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

September 4, 2002

[redacted]

Alameda County
SEP 16 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 Third Quarter 2002 Progress Report for the above-referenced site. The report, prepared by TRC of Concord, California, details the results of the July 12, 2002 sampling event.

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

Sincerely,

Gene Ortega
Territory Manager

Attachment: Third Quarter 2002 Progress Report

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

TRC

Customer-Focused Solutions

September 04, 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 Third Quarter 2002 Progress Report for the subject location prepared by TRC for ExxonMobil Oil Company. The contents of this report include:

- Quarterly Progress 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 Senior Engineer, 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
Third Quarter 2002

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

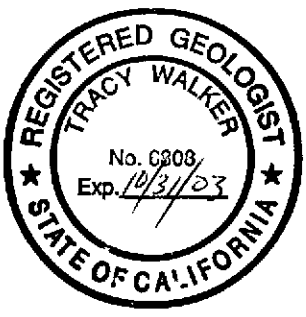
LOP: Alameda County Health Services

Number of water zones:	1	This Page	1
FIELD ACTIVITY:		Date Sampled:	12-Jul-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:			10.21 ft
Approximate elevation of potentiometric surface above Mean Sea Level:			31.56 ft
Average Increase/Decrease in ground water elevations since last sampling episode:		decrease:	-3.26 ft
Approximate flow direction and hydraulic gradient:		Southwest at:	0.09 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<0.3 to 350 ppb
Nature of contamination:	Gasoline		TPH-G: ND<50 to 3,940 ppb

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

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

Approved by: _____ Tracy L. Walker, RG, California RG #6808, Associate — Submittal Date: 8/21/02



TRC
Customer-Focused Solutions
9/3/02

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

TRC

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				

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-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

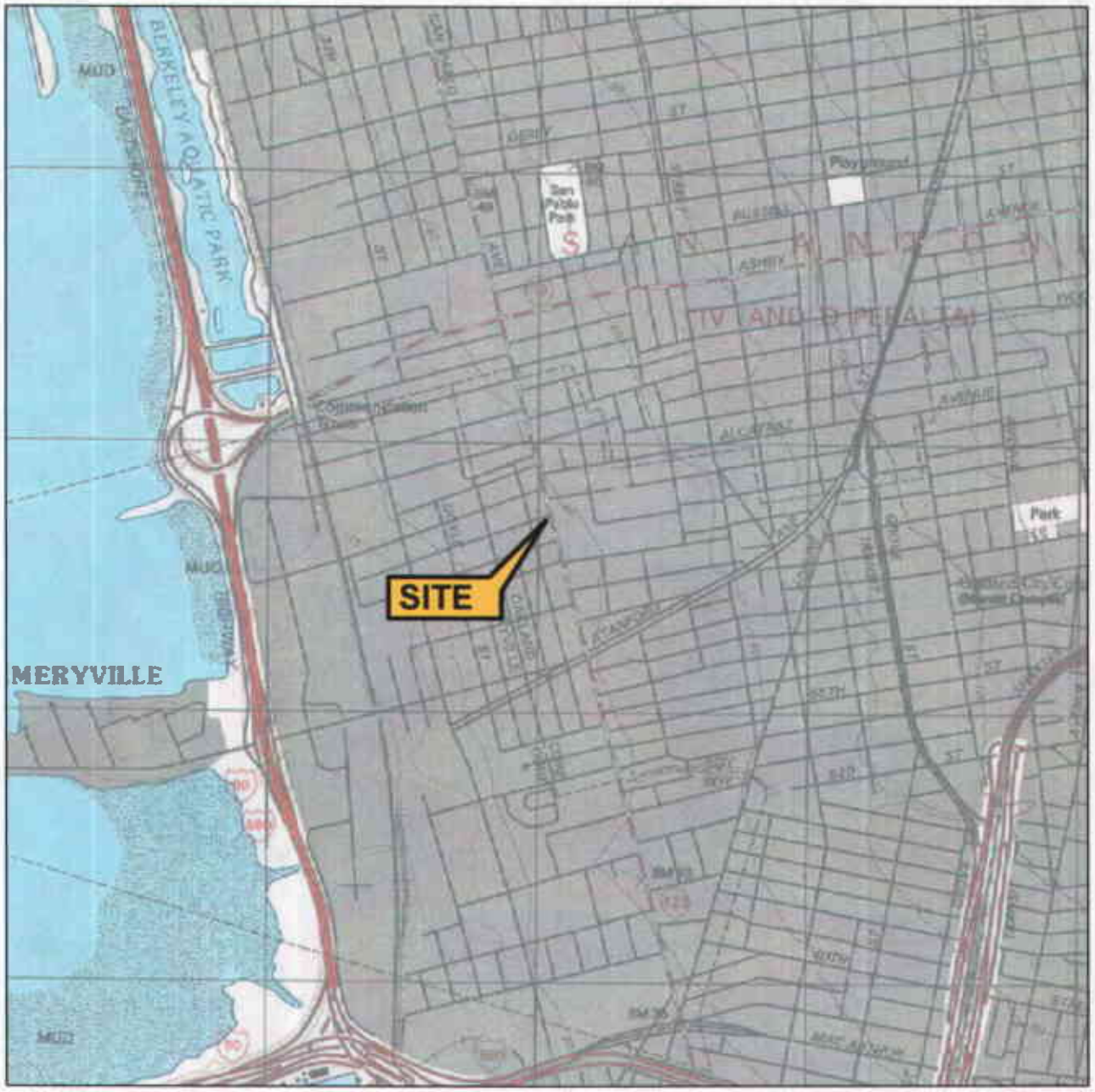
Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Product Thickness (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	Lead (ppb)	Dissolved Oxygen (mg/L)
MW-5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

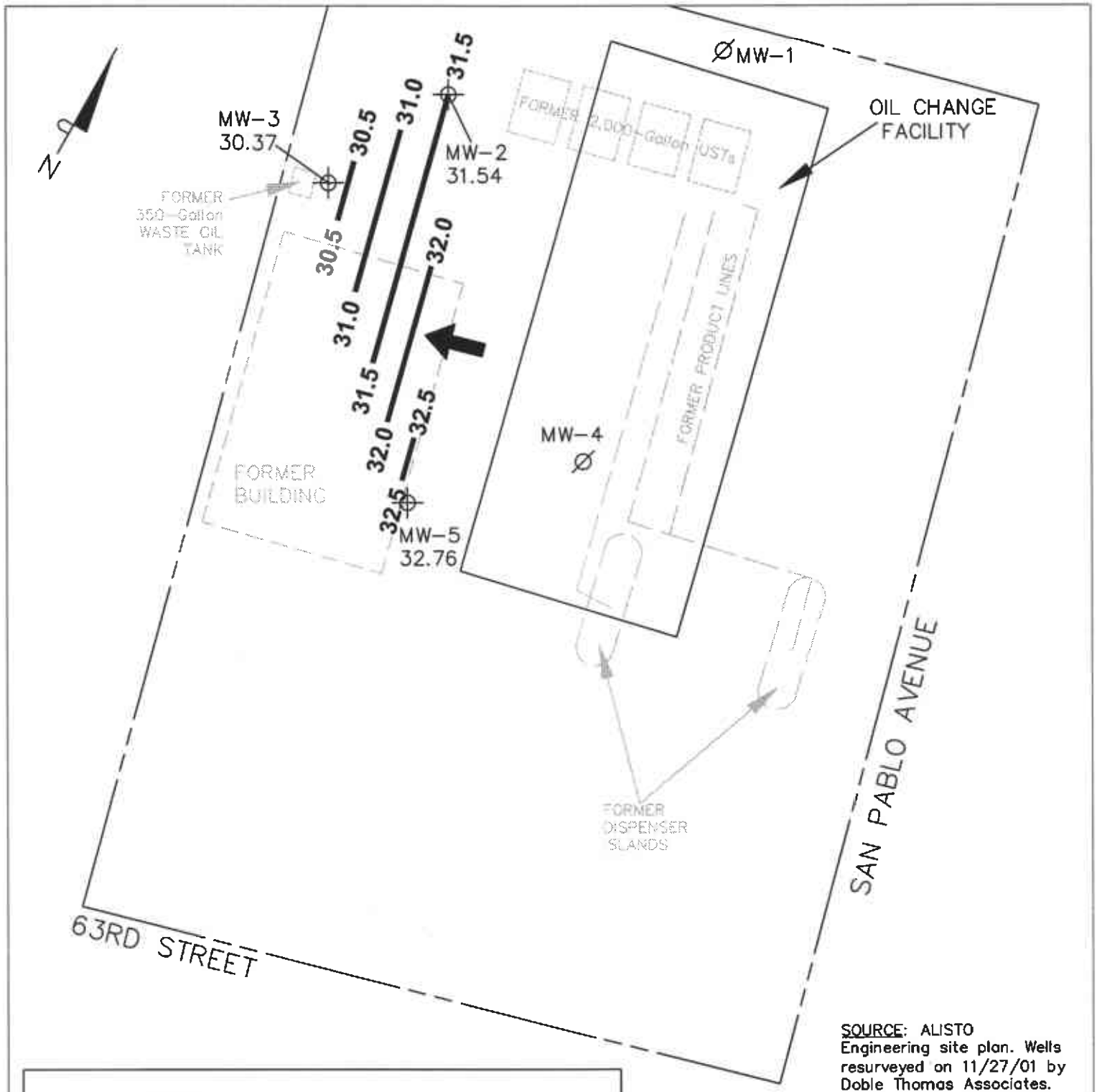
SOURCE:
United States Geological Survey
7.5 Minute Topographic Maps:
Oakland West Quadrangle

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.

SCALE (FEET)

0 20

LEGEND

MW-2 31.54	Monitoring Well Showing Groundwater Elevation (Feet Relative to Mean Sea Level – NGVD-1929)
Ø	Destroyed Well
30.5	Groundwater Elevation Contour Line
	General Direction of Groundwater Gradient

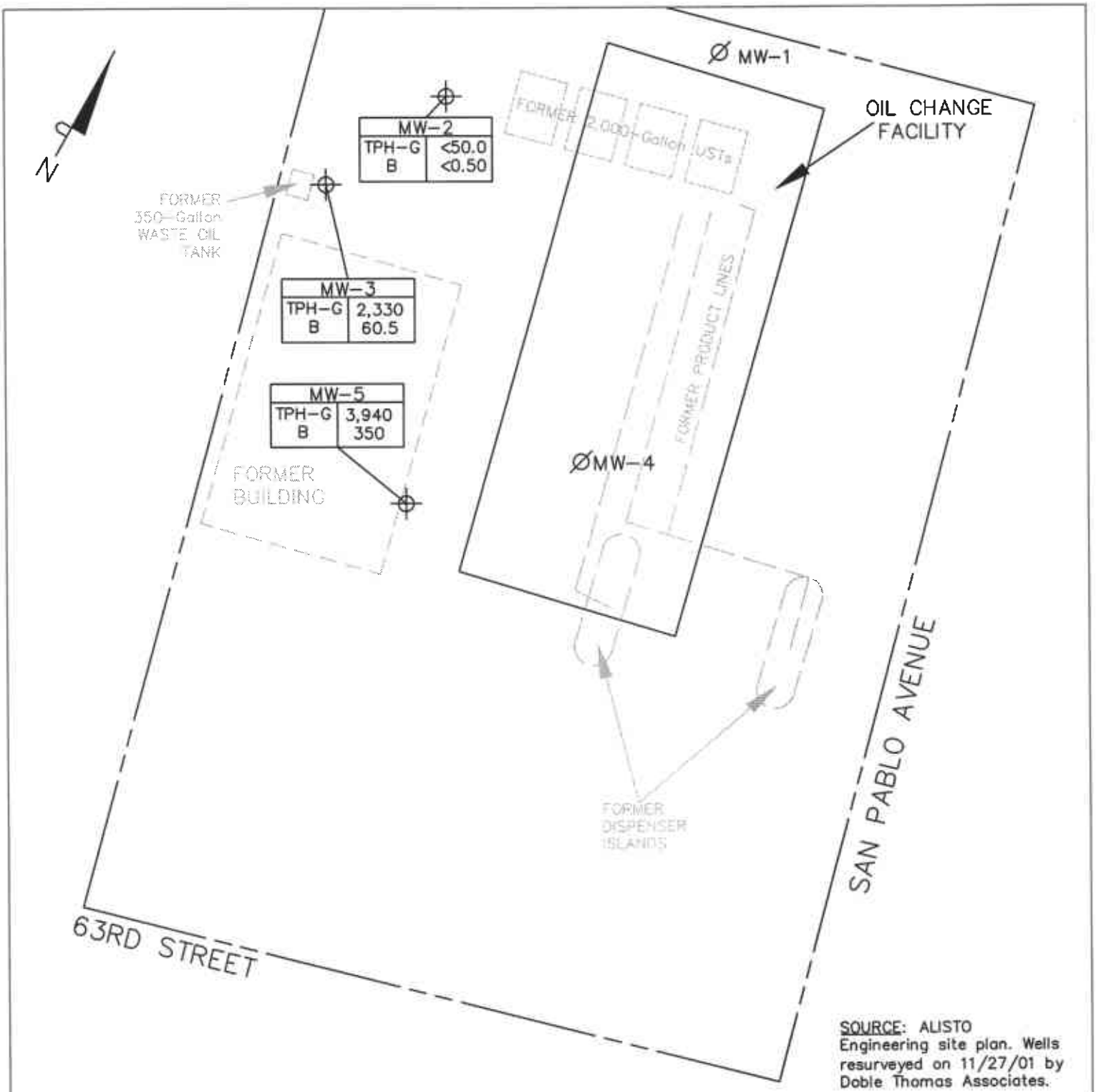
NOTES: Contour lines are interpretive based on fluid-level measurements taken on July 12, 2002. Contour interval = 0.5 foot.

GROUNDWATER ELEVATION CONTOUR MAP
July 12, 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 July 12, 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
July 12, 2002

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

TRC

FIGURE 3

EXHIBIT 4

WELL PURGING AND GROUNDWATER SAMPLING PROTOCOL

TRC

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.

TRC Alton Geoscience, Northern California Operations

FLUID MEASUREMENT FIELD FORM

Project No.: 41012376

Station No.: 99-105

TRC Alton Personnel: J. Chidester

Date: 7/12/02

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		10.45				18.90		4"
MW-3		11.34				18.46		4"
MW-5		8.83				20.53		4"

10/12/99

g:\general\forms\fluidfrm.xls

TRC Alton Geoscience, Northern California Operations

GROUND WATER SAMPLING FIELD NOTES

Site: 99-105 Project No.: 41012376 Sampled By: J. Chickester Date: 7/12/02

Well No. MW-2
Purge Method: 2" elec.
Total Depth (feet) 18.90
Depth to Product (feet): –
Depth to Water (feet): 10.45
Product Recovered (gallons): –
Water Column (feet): 8.45
Casing Diameter (Inches): 4"
80% Recharge Depth (feet): 12.14
1 Well Volume (gallons): 5.49

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
955				0.37	72.4	5.81
				0.34	69.3	5.77
	1005			0.34	67.4	6.01
			13			
	Total Purged		16.5	Time Sampled		1225

Comments: Ran Dry @ 13 gal.
Turbidity=

Well No. MW-3
Purge Method: 2" elec.
Total Depth (feet) 18.46
Depth to Product (feet): –
Depth to Water (feet): 11.34
Product Recovered (gallons): –
Water Column (feet): 7.12
Casing Diameter (Inches): 4"
80% Recharge Depth (feet): 12.76
1 Well Volume (gallons): 4.63

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1012				1.02	68.4	6.17
				0.94	68.5	6.21
	1019			1.03	68.2	6.30
			9			
	Total Purged		14	Time Sampled		1245

Comments: Ran Dry @ 9gal.
Turbidity=

Well No. MW-5
Purge Method: 2" elec.
Total Depth (feet) 20.53
Depth to Product (feet): –
Depth to Water (feet): 8.83
Product Recovered (gallons): –
Water Column (feet): 11.70
Casing Diameter (Inches): 4"
80% Recharge Depth (feet): 11.17
1 Well Volume (gallons): 7.60

Time Start	Time Stop	Depth To Water (feet)	Volume Purged gallons	Conductivity (uS/cm)	Temperature (F, C)	pH
1042				1.05	74.5	6.33
				1.00	70.4	6.45
	1053			0.99	69.5	6.44
	Total Purged		23	Time Sampled		1300

Comments:
Turbidity=

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

TRC

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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

2933343

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 ~~Kathryn Quinnell~~ (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

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
116990 MW-2	7/12/02	1225	4	X			X		X						X						X	X	X			X	
91 MW-3	↓	1245	↓	↓			↓		↓						↓						↓	↓	↓			↓	
92 MW-5	↓	1300	↓	↓			↓		↓						↓						↓	↓	↓				

Special Instructions: * Confirm highest MTBE by 8260

Please report with Hard Copy & EDD Format

Relinquished by:	Date	Time	Received by:	Date	Time
James Chidester	7/15/02	0800			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time

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# 293343

Cooler Received On: 7/17/02 And Opened On: 7/17/02 By: *Ben Wright*

(Signature)

1. Temperature of Cooler when opened 4.0 Degrees Celsius
2. Were custody seals on outside of cooler?.....(YES)...NO
   a. If yes, how many, what kind and where: 2-TAK-FRONT
3. Were custody seals on containers and intact?.....(NO)..YES
4. Were the seals intact, signed, and dated correctly?.....~~YES...NO~~ NA
5. Were custody papers inside cooler?.....(YES)...NO
6. Were custody papers properly filled out (ink,signed,etc)?.....(YES)...NO
7. Did you sign the custody papers in the appropriate place?.....(YES)...NO
8. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....(YES)..NO
10. Did all bottles arrive in good condition(unbroken)?.....(YES)..NO
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....(YES)..NO
12. Did all bottle labels and tags agree with custody papers?.....(YES)..NO
13. Were correct bottles used for the analysis requested?.....(YES)..NO
14. a. Were VOA vials received?.....(YES)...NO
    b. Was there any observable head space present in any VOA vial?.....(NO)...YES
15. Was sufficient amount of sample sent in each bottle?.....(YES)...NO
16. Were correct preservatives used?.....(YES)...NO
17. Was residual chlorine present?.....~~NO...YES~~ NA
18. Corrective action taken, if necessary:

    See attached for resolution

TestAmerica
INCORPORATED

7/31/02

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 99-105 EXXONMOBIL 99-105. The Laboratory Project number is 293343. 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-A116990	7/12/02
MW-3	02-A116991	7/12/02
MW-5	02-A116992	7/12/02

Report Approved By: E. S. Smith Report Date: 7/26/02

Laboratory Certification Number: 01168CA

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

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

Lab Number: 02-A116990
Sample ID: MW-2
Sample Type: Water
Site ID: 99-105

Date Collected: 7/12/02
Time Collected: 12:25
Date Received: 7/17/02
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	7/26/02	6:44	H. Wagner	8021B	8436
Ethylbenzene	ND	ug/L	0.5	1.0	7/26/02	6:44	H. Wagner	8021B	8436
Toluene	ND	ug/L	0.5	1.0	7/26/02	6:44	H. Wagner	8021B	8436
Xylenes (Total)	ND	ug/L	0.5	1.0	7/26/02	6:44	H. Wagner	8021B	8436
Methyl-t-butylether	ND	ug/L	0.5	1.0	7/26/02	6:44	H. Wagner	8021B	8436
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/26/02	6:44	H. Wagner	8015B	8436

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	89.	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: 99-105
Project Name: EXXONMOBIL 99-105
Sampler: JAMES CHIDESTER

Lab Number: 02-A116991
Sample ID: MW-3
Sample Type: Water
Site ID: 99-105

Date Collected: 7/12/02
Time Collected: 12:45
Date Received: 7/17/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	60.5	ug/L	0.5	1.0	7/26/02	7:15	H. Wagner	8021B	8436
Ethylbenzene	39.8	ug/L	0.5	1.0	7/26/02	7:15	H. Wagner	8021B	8436
Toluene	2.9	ug/L	0.5	1.0	7/26/02	7:15	H. Wagner	8021B	8436
Xylenes (Total)	50.9	ug/L	0.5	1.0	7/26/02	7:15	H. Wagner	8021B	8436
Methyl-t-butylether	15.4	ug/L	0.5	1.0	7/26/02	7:15	H. Wagner	8021B	8436
TPH (Gasoline Range)	2330	ug/L	50.0	1.0	7/26/02	7:15	H. Wagner	8015B	8436

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	134. #	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.
elevated btex surrogate due to sample matrix.
confirmed by repeat analysis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

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

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

Lab Number: 02-A116992
Sample ID: MW-5
Sample Type: Water
Site ID: 99-105

Date Collected: 7/12/02
Time Collected: 13:00
Date Received: 7/17/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	350.	ug/L	10.0	20.0	7/26/02	7:46	H. Wagner	8021B	8436
Ethylbenzene	268.	ug/L	10.0	20.0	7/26/02	7:46	H. Wagner	8021B	8436
Toluene	ND	ug/L	10.0	20.0	7/26/02	7:46	H. Wagner	8021B	8436
Xylenes (Total)	14.0	ug/L	10.0	20.0	7/26/02	7:46	H. Wagner	8021B	8436
Methyl-t-butylether	20.0	ug/L	10.0	20.0	7/26/02	7:46	H. Wagner	8021B	8436
TPH (Gasoline Range)	3940	ug/L	1000	20.0	7/26/02	7:46	H. Wagner	8015B	8436
VOLATILE ORGANICS									
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/31/02	12:12	T.Johnson	8260B	6518

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	95.	69. - 132.
VOA Surr 1,2-DCA-d4	97.	73. - 133.
VOA Surr Toluene-d8	98.	80. - 121.
VOA Surr, 4-BFB	94.	80. - 128.
VOA Surr, DBFM	97.	81. - 121.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A116992
Sample ID: MW-5
Project: 99-105

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.
8260 MTBE analysis performed from a vial with headspace.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 99-105
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	0.0480	0.0500	96	74. - 129.	8436	BLANK
Toluene	mg/l	< 0.0005	0.0471	0.0500	94	74. - 128.	8436	BLANK
Ethylbenzene	mg/l	< 0.0005	0.0477	0.0500	95	75. - 128.	8436	BLANK
Xylenes (Total)	mg/l	< 0.0005	0.0934	0.100	93	72. - 126.	8436	BLANK
Methyl-t-butylether	mg/l	< 0.0005	0.0451	0.0500	90	64. - 133.	8436	BLANK
TPH (Gasoline Range)	mg/l	< 0.0500	0.948	1.00	95	59. - 128.	8436	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				94	69. - 132.	8436	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0480	0.0477	0.63	15.	8436
Toluene	mg/l	0.0471	0.0470	0.21	15.	8436
Ethylbenzene	mg/l	0.0477	0.0475	0.42	15.	8436
Xylenes (Total)	mg/l	0.0934	0.0932	0.21	19.	8436
Methyl-t-butylether	mg/l	0.0451	0.0454	0.66	23.	8436
TPH (Gasoline Range)	mg/l	0.948	1.12	16.63	22.	8436
BTEX/GRO Surr., a,a,a-TFT	% Recovery		94.			8436

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0920	92	74 - 124	8436
Toluene	mg/l	0.100	0.0904	90	74 - 121	8436
Ethylbenzene	mg/l	0.100	0.0913	91	75 - 123	8436

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 99-105
Page: 2

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Xylenes (Total)	mg/l	0.200	0.179	90	72 - 120	8436
Methyl-t-butylether	mg/l	0.100	0.0918	92	64 - 128	8436
TPH (Gasoline Range)	mg/l	1.00	0.948	95	61 - 139	8436
BTEX/GRO Surr., a,a,a-TFT	% Recovery			96	69 - 132	8436

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	0.0436	87	66 - 137	6518

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	8436	7/25/02	19:21
Toluene	< 0.0005	mg/l	8436	7/25/02	19:21
Ethylbenzene	< 0.0005	mg/l	8436	7/25/02	19:21
Xylenes (Total)	< 0.0005	mg/l	8436	7/25/02	19:21
Methyl-t-butylether	< 0.0005	mg/l	8436	7/25/02	19:21
TPH (Gasoline Range)	< 0.0500	mg/l	8436	7/25/02	19:21

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	103.	% Recovery	8436	7/25/02	19:21

Project QC continued . . .

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 99-105

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Methyl-t-butyl ether	< 0.00050	mg/l	6518	7/31/02	9:51
VOA Surr 1,2-DCA-d4	98.	% Rec	6518	7/31/02	9:51
VOA Surr Toluene-d8	99.	% Rec	6518	7/31/02	9:51
VOA Surr, 4-BFB	109.	% Rec	6518	7/31/02	9:51
VOA Surr, DBFM	98.	% Rec	6518	7/31/02	9:51

- Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 293343

TestAmerica
INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 99-105
Page: 4

****
****
****
****

The previous group of samples has a request for additional testing based upon these results. See the chain of custody!

Do not destroy this sheet until login has requested the appropriate tests.

EXHIBIT 7

WASTE DISPOSAL MANIFEST

TO BE SUBMITTED UPON RECEIPT

TRC