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

December 6, 2002

Alameda County
DEC 10 2002
Environmental Health

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

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 *Fourth Quarter 2002 Groundwater Monitoring Report* for the above-referenced site. The report, prepared by TRC of Concord, California, details the results of the October 14, 2002 sampling event.

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

Sincerely,

Gene Ortega
Territory Manager

Attachment: Fourth Quarter 2002 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

December 6, 2002

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 *Fourth Quarter 2002 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
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 Progress Report Summary Sheet
Fourth Quarter 2002

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

LOP: Alameda County Health Services

Number of water zones:	1	This Page	1
FIELD ACTIVITY:		Date Sampled:	14-Oct-02
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:			11.43 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			31.33 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		decrease:	-0.23 ft
Approximate flow direction and hydraulic gradient:		Southwest at:	0.063 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 98.5 ppb
Nature of contamination:	Gasoline		TPH-G: ND<50 to 4,040 ppb

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

Prepared by: Jonathan Scheiner — Jonathan Scheiner, Associate — Alton Project No: 41-0123

Approved by: Tracy L. Walker — California RG #6808 — Tracy L. Walker, RG, Associate — Submittal Date: 12/06/02

REGISTERED GEOLOGIST ★ TRACY WALKER ★ No. 6808 Exp. 10/31/03 ★ STATE OF CALIFORNIA ★

TRC
Customer-Focused Solutions
11/25/02

EXHIBIT 1

SAMPLING SCHEDULE

MONITORING WELL SAMPLING SCHEDULE 2002
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	—	—	—	—

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-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
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

Summary of Groundwater Levels and Chemical Analysis

Former Mobil Station 99-105

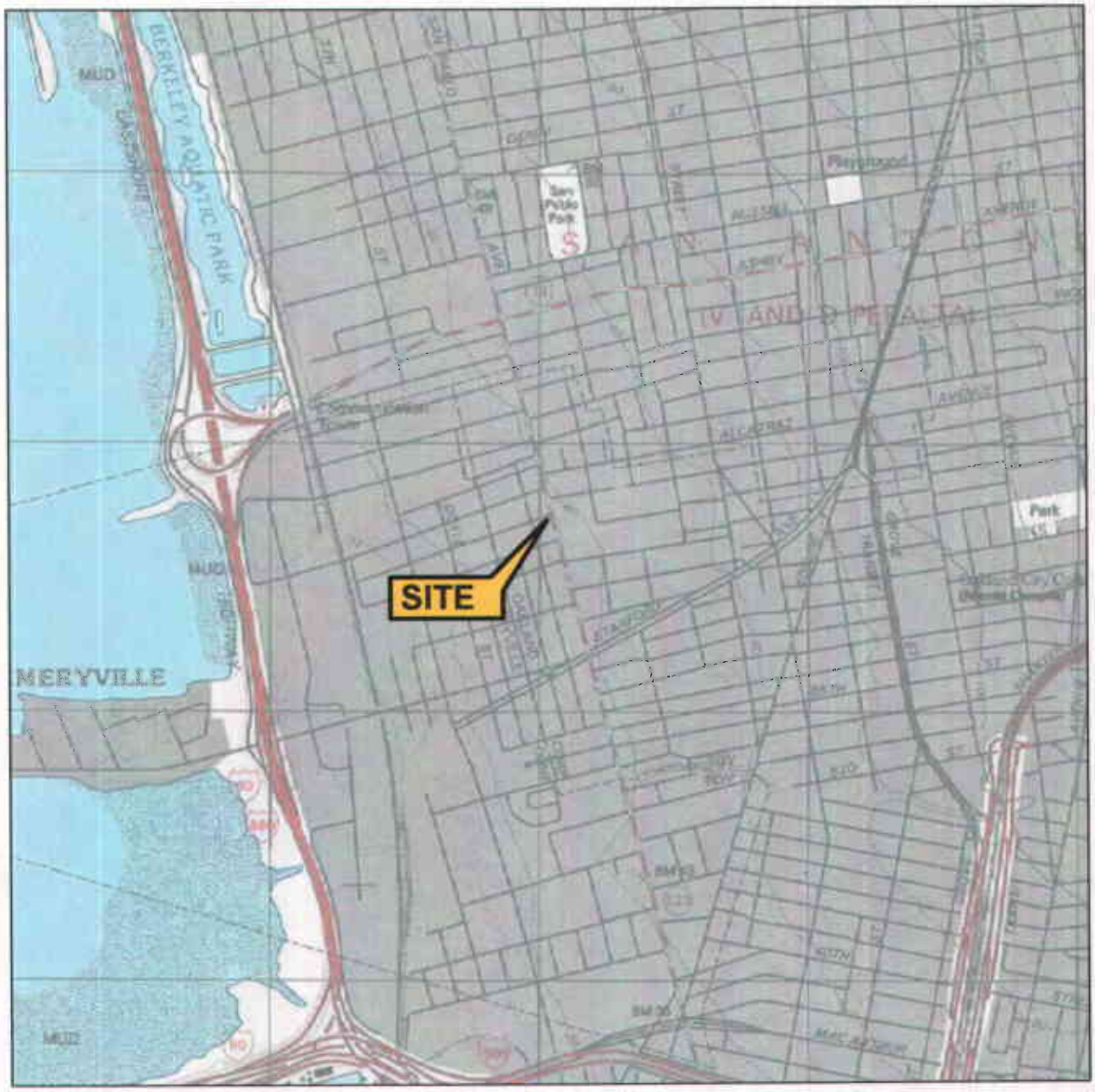
Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	Lead (ppb)	Dissolved Oxygen (mg/L)
MW-5	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	—	—	—	—
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



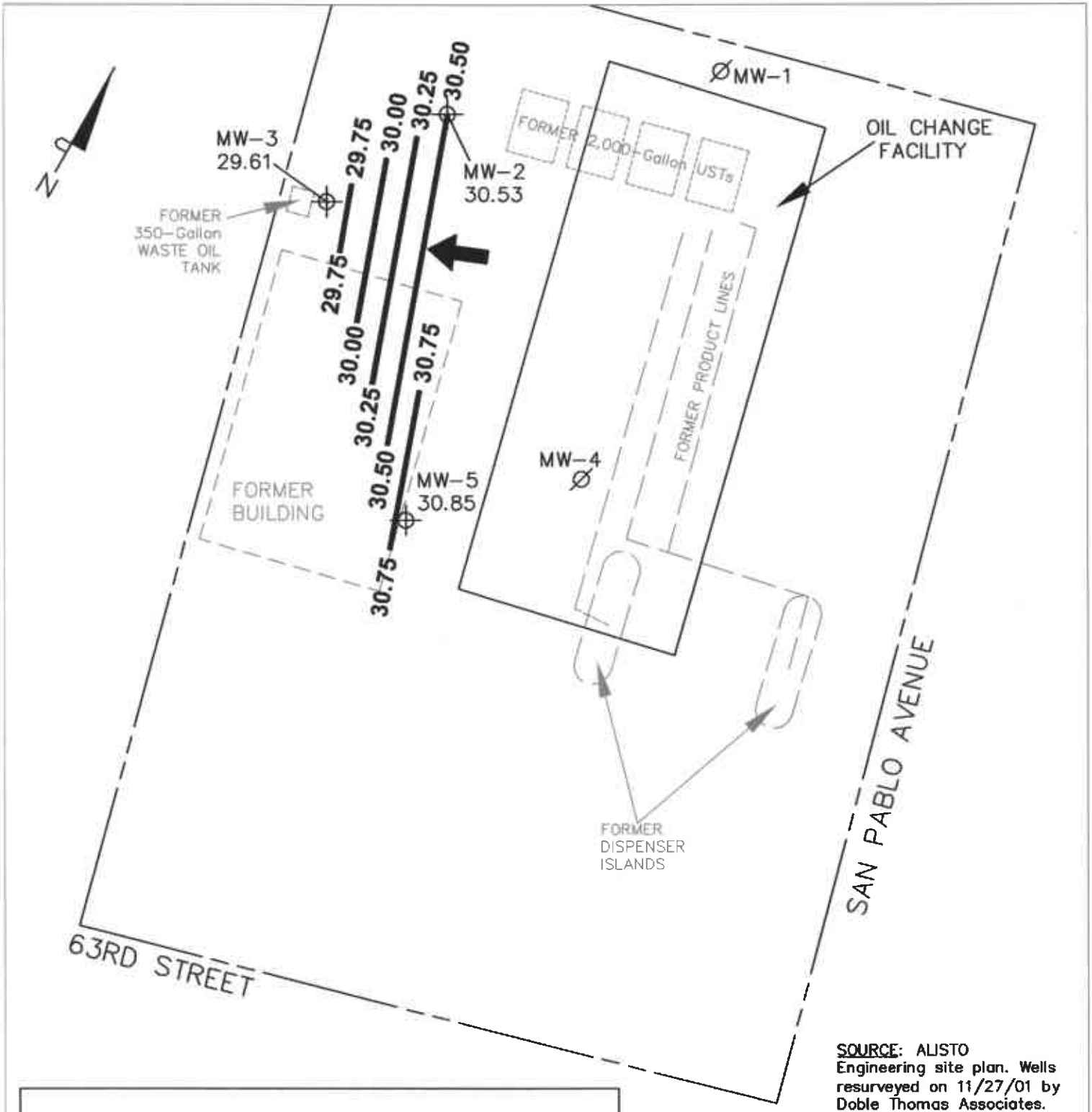
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland West Quadrangle

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.

SCALE (FEET)

0 20

LEGEND

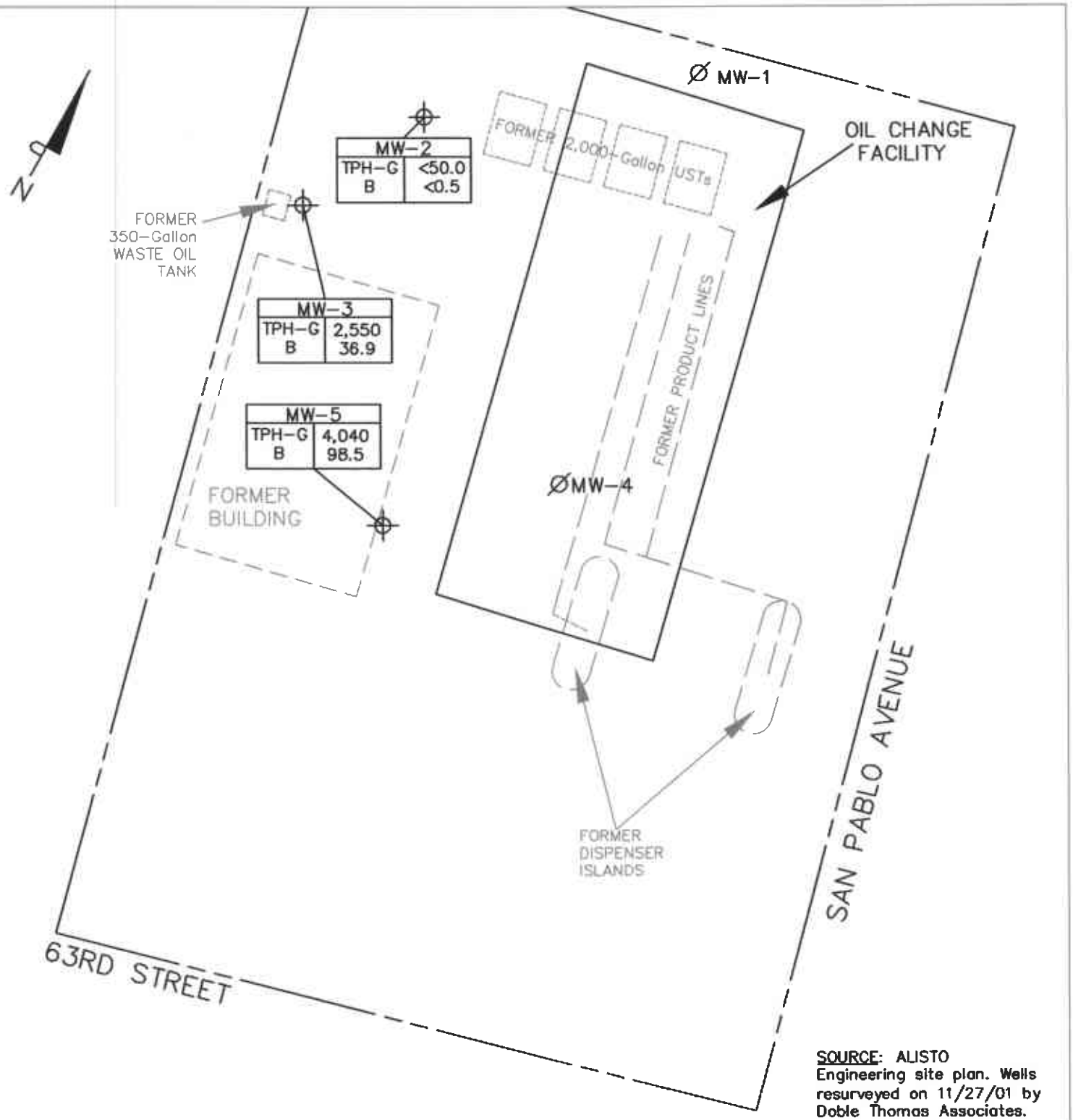
MW-2 30.53	Monitoring Well Showing Groundwater Elevation (Feet Relative to Mean Sea Level – NGVD-1929)
∅	Destroyed Well
30.50	Groundwater Elevation Contour Line
	General Direction of Groundwater Gradient

NOTES: Contour lines are interpretive based on fluid-level measurements taken on October 14, 2002. Contour interval = 0.25 foot.

GROUNDWATER ELEVATION CONTOUR MAP
October 14, 2002

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 October 14, 2002. 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
October 14, 2002

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.: 41012376
Station No.: 99-105

TRC Alton Personnel: J. Chidester
Date: 10/14/02

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		11.46				18.90		4"
MW-3		12.10				18.46		4"
MW-5		10.74				20.53		4"

g:\general\forms\fluidfrm.xls

10/12/99

TRC Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 99-105 Project No.: 41012376 Sampled By: J. Chidester Date: 10/14/02

Well No. MW-2
Total Depth (feet) 18.90
Depth to Water (feet): 11.46
Water Column (feet): 7.44
80% Recharge Depth (feet): 12.95
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 4.84

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1119				0.38	71.3	6.58
				0.34	70.2	6.43
	1126			0.35	69.3	6.33
			7			
	Total Purged		~~14~~	Time Sampled		1330

Comments: Ran Dry @ 7 gal.
Turbidity=

Well No. MW-3
Total Depth (feet) 18.46
Depth to Water (feet): 12.10
Water Column (feet): 6.36
80% Recharge Depth (feet): 13.37
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 4.13

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1128				1.02	68.7	6.28
				0.97	68.3	6.22
	1134			1.02	67.8	6.19
			6			
	Total Purged		~~12~~	Time Sampled		1345

Comments: Ran Dry @ 6 gal.
Turbidity=

Well No. MW-5
Total Depth (feet) 20.53
Depth to Water (feet): 10.74
Water Column (feet): 9.79
80% Recharge Depth (feet): 12.70
Purge Method: 2" electric
Depth to Product (feet): —
Product Recovered (gallons): —
Casing Diameter (Inches): 4"
1 Well Volume (gallons): 6.36

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1142				1.04	72.0	6.35
				0.93	71.3	6.37
	1152			0.92	71.4	6.43
	Total Purged		19	Time Sampled		1400

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

10/23/02

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 EXXONMOBIL 99-105. The Laboratory Project number is 305498.
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	02-A171342	10/14/02
MW-3	02-A171343	10/14/02
MW-5	02-A171344	10/14/02

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: _____ Report Date: 10/23/02

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

Lab Number: 02-A171342
Sample ID: MW-2
Sample Type: Water
Site ID: 99-105

Date Collected: 10/14/02
Time Collected: 13:30
Date Received: 10/18/02
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	10/22/02	22:00	D.Yeager	8021B	9623
Ethylbenzene	0.6	ug/L	0.5	1.0	10/22/02	22:00	D.Yeager	8021B	9623
Toluene	4.1	ug/L	0.5	1.0	10/22/02	22:00	D.Yeager	8021B	9623
Xylenes (Total)	4.0	ug/L	0.5	1.0	10/22/02	22:00	D.Yeager	8021B	9623
Methyl-t-butylether	ND	ug/L	0.5	1.0	10/22/02	22:00	D.Yeager	8021B	9623
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	10/22/02	22:00	D.Yeager	8015B	9623

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	107.	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:
Project Name: EXXONMOBIL 99-105
Sampler: JAMES CHIDESTER

Lab Number: 02-A171343
Sample ID: MW-3
Sample Type: Water
Site ID: 99-105

Date Collected: 10/14/02
Time Collected: 13:45
Date Received: 10/18/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	36.9	ug/L	0.5	1.0	10/22/02	22:32	D.Yeager	8021B	9623
Ethylbenzene	20.3	ug/L	0.5	1.0	10/22/02	22:32	D.Yeager	8021B	9623
Toluene	3.8	ug/L	0.5	1.0	10/22/02	22:32	D.Yeager	8021B	9623
Xylenes (Total)	48.0	ug/L	0.5	1.0	10/22/02	22:32	D.Yeager	8021B	9623
Methyl-t-butylether	ND	ug/L	0.5	1.0	10/22/02	22:32	D.Yeager	8021B	9623
TPH (Gasoline Range)	2550	ug/L	50.0	1.0	10/22/02	22:32	D.Yeager	8015B	9623

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	90.	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.

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INCORPORATED

ANALYTICAL REPORT

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

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

Lab Number: 02-A171344
Sample ID: MW-5
Sample Type: Water
Site ID: 99-105

Date Collected: 10/14/02
Time Collected: 14:00
Date Received: 10/18/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	98.5	ug/L	2.5	5.0	10/23/02	11:12	D.Yeager	8021B	2824
Ethylbenzene	169.	ug/L	2.5	5.0	10/23/02	11:12	D.Yeager	8021B	2824
Toluene	9.0	ug/L	2.5	5.0	10/23/02	11:12	D.Yeager	8021B	2824
Xylenes (Total)	29.0	ug/L	2.5	5.0	10/23/02	11:12	D.Yeager	8021B	2824
Methyl-t-butylether	ND	ug/L	2.5	5.0	10/23/02	11:12	D.Yeager	8021B	2824
TPH (Gasoline Range)	4040	ug/L	250.	5.0	10/23/02	11:12	D.Yeager	8015B	2824

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	86.	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.

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PROJECT QUALITY CONTROL DATA
Project Number:
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	< 0.0005	0.0484	0.0500	97	74. - 129.	2824	blank
Benzene	mg/l	< 0.0005	0.0515	0.0500	103	74. - 129.	9623	02-A171298
Toluene	mg/l	< 0.0005	0.0486	0.0500	97	74. - 128.	2824	blank
Toluene	mg/l	< 0.0005	0.0517	0.0500	103	74. - 128.	9623	02-A171298
Ethylbenzene	mg/l	< 0.0005	0.0487	0.0500	97	75. - 128.	2824	blank
Ethylbenzene	mg/l	< 0.0005	0.0518	0.0500	104	75. - 128.	9623	02-A171298
Xylenes (Total)	mg/l	< 0.0005	0.0965	0.100	96	72. - 126.	2824	blank
Xylenes (Total)	mg/l	< 0.0005	0.102	0.100	102	72. - 126.	9623	02-A171298
Methyl-t-butylether	mg/l	< 0.0005	0.0437	0.0500	87	64. - 133.	2824	blank
Methyl-t-butylether	mg/l	< 0.0005	0.0443	0.0500	89	64. - 133.	9623	02-A171298
TPH (Gasoline Range)	mg/l	< 0.0500	0.877	1.00	88	59. - 128.	2824	blank
TPH (Gasoline Range)	mg/l	< 0.0500	0.912	1.00	91	59. - 128.	9623	02-A171298
BTEX/GRO Surr., a,a,a-TFT	% Recovery				101	69. - 132.	2824	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	69. - 132.	9623	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0484	0.0496	2.45	15.	2824
Benzene	mg/l	0.0515	0.0540	4.74	15.	9623
Toluene	mg/l	0.0486	0.0498	2.44	15.	2824
Toluene	mg/l	0.0517	0.0541	4.54	15.	9623
Ethylbenzene	mg/l	0.0487	0.0498	2.23	15.	2824
Ethylbenzene	mg/l	0.0518	0.0540	4.16	15.	9623
Xylenes (Total)	mg/l	0.0965	0.0984	1.95	19.	2824
Xylenes (Total)	mg/l	0.102	0.106	3.85	19.	9623
Methyl-t-butylether	mg/l	0.0437	0.0442	1.14	23.	2824
Methyl-t-butylether	mg/l	0.0443	0.0461	3.98	23.	9623

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number:
Page: 2

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	0.877	0.856	2.42	22.	2824
TPH (Gasoline Range)	mg/l	0.912	0.856	6.33	22.	9623
BTEX/GRO Surr., a,a,a-TFT	% Recovery		101.			2824
BTEX/GRO Surr., a,a,a-TFT	% Recovery		100.			9623

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0968	97	74 - 124	2824
Benzene	mg/l	0.100	0.0933	93	74 - 124	9623
Toluene	mg/l	0.100	0.0951	95	74 - 121	2824
Toluene	mg/l	0.100	0.0910	91	74 - 121	9623
Ethylbenzene	mg/l	0.100	0.0946	95	75 - 123	2824
Ethylbenzene	mg/l	0.100	0.0905	90	75 - 123	9623
Xylenes (Total)	mg/l	0.200	0.188	94	72 - 120	2824
Xylenes (Total)	mg/l	0.200	0.179	90	72 - 120	9623
Methyl-t-butylether	mg/l	0.100	0.0855	86	64 - 128	2824
Methyl-t-butylether	mg/l	0.100	0.0826	83	64 - 128	9623
TPH (Gasoline Range)	mg/l	1.00	0.877	88	61 - 139	2824
TPH (Gasoline Range)	mg/l	1.00	0.912	91	61 - 139	9623
BTEX/GRO Surr., a,a,a-TFT	% Recovery			96	69 - 132	2824
BTEX/GRO Surr., a,a,a-TFT	% Recovery			97	69 - 132	9623

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	9623	10/22/02	15:39

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Page: 3

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Benzene	< 0.0005	mg/l	2824	10/23/02	9:06
Toluene	< 0.0005	mg/l	9623	10/22/02	15:39
Toluene	< 0.0005	mg/l	2824	10/23/02	9:06
Ethylbenzene	< 0.0005	mg/l	9623	10/22/02	15:39
Ethylbenzene	< 0.0005	mg/l	2824	10/23/02	9:06
Xylenes (Total)	< 0.0005	mg/l	9623	10/22/02	15:39
Xylenes (Total)	< 0.0005	mg/l	2824	10/23/02	9:06
Methyl-t-butylether	< 0.0005	mg/l	9623	10/22/02	15:39
Methyl-t-butylether	< 0.0005	mg/l	2824	10/23/02	9:06
TPH (Gasoline Range)	< 0.0500	mg/l	9623	10/22/02	15:39
TPH (Gasoline Range)	< 0.0500	mg/l	2824	10/23/02	9:06

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	107.	% Recovery	9623	10/22/02	15:39
BTEX/GRO Surr., a,a,a-TFT	107.	% Recovery	2824	10/23/02	9:06

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 305498

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

365498

ExxonMobil

Consultant Name: TRC
Address: 5052 Commercial Circle
City/State/Zip: Concord, CA 94520
ExxonMobil Project Mgr: Gene Ortega
Telephone Number: 925-688-1200 Fax No.: 925-688-0388
Sampler Name: (Print) James Chidester
Sampler Signature: James Chidester

Report To: Chris Brown (TRC)
Invoice To: (ExxonMobil PM unless otherwise indicate)
Account #: 3879
PO #: 4501668059
Facility ID # 99-105
Site Address 6301 San Pablo Ave
City, State, Zip Oakland, CA 94608

Regulatory District (CA)

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX (8020)	* MTBE	TPH-G (8015)								RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW-2	10/14/02	1330	4	X			X		X						X						X	X	X		1	7	1	3	4	2			X	
MW-3	10/14/02	1345	↓	↓			↓		↓						↓						↓	↓	↓						4	3			↓	
MW-5	10/14/02	1400	↓	↓			↓		↓						↓						↓	↓	↓						4	4			↓	

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

Relinquished by:	Date	Time	Received by:	Date	Time
James Chidester	10/17/02	1400			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				10/18/02	0900

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

365498

ExxonMobil

Consultant Name: TRC
Address: 5052 Commercial Circle
City/State/Zip: Concord, CA 94520
ExxonMobil Project Mgr: Gene Ortega
Telephone Number: 925-688-1200 Fax No.: 925-688-0388
Sampler Name: (Print) James Chidester
Sampler Signature: James Chidester

Report To: Chris Brown (TRC)
Invoice To: (ExxonMobil PM unless otherwise indicate)
Account #: 3879
PO #: 4501668059
Facility ID #: 99-105
Site Address: 6301 San Pablo Ave
City, State, Zip: Oakland, CA 94608

Regulatory District (CA)

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX (8020)	MTBE *	TPH-G (8015)	1	7	1	3	4	2	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW-2	10/14/02	1330	4	X			X		X						X						X	X	X									X
MW-3	10/14/02	1345	↓	↓			↓		↓						↓						↓	↓	↓					4	3			↓
MW-5	10/14/02	1400	↓	↓			↓		↓						↓						↓	↓	↓		↓			4	4			↓
																									↓							

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

Relinquished by:	Date	Time	Received by:	Date	Time
James Chidester	10/17/02	1900			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				10/18/02	0900

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TESTAMERICA,INC.-NASHVILLE

COOLER RECEIPT FORM

Client: TRC BC#: 305498

Cooler Received On: 10/18/02 And Opened On: 10/18/02 By: Ben Wright

(Signature)

1. Temperature of Cooler when opened 1.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES NO N/A
   a. If yes, how many, what kind and where: 2 - TAPE - FRONT
   b. Were the seals intact, signed, and dated correctly?..... YES NO N/A
3. Were custody seals on containers and intact?..... NO YES N/A
4. Were custody papers inside cooler?..... YES NO N/A
5. Were custody papers properly filled out (ink,signed,etc)?..... YES NO N/A
6. Did you sign the custody papers in the appropriate place?..... YES NO N/A
7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
8. Was sufficient ice used (if appropriate)?..... YES NO N/A
9. Did all bottles arrive in good condition(unbroken)?..... YES NO N/A
10. Were all bottle labels complete (#,date,signed,pres,etc)?..... YES NO N/A
11. Did all bottle labels and tags agree with custody papers?..... YES NO N/A
12. Were correct bottles used for the analysis requested?..... YES NO N/A
13. a. Were VOA vials received?..... YES NO N/A
    b. Was there any observable head space present in any VOA vial?..... NO YES N/A
14. Was sufficient amount of sample sent in each bottle?..... YES NO N/A
15. Were correct preservatives used?..... YES NO N/A
    If not, record standard ID of preservative used here_____
16. Was residual chlorine present?..... NO YES N/A
17. Corrective action taken, if necessary:

See attached for resolution