ExxonMobil
Refining & Supply Company
Global Remediation
2300 Clayton Road, Suite 1250
Concord, CA. 94520
(925) 246-8747 Telephone
(925) 246-8798 Facsimile
gene.n.ortega@exxonmobil.com

Gene N. Ortega
Territory Manager
Global Remediation – U.S. Retail

ExxonMobil
Refining & Supply

April 8, 2003

Mr. Barney Chan
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-

lo 445

Alameda County
APR 10 2003
Environmental Health

Subject: Former Mobil Station 99-105, 6301 San Pablo Avenue, Oakland, California

Dear Mr. Chan:

Attached for your review and comment is a copy of the *First Quarter 2003 Groundwater Monitoring Report* for the above-referenced site. The report, prepared by TRC of Concord, California, details the results of the January 20, 2003 sampling event.

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

Sincerely,

Gene Ortega
Territory Manager

Attachment: First Quarter 2003 Groundwater Monitoring Report

cc: Mr. Chuck Headlee, Regional Water Quality Control Board, San Francisco Bay Region
Ms. Connie Lamb, Property Owner

TRC

Customer-Focused Solutions

April 8, 2003 Project No. 41-0123

Mr. Barney Chan
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6700

RE: FORMER MOBIL STATION 99-105
6301 SAN PABLO AVENUE
OAKLAND, CALIFORNIA

Dear Mr. Chan:

Please find enclosed the *First Quarter 2003 Groundwater Monitoring Report* for the subject location prepared by TRC for ExxonMobil Oil Company. The contents of this report include:

Quarterly Groundwater Monitoring Report Summary Sheet
Exhibit 1: Sampling Schedule
Exhibit 2: Summary of Groundwater Levels and Chemical Analysis
Exhibit 3: Figures 1 through 3 (Vicinity Map, Groundwater Elevations, Dissolved-Phase Hydrocarbon Concentrations)
Exhibit 4: Well Purging and Groundwater Sampling Protocol
Exhibit 5: Monitoring Well Sampling Forms
Exhibit 6: Analytical Laboratory Data Sheets
Exhibit 7: Waste Disposal Manifest

If you have any questions regarding this report, please call me at (925) 688-2473. You may also call Mr. Gene Ortega, ExxonMobil Territory Manager, at (925) 246-8747.

Sincerely,

Jonathan Scheiner

Jonathan Scheiner
Associate

cc: Mr. Gene Ortega, ExxonMobil Refining and Supply Company, Global Remediation—U.S. Retail Projects
Mr. Chuck Headlee, Regional Water Quality Control Board, San Francisco Bay Region
Ms. Connie Lamb, Property Owner

5052 Commercial Circle • Concord, California 94520-1248
Telephone 925-688-1200 • Fax 925-688-0388

ALTON GEOSCIENCE

Quarterly Groundwater Monitoring Report Summary Sheet
First Quarter 2003

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

Alameda County Health Services

Number of water zones:	1	This Page	1
FIELD ACTIVITY:		Date Sampled:	20-Jan-03
Number of groundwater wells on-site:	3	Groundwater wells monitored:	3
Number of groundwater wells off-site:	0	Groundwater wells sampled:	3
		Groundwater wells with free product:	0
Phase of Investigation: Vadose Zone:	N/A	Groundwater phase:	Monitor & Sample

SITE HYDROGEOLOGY:

Approximate depth to ground water below ground surface:		7.01 ft
Approximate elevation of potentiometric surface above Mean Sea Level:		34.75 ft
Average Increase/Decrease in ground water elevations since last sampling episode:	Increase:	3.42 ft
Approximate flow direction and hydraulic gradient:	Southwest at:	0.18 ft/ft

GROUND WATER CONTAMINATION (BENZENE MCL=1.0 ppb):

Wells containing free product:	0	Range in Thickness of Free Product:	NA ft
Number of wells with concentrations below MCL:	1	Volume of Free Product Recovered This Period:	0 gals
Number of wells with concentrations at or above MCL:	2	Volume of Free Product Recovered To Date:	2.65 gals
		Range in Concentrations:	Benzene: ND<0.5 to 421 ppb
Nature of contamination:	Gasoline		TPH-G: ND<50 to 7,660 ppb

ADDITIONAL INFORMATION:
Purged water was transferred to McKittrick Waste Water Treatment Facility

Prepared by: Chris Brown — Chris Brown, Staff Scientist

Approved by: Tracy L. Walker — Tracy L. Walker, RG, California RG #6808, Associate

Alton Project No: 41-0123

REGISTERED GEOLOGIST
TRACY L. WALKER
No. 6808
Exp. 9/31/03
STATE OF CALIFORNIA

TRC
Customer-Focused Solutions/03

EXHIBIT 1

SAMPLING SCHEDULE

MONITORING WELL SAMPLING SCHEDULE 2003
Former Mobil Station 99-105

Well Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
MW-2	X	X	X	X
MW-3	X	X	X	X
MW-5	X	X	X	X

NOTES: X = well scheduled for sampling

EXHIBIT 2

SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	Lead (ppb)	Dissolved Oxygen (mg/L)
TW-1	01/04/96	—	6.00	—	0.00	ND	700	ND	ND	ND	ND	—	—	—	—	—
WW-1	01/04/96	—	3.00	—	0.00	ND	—	ND	ND	ND	ND	—	—	ND	—	—
MW-1	03/14/96	32.79	4.50	28.29	0.00	610	450	0.75	0.54	1.5	59	—	—	—	ND	—
MW-1	05/21/96	32.79	5.64	27.15	0.00	ND	ND	ND	ND	ND	ND	—	—	—	—	—
MW-1	08/13/96	32.79	9.76	23.03	0.00	ND	ND	ND	ND	ND	ND	—	—	—	—	—
MW-1	11/08/96	32.79	10.24	22.55	0.00	ND	ND	ND	0.92	ND	2.1	ND	—	—	—	—
MW-1	01/31/97	32.79	3.83	28.96	0.00	ND	ND	ND	0.85	ND	ND	2.6	ND	—	—	—
MW-1	04/22/97	32.79	9.14	23.65	0.00	ND	ND	ND	ND	ND	ND	ND	—	—	—	—
MW-1†	07/29/97	32.79	10.18	22.61	0.00	ND	60****	0.84	0.95	ND	1.6	36	—	—	—	—
MW-1†	10/09/97	32.79	10.46	22.33	0.00	ND	56****	ND	ND	ND	ND	ND	—	—	—	—
MW-1†	01/23/98	32.79	3.95	28.84	0.00	ND	33	ND	ND	ND	ND	ND	—	—	—	—
MW-1	04/22/98	32.79	5.33	27.46	0.00	ND	ND	ND	ND	ND	ND	ND	—	—	—	1.25
MW-1	07/21/98	32.79	9.17	23.62	0.00	ND	—	ND	ND	ND	ND	ND	—	—	—	4.34
MW-1	10/20/98	32.79	10.41	22.38	0.00	ND	—	ND	ND	ND	ND	ND	—	—	—	2.49
MW-1	01/27/99	32.79	5.51	27.28	0.00	ND	—	ND	ND	ND	ND	ND	—	—	—	5.25
MW-1	Destroyed during construction activities in April 1999															
MW-2	03/14/96	32.80	4.51	28.29	0.00	560	250	2.0	0.96	4.3	11	—	—	—	ND	—
MW-2	05/21/96	32.80	5.65	27.15	0.00	730	560	5.1	1.4	6.7	5.9	—	—	—	—	—
MW-2	08/13/96	32.80	10.14	22.66	0.00	490	380*	25	3.5	7.2	13	—	—	—	—	—
MW-2	11/08/96	32.80	10.70	22.10	0.00	520	160***	80	2.7	14	66	6.1	—	—	—	—
MW-2	01/31/97	32.80	3.84	28.96	0.00	74	130*	ND	ND	ND	ND	ND	—	—	—	—
MW-2	04/22/97	32.80	9.61	23.19	0.00	260	430	2.7	ND	2.5	ND	ND	—	—	—	—
MW-2†	07/29/97	32.80	10.53	22.27	0.00	320	150***	28	1.2	10	ND	ND	—	—	—	—
MW-2†	10/09/97	32.80	10.87	21.93	0.00	460	160*	43	2.8	2.0	2.6	2.6	—	—	—	—
MW-2†	01/23/98	32.80	3.75	29.05	0.00	ND	54	ND	ND	ND	ND	ND	—	—	—	—
MW-2	04/22/98	32.80	5.36	27.44	0.00	180	540	1.2	0.3	0.4	ND	ND	—	—	—	0.85
MW-2	07/21/98	32.80	9.55	23.25	0.00	80	—	8.9	2.1	0.6	2.5	ND	—	—	—	1.04
MW-2	10/20/98	32.80	10.75	22.05	0.00	50	—	0.8	0.7	ND	0.8	ND	—	—	—	1.12
MW-2	01/27/99	32.80	5.53	27.27	0.00	ND	—	0.6	ND	ND	ND	ND	—	—	—	0.99
MW-2	07/27/99	32.80	6.20	26.60	0.00	ND	—	ND	0.6	ND	ND	ND	—	—	—	0.30
MW-2	12/08/99	32.80	9.98	22.82	0.00	ND	—	1.2	0.43	ND	ND	ND	—	—	—	1.83
MW-2	Sep-00	39.34	Well resurveyed after repair by Alisto Engineering													
MW-2	10/25/00	39.34	11.30	28.04	0.00	<20	—	2.0	0.59	0.46	1.3	<0.30	—	—	—	0.35
MW-2	01/15/01	39.34	9.41	29.93	0.00	<20	—	<0.20	0.46	<0.20	<0.60	<0.30	—	—	—	—
MW-2	04/10/01	39.34	6.16	33.18	0.00	23	—	0.28	<0.20	<0.20	<0.60	<1.0	—	—	—	1.72
MW-2	07/24/01	39.34	10.70	28.64	0.00	<50	—	<0.20	0.93	<0.20	0.82	<0.30	—	—	—	3.39
MW-2	11/27/01	39.34	10.15	29.19	0.00	<50	—	1.2	0.22	<0.20	<0.60	<0.30	—	—	—	—
MW-2	11/27/01	41.99	Well resurveyed													
MW-2	01/18/02	41.99	5.46	36.53	0.00	<50.0	—	<0.50	<0.50	<0.50	<0.50	1.40	—	—	—	—
MW-2	04/10/02	41.99	6.48	35.51	0.00	<50.0	—	<0.50	<0.50	<0.50	<0.50	1.80	—	—	—	—
MW-2	07/12/02	41.99	10.45	31.54	0.00	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50	—	—	—	—
MW-2	10/14/02	41.99	11.46	30.53	0.00	<50.0	—	<0.5	4.1	0.6	4.0	<0.5	—	—	—	—
MW-2	01/20/03	41.99	5.39	36.60	0.00	<50.0	—	<0.50	<0.50	<0.50	<0.50	0.6	—	—	—	—

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	Lead (ppb)	Dissolved Oxygen (mg/L)
MW-3	03/14/96	32.80	9.55	23.25	0.00	4,200	1,200	220	30	140	520	—	—	ND	ND	—
MW-3	05/21/96	32.80	10.16	22.64	0.00	8,500	2,800	710	110	440	1,700	—	—	—	—	—
MW-3	08/13/96	32.80	11.18	21.62	0.00	5,000	2,300**	430	ND	200	360	—	—	—	—	—
MW-3	11/08/96	32.80	11.51	21.29	0.00	8,400	2,900*	890	82	790	1,700	73	ND	—	—	—
MW-3	01/31/97	32.80	7.90	24.90	0.00	16,000	7,500*	660	85	960	1,800	ND	—	—	—	—
MW-3	04/22/97	32.80	10.64	22.16	0.00	8,000	2,700	340	33	400	490	200	ND	—	—	—
MW-3†	07/29/97	32.80	11.36	21.44	0.00	9,800	2,300*	330	ND	530	530	ND	—	—	—	—
MW-3†	10/09/97	32.80	11.52	21.28	0.00	7,300	2,600*	300	ND	430	460	270	ND	—	—	—
MW-3†	01/23/98	32.80	7.50	25.30	0.00	6,100	2,300	190	23	330	320	ND	—	—	—	—
MW-3	04/22/98	32.80	6.81	25.99	0.00	4,900	2,600	140	12	250	230	ND	ND	—	—	0.45
MW-3	07/21/98	32.80	10.65	22.15	0.00	7,400	—	250	16	400	370	74	ND	—	—	0.78
MW-3	10/20/98	32.80	11.57	21.23	0.00	6,700	—	200	18	350	350	ND	ND	—	—	0.69
MW-3	01/27/99	32.80	9.11	23.69	0.00	3,100	—	74	4	94	39	13	—	—	—	1.20
MW-3	07/27/99	32.80	7.27	25.53	0.00	8,900	—	170	21	360	440	ND	—	—	—	0.33
MW-3	12/08/99	32.80	10.63	22.17	0.00	4,800	—	94	13	170	210	ND	—	—	—	1.12
MW-3	Sep-00	39.27	Well resurveyed after repair by Alisto Engineering													
MW-3	10/25/00	39.27	12.08	27.19	0.00	3,800	—	63	2.9	100	65	<50	<5	—	—	0.96
MW-3	01/15/01	39.27	10.29	28.98	0.00	4,300	—	76	9.5	47	76	<5.0	—	—	—	0.60
MW-3	04/10/01	39.27	10.11	29.16	0.00	2,700	—	55	4.4	100	37	<20	—	—	—	1.63
MW-3	07/24/01	39.27	11.57	27.70	0.00	3,100	—	110	6.9	110	81	<1.0	—	—	—	4.25
MW-3	11/27/01	39.27	10.93	28.34	0.00	2,400	—	47	8.9	25	35	<0.30	—	—	—	—
MW-3	11/27/01	41.71	Well resurveyed													
MW-3	01/18/02	41.71	9.47	32.24	0.00	1,130	—	15.3	2.30	42.0	24.6	13.6	—	—	—	—
MW-3	04/10/02	41.71	10.14	31.57	0.00	916	—	35.1	3.00	22.5	13.8	11.2	—	—	—	—
MW-3	07/12/02	41.71	11.34	30.37	0.00	2,330	—	60.5	2.90	39.8	50.9	15.4	—	—	—	—
MW-3	10/14/02	41.71	12.10	29.61	0.00	2,550	—	36.9	3.8	20.3	48.0	<0.5	—	—	—	—
MW-3	01/20/03	41.71	9.20	32.51	0.00	1,750	—	20.4	304.0	60.7	22.0	10.7	—	—	—	—
MW-4	03/14/96	31.50	4.92	26.58	0.00	12,000	3,500	2,200	140	880	2,000	—	—	—	ND	—
MW-4	05/21/96	31.50	8.60	22.90	0.00	11,000	4,200	1,700	ND	930	470	—	—	—	—	—
MW-4	08/13/96	31.50	10.02	21.50	0.02	—	—	—	—	—	—	—	—	—	—	—
MW-4	11/08/96	31.50	10.28	21.33	0.15	—	—	—	—	—	—	—	—	—	—	—
MW-4	01/31/97	31.50	7.88	23.62	0.00	23,000	8,200*	980	68	1,100	1,400	ND	—	—	—	—
MW-4	04/22/97	31.50	7.40	24.10	0.00	8,800	4,500	950	ND	610	130	ND	—	—	—	—
MW-4	07/29/97	31.50	9.85	21.74	0.12	—	—	—	—	—	—	—	—	—	—	—
MW-4	10/09/97	31.50	10.35	21.38	0.30	—	—	—	—	—	—	—	—	—	—	—
MW-4	01/23/98	31.50	4.68	27.51	0.92	—	—	—	—	—	—	—	—	—	—	—
MW-4	04/22/98	31.50	6.39	25.22	0.14	—	—	—	—	—	—	—	—	—	—	—
MW-4	07/21/98	31.50	7.10	24.55	0.20	—	—	—	—	—	—	—	—	—	—	—
MW-4	10/20/98	31.50	9.03	22.60	0.17	—	—	—	—	—	—	—	—	—	—	—
MW-4	01/27/99	31.50	5.37	26.18	0.07	—	—	—	—	—	—	—	—	—	—	—
MW-4	Destroyed during construction activities in April 1999															
MW-5	Sep-00	39.18	Well surveyed after installation by Alisto Engineering													
MW-5	10/25/00	39.18	10.92	28.26	0.00	2,500	—	79	3.8	66	<20	<20	—	—	—	0.50

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	Lead (ppb)	Dissolved Oxygen (mg/L)
MW-5	01/15/01	39.18	8.32	30.86	0.00	3,900	—	120	7.9	280	52	<5.0	—	—	—	0.69
MW-5	04/10/01	39.18	7.21	31.97	0.00	8,000	—	280	4.4	410	100	<50	<5	—	—	1.90
MW-5	07/24/01	39.18	9.54	29.64	0.00	7,000	—	360	7.4	380	67	<1.0	—	—	—	5.91
MW-5	11/27/01	39.18	8.84	30.34	0.00	5,000	—	64	11	340	52	8.9	<2	—	—	—
MW-5	11/27/01	41.59	Well resurveyed													
MW-5	01/18/02	41.59	6.52	35.07	0.00	6,330	—	99.1	2.30	103	19.6	21.8	—	—	—	—
MW-5	04/10/02	41.59	7.20	34.39	0.00	2,140	—	275	8.00	183	24.5	<2.50	—	—	—	—
MW-5	07/12/02	41.59	8.83	32.76	0.00	3,940	—	350	<0.50	268	14	20	<0.50	—	—	—
MW-5	10/14/02	41.59	10.74	30.85	0.00	4,040	—	98.5	9.0	169	29.0	<2.5	—	—	—	—
MW-5	01/20/03	41.59	6.45	35.14	1.00	7,660	—	421	10.0	743	96.0	59	<0.50	—	—	—
AB-1	03/05/98	—	—	—	—	1,600	—	31	5.3	79	130	ND	—	—	—	—
AB-2	03/05/98	—	—	—	—	ND	—	ND	2.9	0.9	5.7	ND	—	—	—	—
AB-3	03/05/98	—	—	—	—	6,800	—	680	100	1,500	2,300	230	—	—	—	—
AB-4	03/05/98	—	—	—	—	8,500	—	240	ND	260	720	ND	—	—	—	—
AB-6	03/05/98	—	—	—	—	12,000	—	350	ND	310	100	ND	—	—	—	—
AB-9	03/05/98	—	—	—	—	1,000	—	57	12	44	93	ND	—	—	—	—
AB-10	03/05/98	—	—	—	—	200	—	3.0	1.2	3.2	2.8	ND	—	—	—	—
AB-11	03/05/98	—	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—
AB-12	03/05/98	—	—	—	—	8,800	—	660	50	630	940	37	—	—	—	—
AB-13	03/05/98	—	—	—	—	210	—	11	0.8	10	15	ND	—	—	—	—
HA-1	01/25/00	—	—	—	—	ND<500	—	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5.0	—	—	—	—

NOTES:

ppb = parts per billion
mg/L = milligrams per liter
TPH-G = total petroleum hydrocarbons as gasoline
TPH-D = total petroleum hydrocarbons as diesel
TOG = total oil and grease
MTBE = methyl tert-butyl ether

— = not measured/not analyzed
ND = not detected at or above method detection limit
* = diesel and unidentified hydrocarbons <C15
** = diesel and unidentified hydrocarbons <C15>C25
*** = diesel and unidentified hydrocarbons >C20
**** = unidentified hydrocarbons >C18

† = well sampled using no-purge method

1 MILE 3/4 1/2 1/4 0 1 MILE

SCALE 1 : 24,000

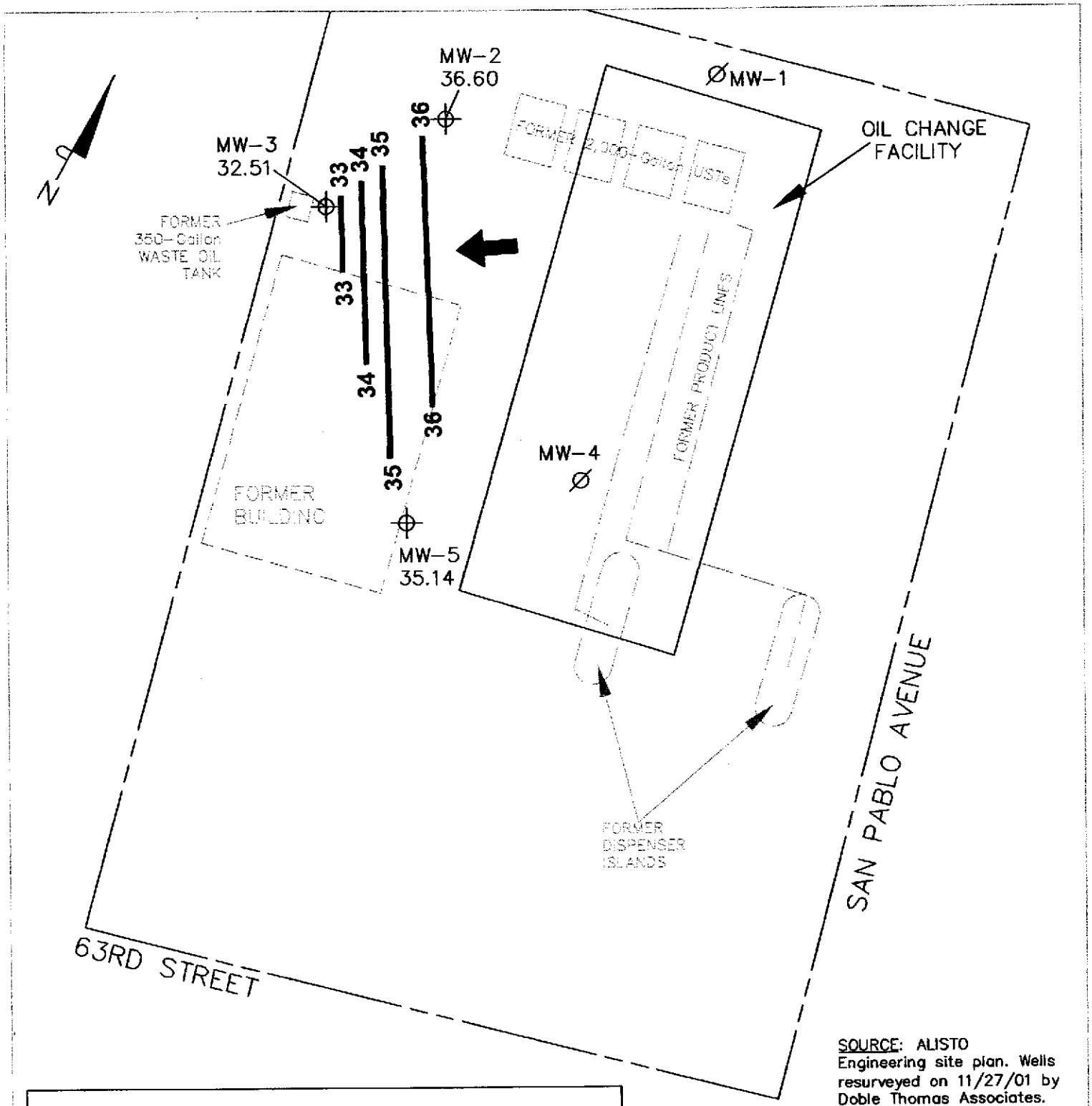
N

SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland West Quadrangle

VICINITY MAP

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

TRC | **FIGURE 1**



SOURCE: ALISTO Engineering site plan. Wells resurveyed on 11/27/01 by Doble Thomas Associates.

LEGEND

MW-2 36.60	Monitoring Well Showing Groundwater Elevation (Feet Relative to Mean Sea Level – NGVD-1929)
Ø	Destroyed Well
36	Groundwater Elevation Contour Line
	General Direction of Groundwater Gradient

NOTES: Contour lines are interpretive based on fluid-level measurements taken on January 20, 2003. Contour interval = 1 foot.

SCALE (FEET)

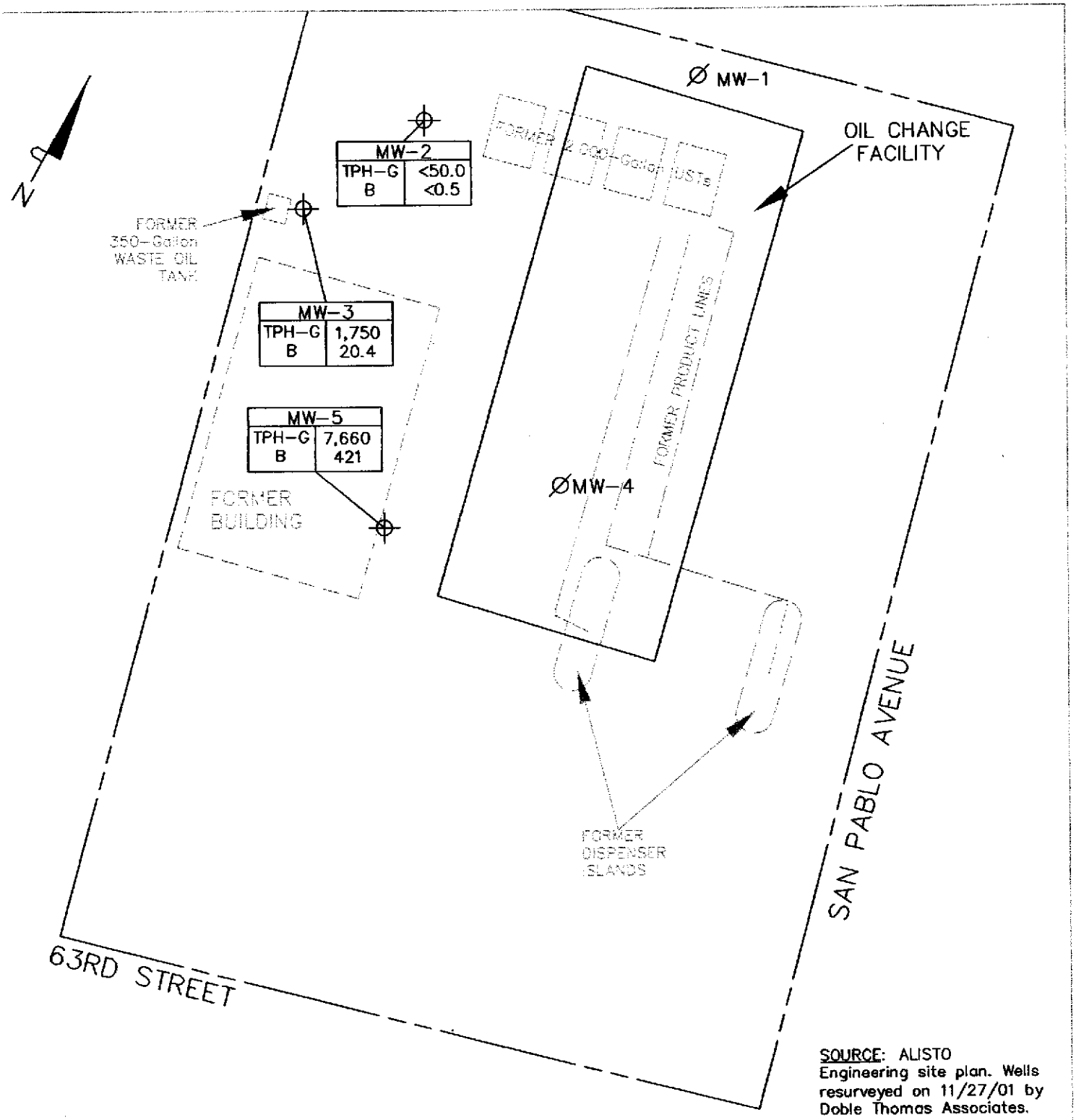
0 20

GROUNDWATER ELEVATION CONTOUR MAP
January 20, 2003

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

TRC

FIGURE 2



SOURCE: ALISTO Engineering site plan. Wells resurveyed on 11/27/01 by Doble Thomas Associates.

SCALE (FEET)

0 20

LEGEND

MW-3
TPH-G
B

Monitoring Well Showing Dissolved-Phase Hydrocarbon Concentrations for TPH-G and Benzene (ppb)

NOTES:
Hydrocarbon concentrations are based on results of laboratory samples collected on January 20, 2003. TPH-G = total petroleum hydrocarbons as gasoline; B = benzene; ppb = parts per billion; < = not detected at or above the stated method detection limit.

DISSOLVED-PHASE HYDROCARBON CONCENTRATIONS
January 20, 2003

Former Mobil Station 99-105
6301 San Pablo Avenue
Oakland, California

TRC

FIGURE 3

EXHIBIT 4

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

FLUID-LEVEL MONITORING

Fluid levels are monitored in the wells using an electronic interface probe with conductance sensors. The presence of liquid-phase hydrocarbons is verified using a hydrocarbon-reactive paste. The depth to liquid-phase hydrocarbons and water is measured to the nearest 0.01 foot relative to the well box top or top of casing. Well box or casing elevations are surveyed to within 0.02 foot relative to a county or city benchmark.

GROUNDWATER SAMPLING

Currently, 'pre-purge' and 'non-purge' methods of sampling both comply with regulatory standards.

NON-PURGE METHOD:

TRC utilizes the 'non-purge' method of sampling for all qualifying groundwater monitoring wells. Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4□C prior to analysis by a state-certified laboratory.

The following criteria necessary for a well to qualify for 'non-purge' sampling are taken from a letter issued by San Francisco Bay Regional Water Quality Control Board on January 31, 1997:

1. The non-purging approach shall be used only for monitoring wells where groundwater has been impacted by petroleum hydrocarbons, BTEX, and MTBE.

2. Non-purge sampling shall be utilized for unconfined aquifers only.

3. The monitoring well shall be properly permitted, constructed (in this case, screened across the water table), and developed.

4. The well is presently in use for groundwater or soil vapor extraction.

5. The well does not contain free product.

6. For new wells or wells brought into monitoring for the first time, the first round of groundwater sampling performed at a site shall be with both non-purged and purged samples. The purging and sampling method used shall be documented. This shall include the rate of purge and sampling

details. For these wells we require measurements of dissolved oxygen, specific conductance, pH, and temperature whether purged or not purged. Also, if biodegradation is being tracked at the well, our requirements do not preclude the measurement of other parameters.

7. Existing wells which have already been routinely purged in previous sampling events immediate to being switched to a non-purging mode do not require an initial duplicate non-purged and purged sample.

8. Monitoring data frequency shall be as required by the appropriate regulatory oversight agency.

9. Should site closure be requested where the non-purged approach has been used, the final confirmation sampling event shall include both non-purged and purged samples from each well or as agreed upon with the appropriate regulatory oversight agency.

PURGE METHOD:

Groundwater monitoring wells that do not qualify for the 'non-purge' method are purged and sampled in accordance with standard regulatory protocol. Typically, monitoring wells that contain no liquid-phase hydrocarbons are purged of groundwater prior to sampling so that fluids sampled are representative of fluids within the formation. Temperature, pH, and specific conductance are typically measured after each well casing volume has been removed. Purging is considered complete when these parameters vary less than 10% from the previous readings, or when four casing volumes of fluid have been removed. Samples are collected without further purging if the well does not recharge within 2 hours to 80% of its volume before purging.

The purged water is either pumped directly into a licensed vacuum truck or temporarily stored in labeled drums prior to transport to an appropriate treatment or recycling facility. If an automatic recovery system (ARS) is operating at the site, purged water may be pumped into the ARS for treatment.

Groundwater samples are collected by lowering a 1.5-inch-diameter, bottom-fill, disposable polyethylene bailer just below the static water level in the well. The samples are carefully transferred from the check-valve-equipped bailer to 1-liter and 40-milliliter glass containers. The sample containers are filled to zero headspace and fitted with Teflon-sealed caps. Each sample is labeled with the project number, well number, sample date, and sampler's initials. Samples remain chilled at approximately 4□C prior to analysis by a state-certified laboratory.

EXHIBIT 5

MONITORING WELL SAMPLING FORMS

TRC Alton Geoscience, Northern California Operations

FLUID MEASUREMENT FIELD FORM

Project No.: 41012380 TRC Alton Personnel: J. Chidester

Station No.: 99-105 Date: 1/20/03

Well Number	Screen Interval	Depth to Water	Depth to Product	Free Product Thickness (ft)	Free Product Recovery	Total Depth	Dissolved O_2 (mg/L)	Comments
MW-2		5.39				18.90		4"
MW-3		9.20				18.46		4"
MW-5		6.45				20.53		4"

TRC Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 99-105 Project No.: 41012380 Sampled By: J. Chidester Date: 1/20/03

Well No. MW-2
Total Depth (feet) 18.90
Depth to Water (feet): 5.39
Water Column (feet): 13.51
80% Recharge Depth (feet): 8.09
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 8.78

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1008				0.39	51.5	6.55
				0.35	52.9	5.98
	1021			0.35	53.3	5.79
	Total Purged		26	Time Sampled		1300

Comments: pH questionable — WQ3
Turbidity=

Well No. MW-3
Total Depth (feet) 18.46
Depth to Water (feet): 9.20
Water Column (feet): 9.26
80% Recharge Depth (feet): 11.05
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 6.02

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1027				1.28	59.8	6.89
				1.15	60.7	6.79
	1036			1.35	61.6	6.65
			15			
	Total Purged		~~18~~	Time Sampled		1310

Comments: Used HANNA meter
Turbidity= Ran Dry @ 15 gal.

Well No. MW-5
Total Depth (feet) 20.53
Depth to Water (feet): 6.45
Water Column (feet): 14.08
80% Recharge Depth (feet): 9.27
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 9.15

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1044				0.94	61.6	6.51
				0.96	62.6	6.46
	1058			0.97	62.6	6.44
	Total Purged		27	Time Sampled		1320

Comments:
Turbidity=

Well No.
Total Depth (feet)
Depth to Water (feet):
Water Column (feet):
80% Recharge Depth (feet):
Purge Method:
Depth to Product (feet):
Product Recovered (gallons):
Casing Diameter (Inches):
1 Well Volume (gallons):

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
	Total Purged			Time Sampled		

Comments:
Turbidity=

Well No.
Total Depth (feet)
Depth to Water (feet):
Water Column (feet):
80% Recharge Depth (feet):
Purge Method:
Depth to Product (feet):
Product Recovered (gallons):
Casing Diameter (Inches):
1 Well Volume (gallons):

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
	Total Purged			Time Sampled		

Comments:
Turbidity=

Well No.
Total Depth (feet)
Depth to Water (feet):
Water Column (feet):
80% Recharge Depth (feet):
Purge Method:
Depth to Product (feet):
Product Recovered (gallons):
Casing Diameter (Inches):
1 Well Volume (gallons):

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
	Total Purged			Time Sampled		

Comments:
Turbidity=

EXHIBIT 6

ANALYTICAL LABORATORY DATA SHEETS

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

317792

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: TRC Client #: 3879
Address: 5052 Commercial Circle
City/State/Zip Code: Concord, CA 94520
Project Manager: Gene Ortega
Telephone Number: 925-688-1200 Fax: 925-689-0393
Sampler Name: (Print Name) James Chidester
Sampler Signature: James Chidester

Project Name: 99-105
Project #: 41012380
Site/Location ID: Oakland State: CA
Report To: Chris Brown (TRC)
Invoice To: Gene Ortega (ExxonMobil)
Quote #: 3879 PO#: 4501668059

TAT: ✓ Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: (Y) N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: BTEX (8020)	* MTBE	TPH-G (8015)	REMARKS
MW-2	1/20/03	1300	G		GW		4						X	X	X	11181
MW-3	↓	1310	↓		↓		↓						↓	↓	↓	11182
MW-5	↓	1320	↓		↓		↓						↓	↓	↓	11183

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: _____

Special Instructions: * Please confirm highest MTBE by 8260
Please report with Hard Copy & EDD Format

	Date	Time		Date	Time
Relinquished By: James Chidester	1/20/03	1520	Received By:		
Relinquished By: James Chidester	1/29/03	1400	Received By: J Jack	1/29/03	900
Relinquished By:			Received By:		

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 2°c
Custody Seals: (Y) N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TESTAMERICA,INC.-NASHVILLE

COOLER RECEIPT FORM

Client: TRC BC# 3/7992

Cooler Received On: 1/25/03 And Opened On: 1/25/03 By: *James Jacobs*

(Signature)

1. Temperature of Cooler when opened 2 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....(YES)...NO....NA
   a. If yes, how many, what kind and where: 2 Tape Front
3. Were custody seals on containers and intact?.....(NO)..YES...NA
4. Were the seals intact, signed, and dated correctly?.....(YES)...NO...NA
5. Were custody papers inside cooler?.....(YES)...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....(YES)...NO...NA
7. Did you sign the custody papers in the appropriate place?.....(YES)...NO...NA
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....(YES)...NO...NA
10. Did all bottles arrive in good condition(unbroken)?.....(YES)...NO...NA
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....(YES)..NO...NA
12. Did all bottle labels and tags agree with custody papers?.....(YES)..NO...NA
13. Were correct bottles used for the analysis requested?.....(YES)...NO...NA
14. a. Were VOA vials received?.....(YES)..NO...NA
    b. Was there any observable head space present in any VOA vial?.....(NO)..YES...NA
15. Was sufficient amount of sample sent in each bottle?.....(YES)...NO...NA
16. Were correct preservatives used?.....(YES)...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?.....NO...YES...(NA)
18. Corrective action taken, if necessary:
    See attached for resolution

TestAmerica
INCORPORATED

2/ 3/03

TRC ALTON 3879
CHRIS BROWN
5052 COMMERCIAL CIRCLE
CONCORD, CA 94520

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 41012380 EXXONMOBIL 99-105. The Laboratory Project number is 317792.
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
MW-2	03-A11181	1/20/03
MW-3	03-A11182	1/20/03
MW-5	03-A11183	1/20/03

Report Approved By: _____ Report Date: 1/31/03

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
Roxanne L. Connor, 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

TestAmerica
INCORPORATED

ANALYTICAL REPORT

TRC ALTON 3879
CHRIS BROWN
5052 COMMERCIAL CIRCLE
CONCORD, CA 94520

Project: 41012380
Project Name: EXXONMOBIL 99-105
Sampler: JAMES CHIDESTER

Lab Number: 03-A11181
Sample ID: MW-2
Sample Type: Water
Site ID: 99-105

Date Collected: 1/20/03
Time Collected: 13:00
Date Received: 1/25/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.5	1.0	1/29/03	6:07	F.Gundi	8021B	2680
Ethylbenzene	ND	ug/L	0.5	1.0	1/29/03	6:07	F.Gundi	8021B	2680
Toluene	ND	ug/L	0.5	1.0	1/29/03	6:07	F.Gundi	8021B	2680
Xylenes (Total)	ND	ug/L	0.5	1.0	1/29/03	6:07	F.Gundi	8021B	2680
Methyl-t-butylether	0.6	ug/L	0.5	1.0	1/29/03	6:07	F.Gundi	8021B	2680
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	1/29/03	6:07	F.Gundi	8015B	2680

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	92.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

TRC ALTON 3879
CHRIS BROWN
5052 COMMERCIAL CIRCLE
CONCORD, CA 94520

Project: 41012380
Project Name: EXXONMOBIL 99-105
Sampler: JAMES CHIDESTER

Lab Number: 03-A11182
Sample ID: MW-3
Sample Type: Water
Site ID: 99-105

Date Collected: 1/20/03
Time Collected: 13:10
Date Received: 1/25/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	20.4	ug/L	0.5	1.0	1/29/03	23:09	D.Ramey	8021B	6782
Ethylbenzene	60.7	ug/L	0.5	1.0	1/29/03	23:09	D.Ramey	8021B	6782
Toluene	3.4	ug/L	0.5	1.0	1/29/03	23:09	D.Ramey	8021B	6782
Xylenes (Total)	22.0	ug/L	0.5	1.0	1/29/03	23:09	D.Ramey	8021B	6782
Methyl-t-butylether	10.7	ug/L	0.5	1.0	1/29/03	23:09	D.Ramey	8021B	6782
TPH (Gasoline Range)	1750	ug/L	50.0	1.0	1/29/03	23:09	D.Ramey	8015B	6782

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	124.	69. - 132.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

TRC ALTON 3879
CHRIS BROWN
5052 COMMERCIAL CIRCLE
CONCORD, CA 94520

Project: 41012380
Project Name: EXXONMOBIL 99-105
Sampler: JAMES CHIDESTER

Lab Number: 03-A11183
Sample ID: MW-5
Sample Type: Water
Site ID: 99-105

Date Collected: 1/20/03
Time Collected: 13:20
Date Received: 1/25/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	421.	ug/L	5.0	10.0	1/30/03	21:18	D.Ramey	8021B	6671
Ethylbenzene	743.	ug/L	5.0	10.0	1/30/03	21:18	D.Ramey	8021B	6671
Toluene	10.0	ug/L	5.0	10.0	1/30/03	21:18	D.Ramey	8021B	6671
Xylenes (Total)	96.0	ug/L	5.0	10.0	1/30/03	21:18	D.Ramey	8021B	6671
Methyl-t-butylether	59.0	ug/L	5.0	10.0	1/30/03	21:18	D.Ramey	8021B	6671
TPH (Gasoline Range)	7660	ug/L	500.	10.0	1/30/03	21:18	D.Ramey	8015B	6671
VOLATILE ORGANICS									
Methyl-t-butyl ether	ND	ug/L	5.00	10.0	2/ 1/03	2:52	J.Haley	8260B	7920

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	69. - 132.
VOA Surr 1,2-DCA-d4	118.	73. - 133.
VOA Surr Toluene-d8	92.	80. - 121.
VOA Surr, 4-BFB	105.	80. - 128.
VOA Surr, DBFM	105.	81. - 121.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A11183
Sample ID: MW-5
Project: 41012380

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 41012380
Project Name: EXXONMOBIL 99-105
Page: 1
Laboratory Receipt Date: 1/25/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for MS/MSD analysis for that method and the method requirements for MS/MSD analysis could not be met.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0513	0.0500	103	74. - 129.	2680	03-A10981
Benzene	mg/l	< 0.0005	0.0505	0.0500	101	74. - 129.	6782	blank
Benzene	mg/l	< 0.0005	0.544	0.500	109	74. - 129.	6671	blank
Toluene	mg/l	< 0.0005	0.0493	0.0500	99	74. - 128.	2680	03-A10981
Toluene	mg/l	< 0.0005	0.0489	0.0500	98	74. - 128.	6782	blank
Toluene	mg/l	< 0.0005	0.520	0.500	104	74. - 128.	6671	blank
Ethylbenzene	mg/l	< 0.0005	0.0484	0.0500	97	75. - 128.	2680	03-A10981
Ethylbenzene	mg/l	< 0.0005	0.0485	0.0500	97	75. - 128.	6782	blank
Ethylbenzene	mg/l	< 0.0005	0.516	0.500	103	75. - 128.	6671	blank
Xylenes (Total)	mg/l	< 0.0005	0.0953	0.100	95	72. - 126.	2680	03-A10981
Xylenes (Total)	mg/l	< 0.0005	0.0963	0.100	96	72. - 126.	6782	blank
Xylenes (Total)	mg/l	< 0.0005	1.01	1.00	101	72. - 126.	6671	blank
Methyl-t-butylether	mg/l	< 0.0005	0.0499	0.0500	100	64. - 133.	6782	blank
Methyl-t-butylether	mg/l	< 0.0005	0.559	0.500	112	64. - 133.	6671	blank
TPH (Gasoline Range)	mg/l	< 0.0500	1.08	1.00	108	59. - 128.	2680	blank
TPH (Gasoline Range)	mg/l	< 0.0500	1.00	1.00	100	59. - 128.	6782	blank
TPH (Gasoline Range)	mg/l	< 0.0500	10.4	10.0	104	59. - 128.	6671	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				97	69 - 132	2680	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				98	69 - 132	6782	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				96	69 - 132	6671	
VOA Surr 1,2-DCA-d4	% Rec				115	73. - 133.	7920	
VOA Surr Toluene-d8	% Rec				85	80. - 121.	7920	
VOA Surr, 4-BFB	% Rec				103	80. - 128.	7920	
VOA Surr, DBFM	% Rec				95	81. - 121.	7920	

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 41012380
Project Name: EXXONMOBIL 99-105
Page: 2
Laboratory Receipt Date: 1/25/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0513	0.0533	3.82	15.	2680
Benzene	mg/l	0.544	0.521	4.32	15.	6671
Benzene	mg/l	0.0505	0.0509	0.79	15.	6782
Toluene	mg/l	0.0493	0.0508	3.00	15.	2680
Toluene	mg/l	0.520	0.497	4.52	15.	6671
Toluene	mg/l	0.0489	0.0493	0.81	15.	6782
Ethylbenzene	mg/l	0.0484	0.0495	2.25	15.	2680
Ethylbenzene	mg/l	0.516	0.495	4.15	15.	6671
Ethylbenzene	mg/l	0.0485	0.0489	0.82	15.	6782
Xylenes (Total)	mg/l	0.0953	0.0974	2.18	19.	2680
Xylenes (Total)	mg/l	1.01	0.968	4.25	19.	6671
Xylenes (Total)	mg/l	0.0963	0.0971	0.83	19.	6782
Methyl-t-butylether	mg/l	0.559	0.541	3.27	23.	6671
Methyl-t-butylether	mg/l	0.0499	0.0507	1.59	23.	6782
TPH (Gasoline Range)	mg/l	1.08	0.978	9.91	22.	2680
TPH (Gasoline Range)	mg/l	10.4	9.81	5.84	22.	6671
TPH (Gasoline Range)	mg/l	1.00	0.981	1.92	22.	6782
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			2680
BTEX/GRO Surr., a,a,a-TFT	% Recovery		96.			6671
BTEX/GRO Surr., a,a,a-TFT	% Recovery		98.			6782
VOA Surr 1,2-DCA-d4	% Rec		90.			7920
VOA Surr Toluene-d8	% Rec		94.			7920
VOA Surr, 4-BFB	% Rec		98.			7920
VOA Surr, DBFM	% Rec		92.			7920

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 41012380
Project Name: EXXONMOBIL 99-105
Page: 3
Laboratory Receipt Date: 1/25/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0909	91	74 - 124	2680
Benzene	mg/l	0.100	0.0907	91	74 - 124	6671
Benzene	mg/l	0.100	0.101	101	74 - 124	6782
Toluene	mg/l	0.100	0.0879	88	74 - 121	2680
Toluene	mg/l	0.100	0.0877	88	74 - 121	6671
Toluene	mg/l	0.100	0.0970	97	74 - 121	6782
Ethylbenzene	mg/l	0.100	0.0868	87	75 - 123	2680
Ethylbenzene	mg/l	0.100	0.0870	87	75 - 123	6671
Ethylbenzene	mg/l	0.100	0.0960	96	75 - 123	6782
Xylenes (Total)	mg/l	0.200	0.174	87	72 - 120	2680
Xylenes (Total)	mg/l	0.200	0.173	86	72 - 120	6671
Xylenes (Total)	mg/l	0.200	0.191	96	72 - 120	6782
Methyl-t-butylether	mg/l	0.100	0.0939	94	64 - 128	2680
Methyl-t-butylether	mg/l	0.100	0.0937	94	64 - 128	6671
Methyl-t-butylether	mg/l	0.100	0.100	100	64 - 128	6782
TPH (Gasoline Range)	mg/l	1.00	0.978	98	61 - 139	2680
TPH (Gasoline Range)	mg/l	1.00	1.04	104	61 - 139	6671
TPH (Gasoline Range)	mg/l	1.00	1.00	100	61 - 139	6782
BTEX/GRO Surr., a,a,a-TFT	% Recovery			98	69 - 132	2680
BTEX/GRO Surr., a,a,a-TFT	% Recovery			100	69 - 132	6671
BTEX/GRO Surr., a,a,a-TFT	% Recovery			100	69 - 132	6782

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Methyl-t-butyl ether	mg/l	0.0500	0.0536	107	66 - 137	7920

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 41012380
Project Name: EXXONMOBIL 99-105
Page: 4
Laboratory Receipt Date: 1/25/03

VOA Surr 1,2-DCA-d4	% Rec	111	73 - 133	7920
VOA Surr Toluene-d8	% Rec	95	80 - 121	7920
VOA Surr, 4-BFB	% Rec	102	80 - 128	7920
VOA Surr, DBFM	% Rec	100	81 - 121	7920

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	2680	1/28/03	18:01
Benzene	< 0.0005	mg/l	6782	1/29/03	15:47
Benzene	< 0.0005	mg/l	6671	1/30/03	17:05
Toluene	< 0.0005	mg/l	2680	1/28/03	18:01
Toluene	< 0.0005	mg/l	6782	1/29/03	15:47
Toluene	< 0.0005	mg/l	6671	1/30/03	17:05
Ethylbenzene	< 0.0005	mg/l	2680	1/28/03	18:01
Ethylbenzene	< 0.0005	mg/l	6782	1/29/03	15:47
Ethylbenzene	< 0.0005	mg/l	6671	1/30/03	17:05
Xylenes (Total)	< 0.0005	mg/l	2680	1/28/03	18:01
Xylenes (Total)	< 0.0005	mg/l	6782	1/29/03	15:47
Xylenes (Total)	< 0.0005	mg/l	6671	1/30/03	17:05
Methyl-t-butylether	< 0.0005	mg/l	2680	1/28/03	18:01
Methyl-t-butylether	< 0.0005	mg/l	6782	1/29/03	15:47
Methyl-t-butylether	< 0.0005	mg/l	6671	1/30/03	17:05
TPH (Gasoline Range)	< 0.0500	mg/l	2680	1/28/03	18:01
TPH (Gasoline Range)	< 0.0500	mg/l	6782	1/29/03	15:47
TPH (Gasoline Range)	< 0.0500	mg/l	6671	1/30/03	17:05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 41012380
Project Name: EXXONMOBIL 99-105
Page: 5
Laboratory Receipt Date: 1/25/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
BTEX/GRO Surr., a,a,a-TFT	93.	% Recovery	2680	1/28/03	18:01
BTEX/GRO Surr., a,a,a-TFT	93.	% Recovery	6782	1/29/03	15:47
BTEX/GRO Surr., a,a,a-TFT	91.	% Recovery	6671	1/30/03	17:05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Methyl-t-butyl ether	< 0.00014	mg/l	7920	2/ 1/03	2:01
VOA Surr 1,2-DCA-d4	119.	% Rec	7920	2/ 1/03	2:01
VOA Surr Toluene-d8	99.	% Rec	7920	2/ 1/03	2:01
VOA Surr, 4-BFB	105.	% Rec	7920	2/ 1/03	2:01
VOA Surr, DBFM	106.	% Rec	7920	2/ 1/03	2:01

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 317792