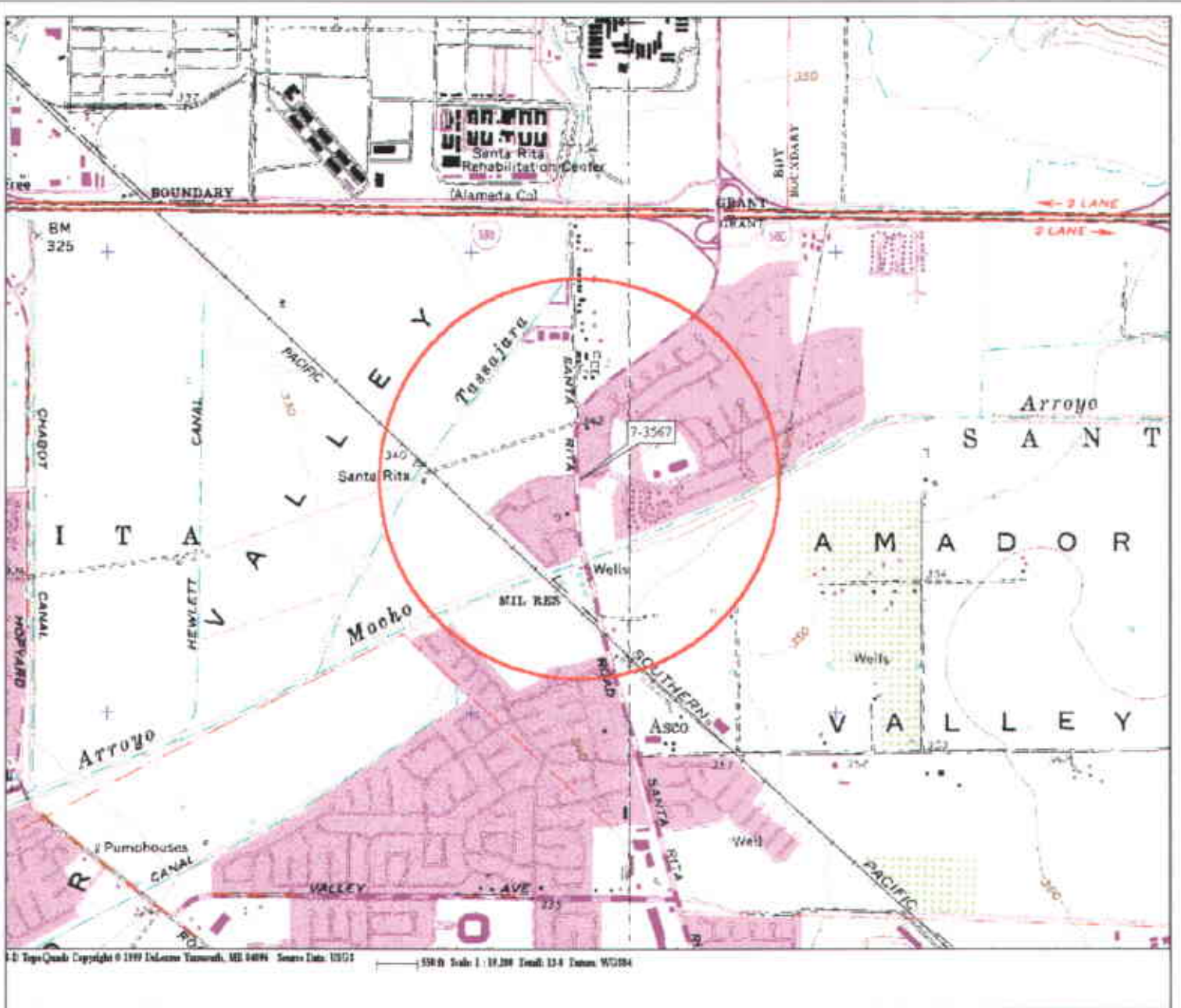
Well ID# (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev.	TPHd	TPHg	MTHE	B	T	E	X	VOCs
ug/L												
MW5 (cont.) (342.87)	10/19/01	NLPH	27.62	315.25	86	<50	3.4/5d	<0.5	<0.5	<0.5	<0.5	--
	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	28.04	314.83	<100	<50.0	5.90	<0.50	<0.50	<0.50	<0.50	--
MW6 (341.05)	06/16/00	Property transferred to Valero Refining Company.										
	07/31/00	NLPH	39.72	301.33	<50	<50	<2/<5	<0.5	<0.5	<0.5	<0.5	ND**
	10/10/00	NLPH	40.12	300.93	<50	c	c	c	c	c	c	c
	01/11/01	NLPH	46.13	294.92	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	--
	04/11/01	NLPH	45.40	295.65	b	b	b	b	b	b	b	--
	07/20/01	NLPH	41.75	299.30	<50	<50	<5	<0.3	<0.3	<0.6	<0.6	--
	10/19/01	NLPH	44.10	296.95	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	--
(341.05)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	39.57	301.48	<100	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW7 (341.73)	06/16/00	Property transferred to Valero Refining Company.										
	07/31/00	NLPH	24.22	317.51	150	<50	13/8d	<0.5	<0.5	<0.5	<0.5	ND**
	10/10/00	NLPH	24.09	317.64	1,500	c	c	c	c	c	c	c
	01/11/01	NLPH	25.86	315.87	330	<50	6.9/7d	0.55	<0.5	<0.5	<0.5	--
	04/11/01	NLPH	24.28	317.45	980e	<250	<10	<2.5	<2.5	<2.5	<2.5	--
	07/20/01	NLPH	25.52	316.21	300	<50	8.2/6d	<0.5	<0.5	<0.5	<0.5	--
	10/19/01	NLPH	24.99	316.74	120	<50	4.9/<5d	<0.5	<0.5	<0.5	<0.5	--
(341.73)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	23.84	317.89	<100	<50.0	8.50	<0.50	<0.50	<0.50	<0.50	--
MW8 (341.44)	06/16/00	Property transferred to Valero Refining Company.										
	07/20/01	--	--	dry	dry	b	b	b	b	b	b	
MW8 (341.44)	10/19/01	--	--	dry	dry	b	b	b	b	b	b	
	01/28/02	--	--	dry	dry	b	b	b	b	b	b	
W-52-7-3567SB1	04/13/00	--	--	--	b	68	56	<0.5	<0.5	<0.5	<0.5	--
W-52-7-3567SB3	04/13/00	--	--	--	190	<50	290	<0.5	<0.5	<0.5	<0.5	--

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3567
 3192 Santa Rita Road
 Pleasanton, California
 (Page 4 of 4)

Notes:

W-52-7-3567SB1	=	Water sample collected at 40 feet below ground surface at Exxon site 7-3567 from soil boring 1.	
TOC	=	Elevation of top of well casing; in feet above mean sea level.	
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.	
DTW	=	Depth to water.	
Elev.	=	Elevation of groundwater in feet above mean sea level.	
NLPH	=	No liquid-phase hydrocarbons present in well.	
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015.	
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 5030/8015 (modified).	
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.	
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.	
VOCs	=	Volatile organic compounds analyzed using EPA Method 8260B.	
ug/L	=	Micrograms per liter.	
a	=	No result because of sample loss during laboratory fire.	
b	=	Well contained an insufficient amount of water to collect a sample.	
c	=	Samples were damaged during transportation to laboratory.	
d	=	MTBE confirmed using EPA Method 8260.	
e	=	Diesel-range hydrocarbons detected in bailer blank; result is suspect.	
f	=	Well inaccessible.	
<	=	Not detected at or above the stated laboratory method detection limit.	
ND	=	Not detected at or above the stated laboratory method detection limit for the following constituents: 1,2-Dibromoethane, 1,2-Dichloroethane, Nitropropane, Di-isopropyl ether, tertiary butyl alcohol, tertiary amyl methyl ether, tertiary butyl ethyl ether.	2-
---	=	Not analyzed/Not applicable.	



FN 2431Topo

EXPLANATION



1/2-mile radius circle



APPROXIMATE SCALE



SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads



SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-3567
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.

2431

PLATE

1

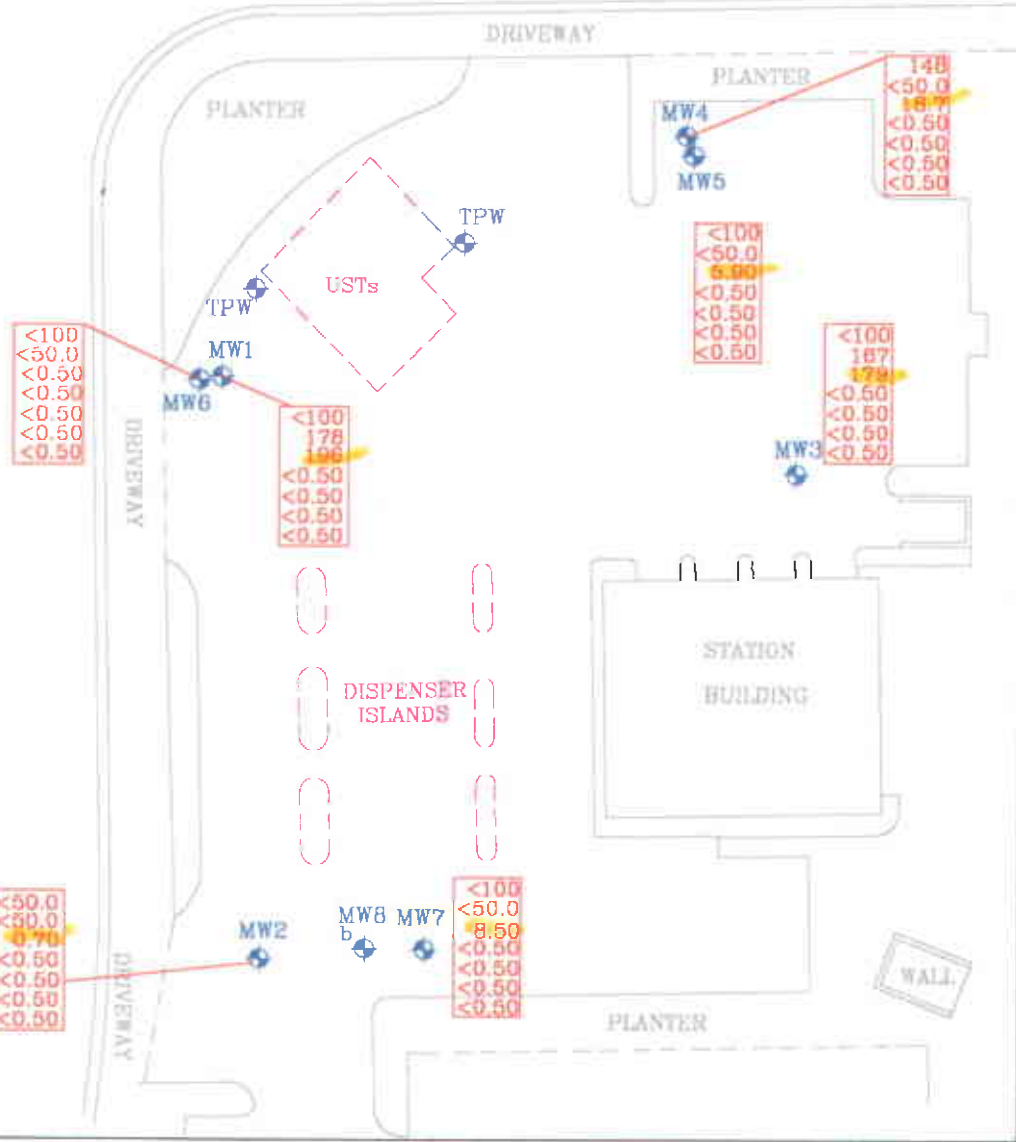
APPROXIMATE SCALE



LAS POSTAS BOULEVARD



SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- MW7 Groundwater Monitoring Well
- TPW Tank Pit Well

- Analyte Concentrations in ug/L
Sampled January 28, 2002
- 148 Total Petroleum Hydrocarbons as Diesel
 - <50.0 Total Petroleum Hydrocarbons as Gasoline
 - 18.70 Methyl Tertiary Butyl Ether
 - <0.50 Benzene
 - <0.50 Toluene
 - <0.50 Ethylbenzene
 - <0.50 Total Xylenes
 - < Less Than the Stated Laboratory Detection Limit
 - ug/L Micrograms per Liter
 - b Well Contained an Insufficient Amount of of Water to Collect a Sample.

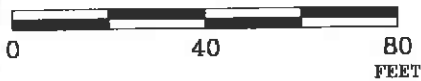


GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 7-3587
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.	2431
PLATE	2

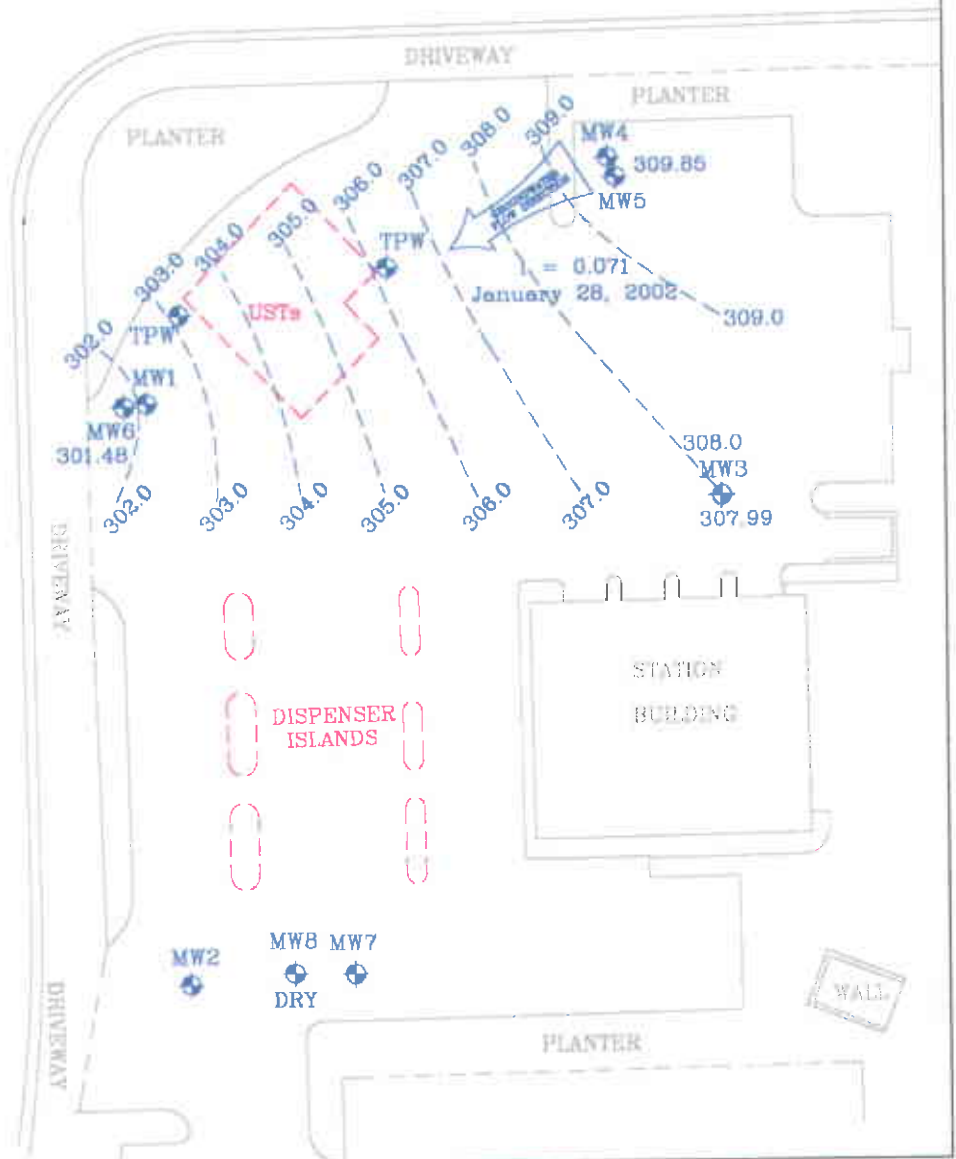
APPROXIMATE SCALE



LAS POSITAS BOULEVARD



SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- MW7
 Groundwater Monitoring Well
- 301.4B
 Groundwater elevation in feet;
datum is mean sea level
- TPW
 Tank Pit Well

i = Interpreted Hydraulic Gradient

309.5 --- = Line of Equal Groundwater Elevation;
datum is mean sea level



LOWER WATER-BEARING ZONE

January 28, 2002

FORMER EXXON SERVICE STATION 7-3567
3192 Santa Rita Road
Pleasanton, California

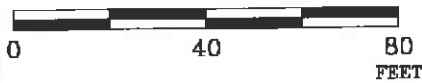
PROJECT NO.

2431

PLATE

3

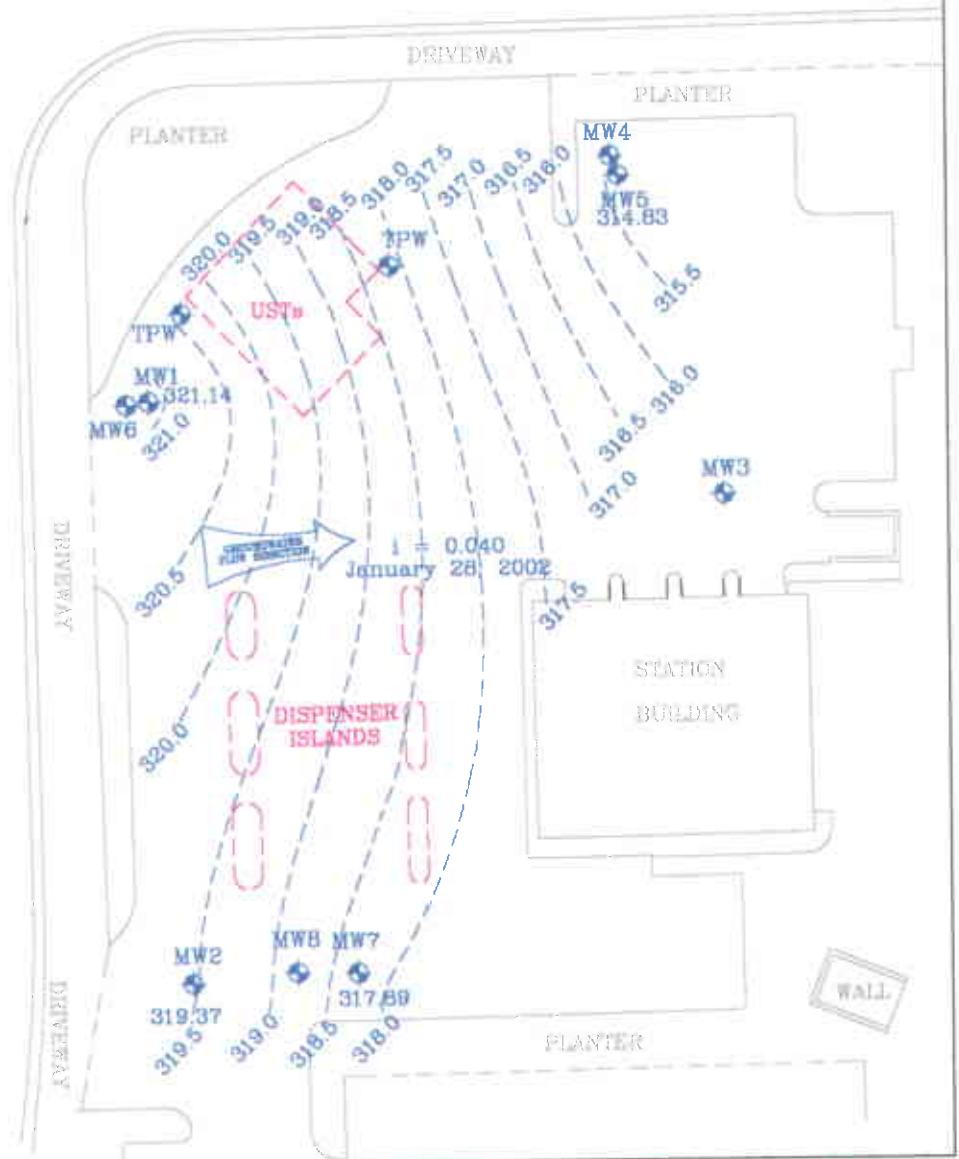
APPROXIMATE SCALE



LAS POSITAS BOULEVARD



SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- MW7 Groundwater Monitoring Well
- 321.14 Groundwater elevation in feet; datum is mean sea level
- TPW Tank Pit Well

- i = Interpreted Hydraulic Gradient
- 321.0 --- = Line of Equal Groundwater Elevation; datum is mean sea level



**UPPER WATER-BEARING ZONE
January 28, 2002**

FORMER EXXON SERVICE STATION 7-3587
3192 Santa Rita Road
Pleasanton, California

PROJECT NO.

2431

PLATE

4

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contains water and/or separate-phase product are measured with an ORS Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from top of casing elevations.

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® or polypropylene bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. If appropriate, free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is obtained. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples". The quantity of water purged from each well is calculated as follows:

1 well casing volume = $\pi r^2 h(7.48)$ where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
π	=	ratio of the circumference of a circle to its diameter

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

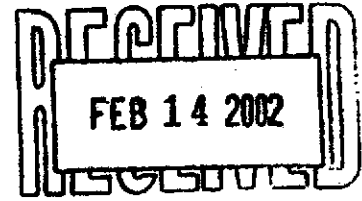
After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter (ml) glass vials, 1,000 ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the chain of custody form.

Each vial and glass amber bottle is sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain-of-Custody Record, to a California state-certified laboratory.

ATTACHMENT B

**LABORATORY ANALYSIS REPORT
AND CHAIN-OF-CUSTODY RECORD**



2/ 4/02

ERI - NORTHERN CA 3876
Scott Graham
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 2431 13X EXXON 7-3567. The Laboratory Project number is 269899. An executed copy of the chain of custody and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Page 1 Collection Date
TB	02-A14582	
MW2	02-A14583	1/28/02
MW6	02-A14584	1/28/02
MW5	02-A14585	1/28/02
MW7	02-A14586	1/28/02
MW4	02-A14587	1/28/02
MW3	02-A14588	1/28/02
MW1	02-A14589	1/28/02

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Paul E. Lane, Jr.

Report Date: 2/ 4/02

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director
Jennifer P. Flynn, Technical Services

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14582
 Sample ID: TB
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected:
 Time Collected:
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	14:56	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	14:56	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	14:56	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	14:56	D.Ramey	8021B	7654
Methyl-t-butylether	ND	ug/l	0.50	0.50	1	2/ 3/02	14:56	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	14:56	D.Ramey	8015M/5030	7654

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	98.	67. - 135.

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14583
 Sample ID: MW2
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 15:20
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:26	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:26	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:26	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	15:26	D.Ramey	8021B	7654
Methyl-t-butylether	0.70	ug/l	0.50	0.50	1	2/ 3/02	15:26	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	15:26	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	50.0	50.0	1	2/ 2/02	22:56	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	85.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	98.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14583
Sample ID: MW2
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14584
 Sample ID: MW6
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 15:40
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:57	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:57	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	15:57	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	15:57	D.Ramey	8021B	7654
Methyl-t-butylether	ND	ug/l	0.50	0.50	1	2/ 3/02	15:57	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	15:57	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	100.	100.	1	2/ 2/02	23:17	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	103.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	98.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14584
Sample ID: MW6
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14585
 Sample ID: MW5
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 16:00
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	16:27	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	16:27	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	16:27	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	16:27	D.Ramey	8021B	7654
Methyl-t-butylether	5.90	ug/l	0.50	0.50	1	2/ 3/02	16:27	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	16:27	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	100.	100.	1	2/ 3/02	18:49	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	89.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	98.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14585
Sample ID: MW5
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14586
 Sample ID: MW7
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 16:30
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	17:57	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	17:57	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	17:57	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	17:57	D.Ramey	8021B	7654
Methyl-t-butylether	8.50	ug/l	0.50	0.50	1	2/ 3/02	17:57	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	17:57	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	100.	100.	1	2/ 2/02	23:58	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	106.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	99.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14586
Sample ID: MW7
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14587
 Sample ID: MW4
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 16:45
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:27	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:27	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:27	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	18:27	D.Ramey	8021B	7654
Methyl-t-butylether	18.7	ug/l	0.50	0.50	1	2/ 3/02	18:27	D.Ramey	8021B	7654
TPH (Gasoline Range)	ND	ug/l	50.0	50.0	1	2/ 3/02	18:27	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	148.	ug/l	100.	100.	1	2/ 3/02	0:18	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	91.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	104.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14587
Sample ID: MW4
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14588
 Sample ID: MW3
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 17:00
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:57	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:57	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	18:57	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	18:57	D.Ramey	8021B	7654
Methyl-t-butylether	179.	ug/l	0.50	0.50	1	2/ 3/02	18:57	D.Ramey	8021B	7654
TPH (Gasoline Range)	167.	ug/l	50.0	50.0	1	2/ 3/02	18:57	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	100.	100.	1	2/ 3/02	0:59	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	105.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	99.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14588
Sample ID: MW3
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
 Scott Graham
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 02-A14589
 Sample ID: MW1
 Sample Type: Water
 Site ID: 7-3567

Project: 2431 13X
 Project Name: EXXON 7-3567
 Sampler: STEVE BURKE

Date Collected: 1/28/02
 Time Collected: 17:15
 Date Received: 1/30/02
 Time Received: 9:00
 Page: 1

Analyte	Result	Units	Report	Quan	Dil	Analysis		Analyst	Method	Batch
			Limit	Limit	Factor	Date	Time			
ORGANIC PARAMETERS										
Benzene	ND	ug/l	0.50	0.50	1	2/ 3/02	19:28	D.Ramey	8021B	7654
Ethylbenzene	ND	ug/l	0.50	0.50	1	2/ 3/02	19:28	D.Ramey	8021B	7654
Toluene	ND	ug/l	0.50	0.50	1	2/ 3/02	19:28	D.Ramey	8021B	7654
Xylenes (Total)	ND	ug/l	0.50	0.50	1	2/ 3/02	19:28	D.Ramey	8021B	7654
Methyl-t-butylether	196.	ug/l	0.50	0.50	1	2/ 3/02	19:28	D.Ramey	8021B	7654
TPH (Gasoline Range)	178.	ug/l	50.0	50.0	1	2/ 3/02	19:28	D.Ramey	8015M/5030	7654
TPH (Diesel Range)	ND	ug/l	100.	100.	1	2/ 3/02	1:19	K.Phelps	8015B/3510	8699

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	2/ 1/02		D.Yeager	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	92.	50. - 150.
BTEX/GRO Surr., a,a,a-TFT	98.	67. - 135.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 02-A14589
Sample ID: MW1
Project: 2431 13X
Page 2

LABORATORY COMMENTS:

ND - Not detected at the report limit.

- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

PROJECT QUALITY CONTROL DATA
 Project Number: 2431 13X
 Page: 1

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.00050	0.04880	0.05000	98	82. - 125.	7654	BLANK
Toluene	mg/l	< 0.00050	0.04900	0.05000	98	77. - 121.	7654	BLANK
Ethylbenzene	mg/l	< 0.00050	0.04940	0.05000	99	76. - 128.	7654	BLANK
Xylenes (Total)	mg/l	< 0.00050	0.09930	0.1000	99	79. - 125.	7654	BLANK
Methyl-t-butylether	mg/l	< 0.00050	0.04680	0.05000	94	71. - 128.	7654	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	1.02	1.00	102	72. - 126.	7654	BLANK
TPH (Diesel Range)	mg/l	< 0.100	0.920	1.00	92	41. - 121.	8699	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				95	67. - 135.	7654	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.04880	0.04860	0.41	13.	7654
Toluene	mg/l	0.04900	0.04890	0.20	13.	7654
Ethylbenzene	mg/l	0.04940	0.04930	0.20	13.	7654
Xylenes (Total)	mg/l	0.09930	0.09930	0.00	13.	7654
Methyl-t-butylether	mg/l	0.04680	0.04640	0.86	12.	7654
TPH (Gasoline Range)	mg/l	1.02	0.934	8.80	20.	7654
TPH (Diesel Range)	mg/l	0.920	0.826	10.77	46.	8699
BTEX/GRO Surr., a,a,a-TFT	% Recovery		95.			7654

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.1000	0.09670	97	82 - 122	7654

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
 Project Number: 2431 13X
 Page: 2

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Toluene	mg/l	0.1000	0.09740	97	77 - 119	7654
Ethylbenzene	mg/l	0.1000	0.09800	98	76 - 125	7654
Xylenes (Total)	mg/l	0.2000	0.1972	99	73 - 123	7654
Methyl-t-butylether	mg/l	0.1000	0.09010	90	71 - 126	7654
TPH (Gasoline Range)	mg/l	1.00	1.02	102	75 - 126	7654
TPH (Diesel Range)	mg/l	1.00	0.849	85	46 - 118	8699
BTEX/GRO Surr., a,a,a-TFT	% Recovery			91	67 - 135	7654

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.00050	mg/l	7654	2/ 3/02	7:25
Toluene	< 0.00050	mg/l	7654	2/ 3/02	7:25
Ethylbenzene	< 0.00050	mg/l	7654	2/ 3/02	7:25
Xylenes (Total)	< 0.00050	mg/l	7654	2/ 3/02	7:25
Methyl-t-butylether	< 0.00050	mg/l	7654	2/ 3/02	7:25
TPH (Gasoline Range)	< 0.0500	mg/l	7654	2/ 3/02	7:25
TPH (Diesel Range)	< 0.100	mg/l	8699	2/ 2/02	21:34

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	98.	% Recovery	7654	2/ 3/02	7:25

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 2431 13X

Page: 3

- Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 269899

TEST AMERICA, INC.-NASHVILLE
COOLER RECEIPT FORM

Client: ERT BCH 269899

Cooler Received On: 1-30-02 And Opened On: 1-30-02 By: Mike McBride

Mike McBride
(Signature)

1. Temperature of Cooler when opened 3.5 Degrees Celsius
2. Were custody seals on outside of cooler and intact?..... YES NO
 - a. If yes, what kind and where: (1) FRONT/BACK/SIDE
 - b. Were the signature and date correct?..... YES NO
 - c. Were custody seals on containers and intact?..... YES NO
3. Were custody papers inside cooler?..... YES NO
4. Were custody papers properly filled out (ink, signed, etc)?..... YES NO
5. Did you sign the custody papers in the appropriate place?..... YES NO
6. What kind of packing material? BUBBLEWRAP PEANUTS VERMICULITE NONE
OTHER
7. Was sufficient ice used (if appropriate)?..... YES NO
8. Did all bottles arrive in good condition (unbroken)?..... YES NO
9. Were all bottle labels complete (#, date, signed, pres, etc)?..... YES NO
10. Did all bottle labels and tags agree with custody papers?..... YES NO
11. Were correct bottles used and present for the analysis requested?..... YES NO
12. Were VOA vials present?..... YES NO
 - a. If so were air bubbles present?..... YES NO
13. Was sufficient amount of sample sent in each bottle?..... YES NO
14. Were correct preservatives used?..... YES NO
15. Was residual chlorine present?..... NO YES
16. Corrective action taken, if necessary:
 - a. Name of person contacted: _____
 - b. Date: _____

269899

Test America

INCORPORATED

(615) 726-0177
Nashville Division
2960 Foster Creighton
Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 73 Digital Drive, Suite 100
City/State/Zip: Novato, California 94949
Project Manager: Scott Graham
Telephone Number: (415) 382-5989
ERI Job Number: 2431 13X
Sampler Name: (Print) Steve Burke
Sampler Signature: Steve Burke

ExxonMobil Engineer: Gene Ortega
Telephone Number: (975) 248-8747
Account #: 3876
PO #: —
Facility ID #: 7-3567
Global ID#: —
Site Address: 3192 Santa Anita Rd
City, State Zip: Pleasanton, CA

Shipping Method: Lab Courier Hand Deliver Commercial Express Other: _____

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day	PROVIDE: EDF Report FAX Results	Special Instructions: <u>Add silica gel cleanup to Diesel</u>	Matrix			Analyze For:												
			Water	Soil	Vapor	TPHd 8015	TPHg 8015	BTEX 8020	MTBE 8020	confirm mbe 8260	Oxygenates 8260	VOCs 8260						
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER												
TD					HCl	2 UBA	X			X	X	X	X					
MW 2	1/28/02	1520		X	HCl	3 UBA												ORA 14 582
MW 6		1540			NA	2 Amber												83
MW 5		1600				3 UBA												84
MW 7		1630				1 Amber												85
MW 4		1645				3 UBA												86
MW 3		1700				2 Amber												87
MW 1		1715																88
MW 8																		14 584

Relinquished by: <u>Steve Burke</u>	Date: <u>1/28/02</u>	Time: _____	Received by: <u>[Signature]</u>	Time: <u>1:3002/0902</u>
Relinquished by: _____	Date: _____	Time: _____	Received by TestAmerica: _____	Time: _____

Laboratory Comments:
 Temperature Upon Receipt: _____
 Sample Containers Intact? _____
 VOAs Free of Headspace? _____