

THRIFTY OIL CO.

ALCO
HAZMAT

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March 19, 1994

Ms. Susan L. Hugo
Alameda County Health Care Services
Dept. of Environmental Health
UST Local Oversight Program
80 Swan Way, Rm. 200
Oakland, CA 94621

RE: Thrifty Oil Co. Station #063
6125 Telegraph Avenue
Oakland, California 94609
Status Update - Remedial Activities

Dear Ms. Hugo,

This letter report presents the findings of groundwater monitoring, sampling and analyses performed at the subject site. In addition, the status of groundwater clean-up is discussed. The following sections present our findings and observations.

GROUNDWATER MONITORING AND SAMPLING

Since about July of 1991, groundwater depth measurements were generally obtained from the on-site wells on a monthly basis (Figure 1) by a representative from Earth Management Co. (EMC). An Oil Recovery Systems interface probe was used to collect depth to groundwater information. The depth to groundwater data was recorded by EMC on project status sheets. Copies of the field project status reports for each visit are presented in Appendix A.

In addition, several sets of groundwater samples have been collected from the site wells, MW-5 and MW-6. Each existing well was monitored for depth to groundwater and depth to well bottom by EMC personnel. The information was used to determine the casing volume of the wells. With the information, about three to four casing volumes of water were generally removed from two of the six wells using an air operated double-diaphragm pump and dedicated tubing. The purged water was placed in the on-site treatment system.

Samples were collected after groundwater had recovered to at least 80 percent of the initial level. Generally, no samples were collected from MW-1 through MW-4 due to the presence of hydrocarbon film on the water in these wells. The sampling device was a 350 cc teflon bailer, which was washed with an aqueous solution of Alconox, using the three bucket method, prior to each sample. The collected sample was transferred into laboratory supplied vials, labelled and chilled until delivery to American Analytics Laboratory or Smith-Emery Company for analysis. Each water sample was logged on a Chain-of-Custody form to be analyzed for total hydrocarbons (TPH) and volatile aromatic compounds (BETX) by EPA method 8015 and 602, respectively. Copies of the analytical reports and Chain-of-Custody cards are presented in Appendix B.



TREATMENT UNIT OPERATION

The groundwater treatment unit designed by WCC was installed and operational in April, 1991. At this time, groundwater is recovered from a six inch diameter well located down-gradient from the tank pit prior to being treated using activated carbon. Monthly sampling and analysis of the influent/effluent is being conducted by EMC and quarterly status reports submitted to East Bay Municipal Water District. To date, about 360,000 gallons of groundwater has been recovered, treated and discharge to the sewer.

FREE PRODUCT REMOVAL

In 1989, WCC reported the removal of about 14 gallons of free product through hand bailing. This practice was apparently discontinued due to the lack of appreciable product remaining on the water table in the wells. During EMC monitoring of the site, about 1.9 gallons of product was removed through hand bailing bringing the total to about 16 gallons.

FINDINGS

Prior to system start-up, depth to groundwater beneath the site ranged from 12.64 to 16.22 feet below ground surface. Based on the data collected and surveyed well head elevations by WCC, the groundwater flow direction was estimated to be westerly toward MW-4. Figure 1 presents a groundwater contour map prior to treatment system start-up. Figures 2 through 7 present groundwater contour maps a various times during treatment system operation. These figures clearly show the pumping depression near MW-3.

A summary of the analytical data of groundwater samples collected prior to and during system operation are included Table 1. Complete Analytical reports are included in Appendix B.

CLOSING

We will continue to monitor and sample the existing wells on a Quarterly basis in order to monitoring the clean-up progress. In addition, a workplan for off-site investigation west of MW-4 will be prepared. However, the April 16, 1994 deadline may not be possible as a site plan of the surrounding properties will be required to provide your office with an appropriate monitoring well location. An extension to the deadline of two weeks would be appreciated. Lastly, we are reviewing our files with regard to the closure of the waste oil tank. As soon as this information is retrieved, it will be forwarded to your office. If you have any questions, please contact me or Mr. Karl Kerner at (310) 923-9876.

Very truly yours,



Peter D'Amico
Manager
Environmental Affairs

cc: Luft Coord.
RWQCB-SF
2101 Webster St., Ste. 500
Oakland, CA 94612

TABLES

**TABLE 2 - Summary of Groundwater Monitoring Data
Thrifty Oil Co. Station #063
Oakland, California**

Well I.D.	Date	SWE	DTW	E-WATER	TPH	Benzene	Toluene	E-benzene	Xylenes
MW-1	11-21-86	99.34	15.42	83.92	NSC				
	07-22-91		20.41(Film)	78.93	LPH				
	07-15-92		18.90(Film)	80.44	LPH				
	01-06-93		14.93(Film)	84.41	LPH				
	07-13-93		15.44(Film)	83.90	LPH				
	10-11-93		20.36(Film)	78.98	LPH				
	01-11-94		19.50(Film)	79.84	LPH				
MW-2	11-21-86	100.01	14.99(0.11)	85.10	LPH				
	07-22-91		17.84(0.38)	82.45	LPH				
	07-15-92		16.37(Film)	83.64	LPH				
	01-06-93		12.37(Film)	87.64	LPH				
	07-13-93		15.19(Film)	84.82	LPH				
	10-11-93		18.05(0.10)	82.03	LPH				
	01-11-94		16.98(0.03)	83.05	LPH				
SWE	-	Surveyed well elevation, arbitrary datum established for MW-3. If LPH present, 0.755 specific gravity correction used for gasoline.							
DTW	-	Depth to water.							
TPH	-	Total petroleum hydrocarbons, EPA 5030/8015.							
E-Water	-	Elevation of water (specific gravity of 0.755 used for corrected depth if product present).							
-	-	No data recorded.							
NOTE: TPH and BTEX concentrations in ug/L.									

**TABLE 2 - Summary of Groundwater Monitoring Data
Thrifty Oil Co. Station #063
Oakland, California**

Well I.D.	Date	SWE	DTW	E-WATER	TPH	Benzene	Toluene	E-benzene	Xylenes
MW-3	11-21-86	99.76	16.25(0.10)	83.59	LPH	100	5.1	<1.0	25
	07-22-91		24.00	75.76	-				
	07-15-92		25.10(Film)	74.66	NSC				
	01-06-93		25.45	74.31	NSC				
	07-13-93		14.24	85.52	NSC				
	10-11-93		25.60	74.16	NSC				
	01-11-94		25.90	73.86	NSC				
MW-4	11-21-86	99.48	16.22(Film)	83.26	100000	3200	2700	2400	14000
	07-22-91		21.80(0.45)	78.02	LPH				
	07-15-92		19.27(Film)	80.21	LPH				
	01-06-93		14.08(Film)	85.40	LPH				
	07-13-93		16.09(Film)	83.39	LPH				
	10-11-93		21.33(Film)	78.15	LPH				
	01-11-94		20.45(Film)	79.03	LPH				
SWE	-	Surveyed well elevation, arbitrary datum established for MW-3. If LPH present, 0.755 specific gravity correction used for gasoline.							
DTW	-	Depth to water.							
TPH	-	Total petroleum hydrocarbons, EPA 5030/8015.							
E-Water	-	Elevation of water (specific gravity of 0.755 used for corrected depth if product present).							
--	-	No data recorded.							
NOTE: TPH and BTEX concentrations in ug/L									

**TABLE 2 - Summary of Groundwater Monitoring Data
Thrifty Oil Co. Station #063
Oakland, California**

Well I.D.	Date	SWE	DTW	E-WATER	TPH	Benzene	Toluene	E-benzene	Xylenes
MW-5	11-21-86	100.98	16.10	84.88	<1000	4.8	2.1	<0.5	7.4
	07-22-91		18.20	82.78	--	<0.5	1.6	<1.0	2.0
	01-22-92		--		600	21.0	8.0	2.0	17.0
	07-15-92		17.29	83.69	<200	<0.5	<0.5	<0.5	<0.5
	01-06-93		13.12	87.86	300	2.7	<0.5	1.3	26.0
	07-13-93		16.15	84.83	<100	1.1	0.5	1.0	1.5
	10-11-93		18.75	82.23	130	1.2	<0.3	<0.3	<0.6
	01-11-94		17.80	83.18	<50	1.5	<0.3	<0.3	<0.5
MW-6	11-21-86	99.44	12.64	86.80	<1000	<2.0	<2.0	<2.0	<2.0
	07-22-91		--	--	NSC				
	01-22-92		--	--	<200	<0.5	<0.5	<0.5	1.5
	07-15-92		13.29	86.15	<200	<0.5	<0.5	<0.5	<0.5
	01-06-93		10.87	88.57	<200	<0.5	<0.5	<0.5	<1.0
	07-13-93		13.10	86.34	<100	<0.5	<0.5	<0.5	<1.0
	10-11-93		14.43	85.01	<60	<0.3	<0.3	<0.3	<0.6
	01-11-94		13.56	85.88	<50	<0.3	<0.3	<0.3	<0.5

SWE - Surveyed well elevation, arbitrary datum established for MW-3. If LPH present, 0.755 specific gravity correction used for gasoline.

DTW - Depth to water.

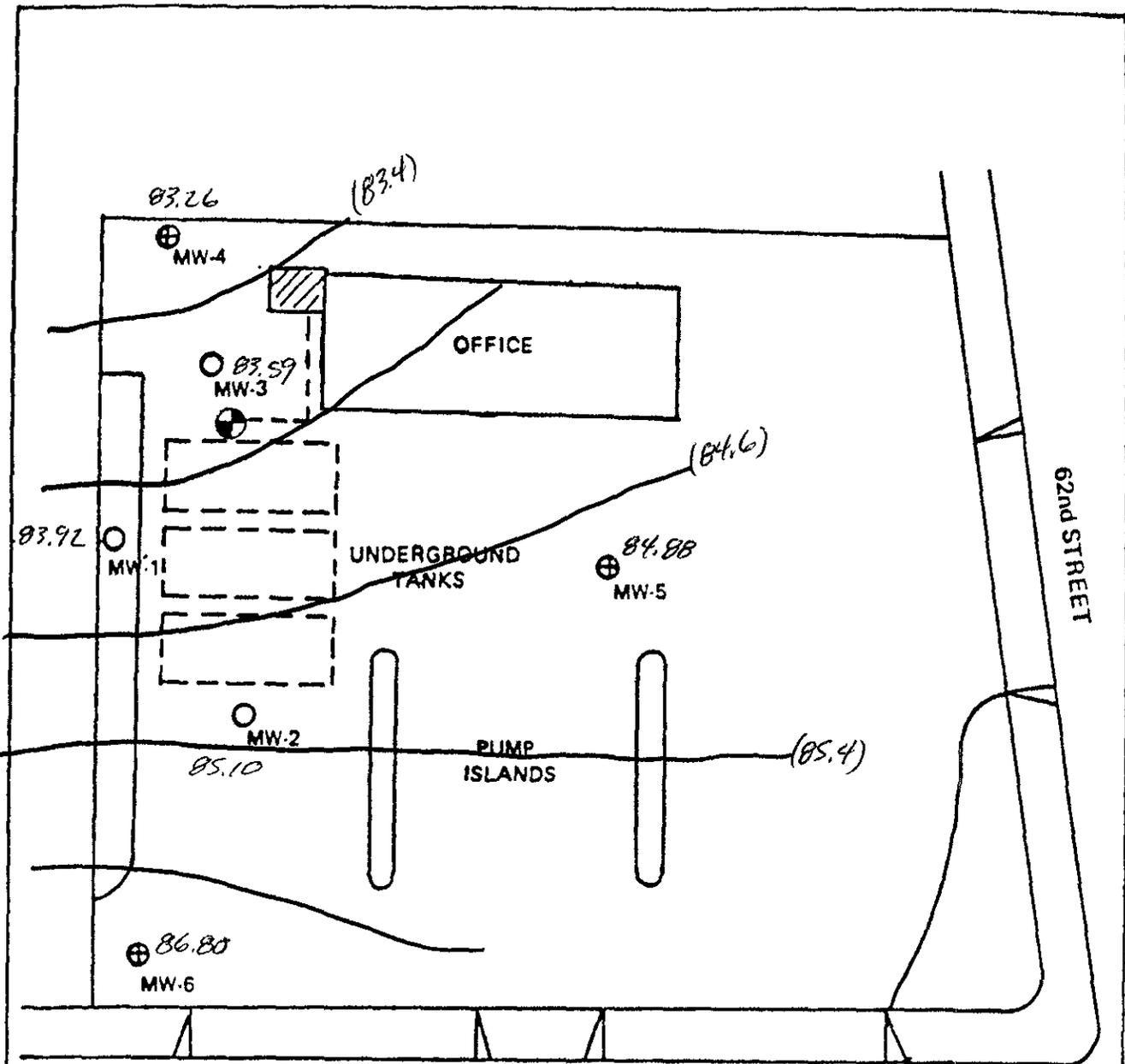
TPH - Total petroleum hydrocarbons, EPA 5030/8015.

E-Water - Elevation of water (specific gravity of 0.755 used for corrected depth if product present).

-- - No data recorded.

NOTE: TPH and BTEX concentrations in ug/L.

FIGURES



LEGEND

- MW-1 GT Monitoring Wells
- ⊕ MW-4 WCC Monitoring Wells

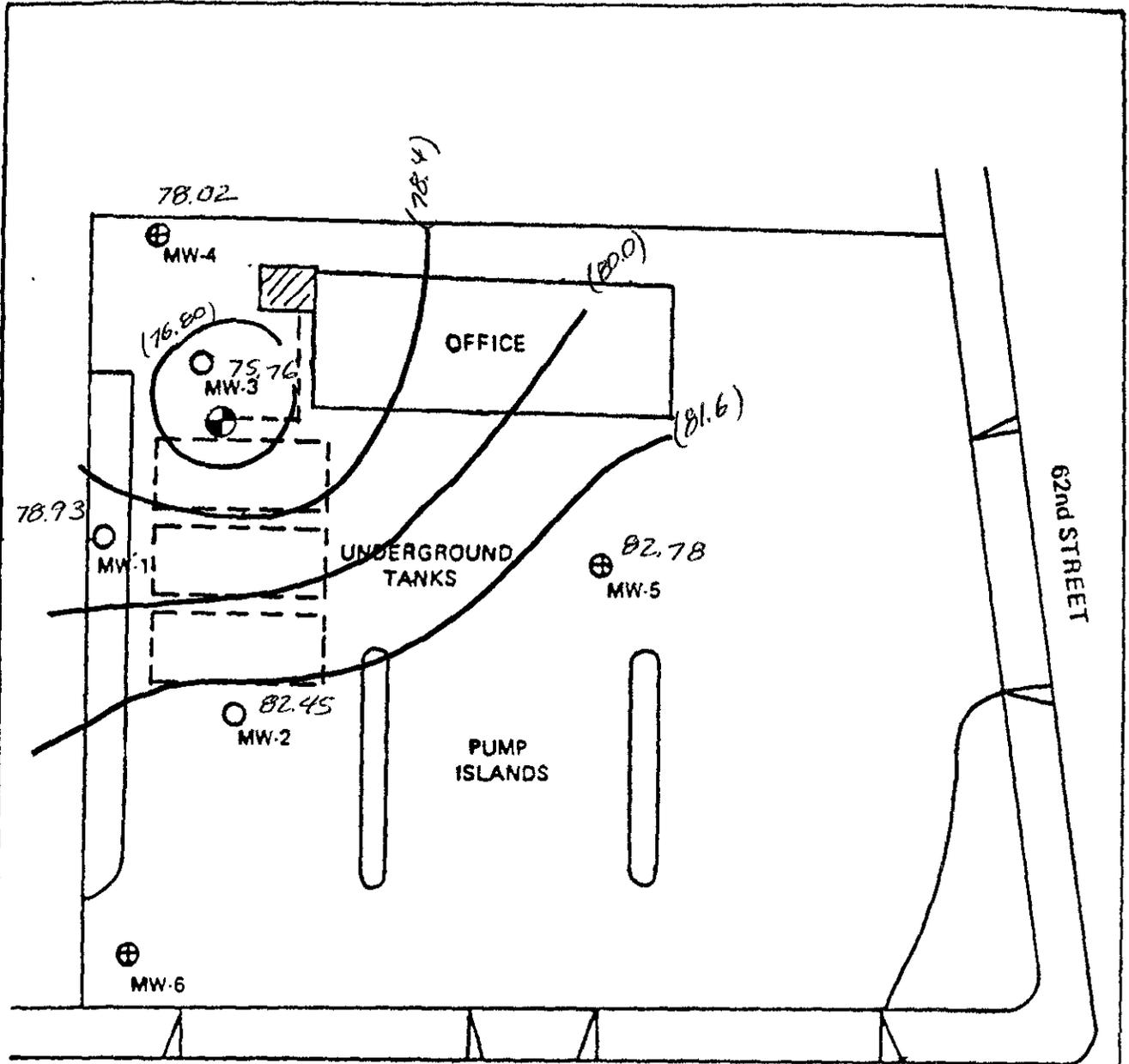


(GROUNDWATER CENTER, 11/21/86



SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



LEGEND

- MW-1 GT Monitoring Wells
- ⊕ MW-4 WCC Monitoring Wells

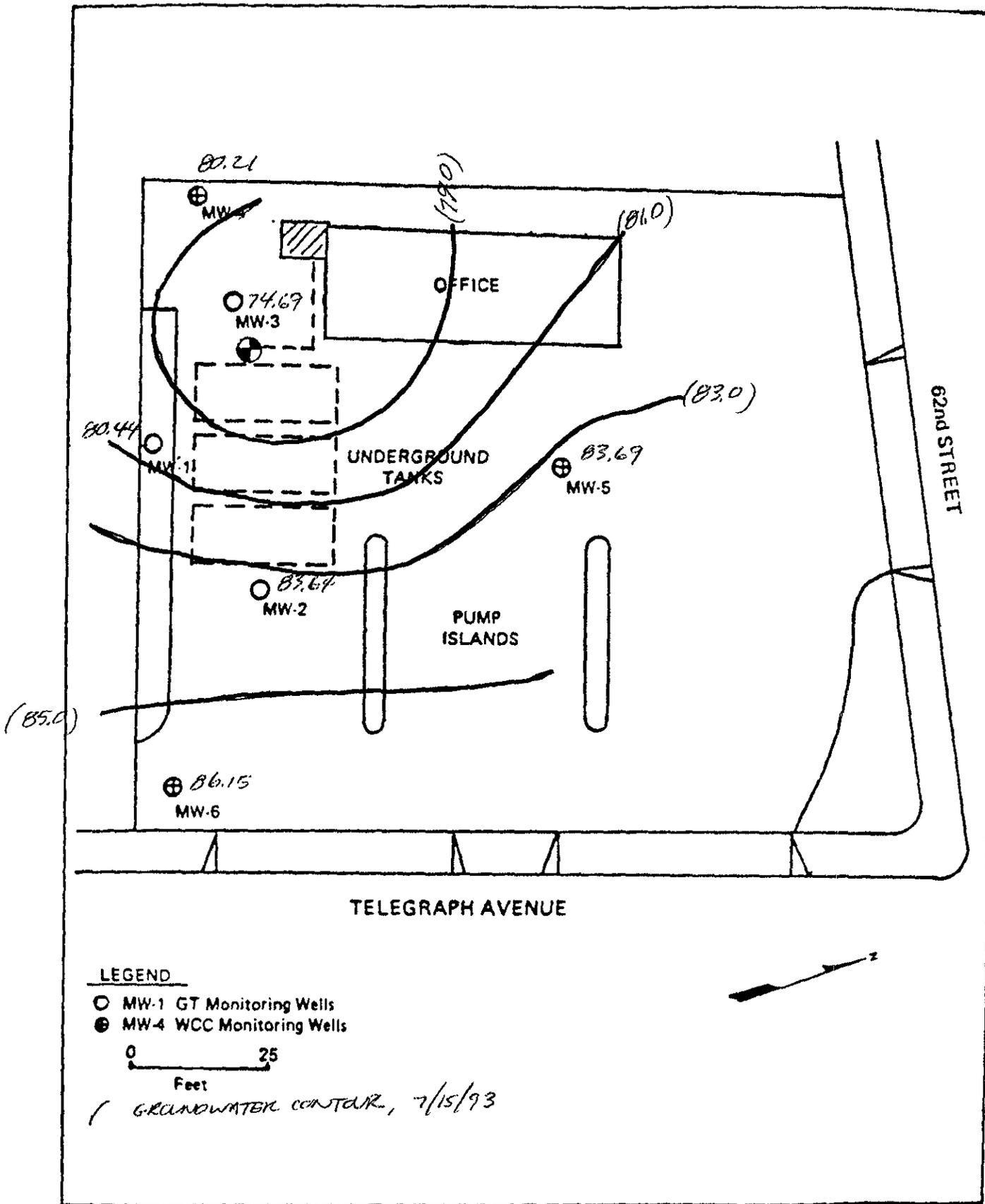


(GROUNDWATER CONTOUR, 7/22/91)



SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



LEGEND

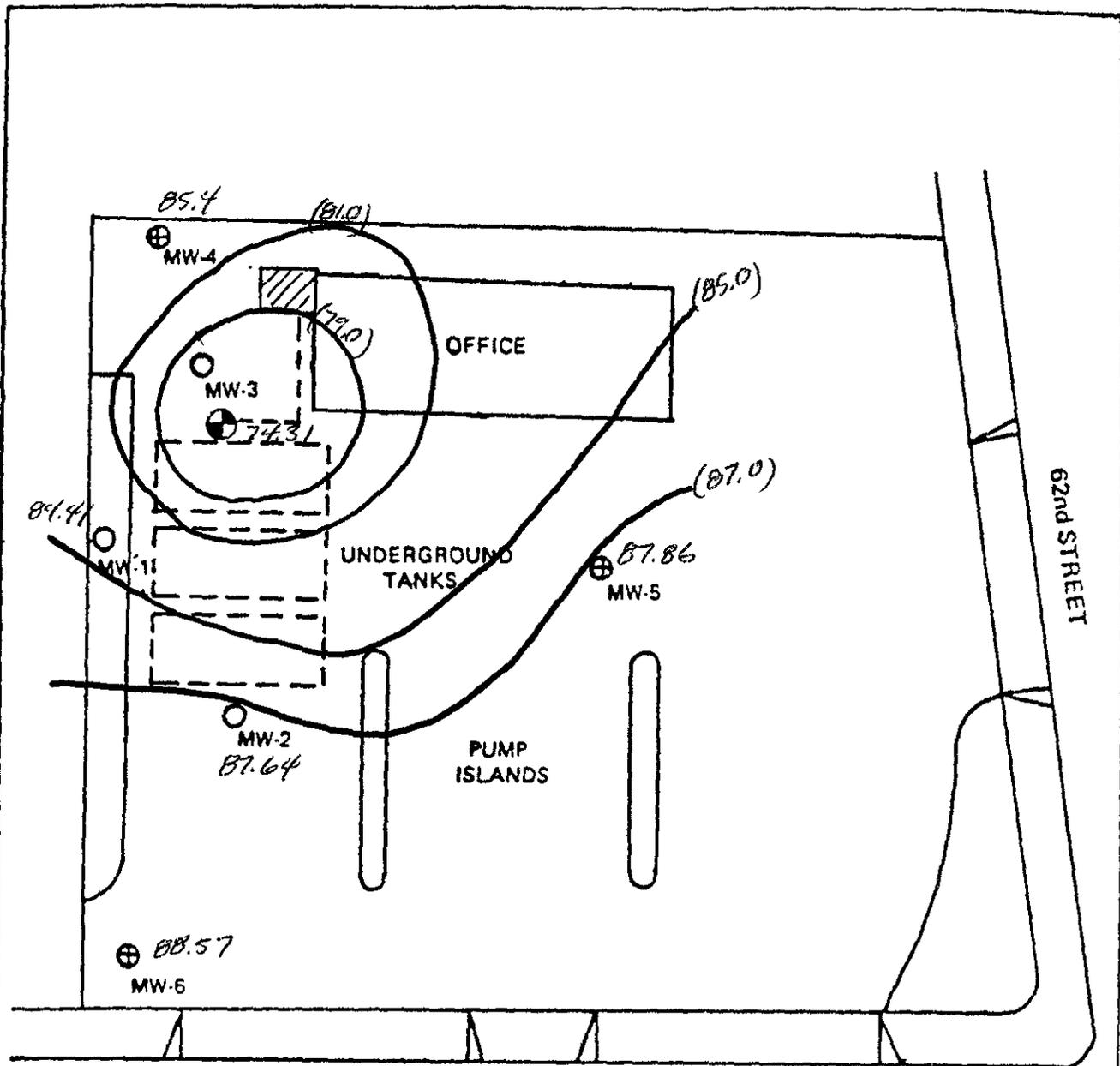
- MW-1 GT Monitoring Wells
- ⊕ MW-4 WCC Monitoring Wells



(GRUNDWATER CONTOUR, 7/15/93

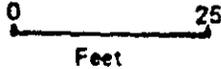
SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



LEGEND

- MW-1 GT Monitoring Wells
- MW-4 WCC Monitoring Wells

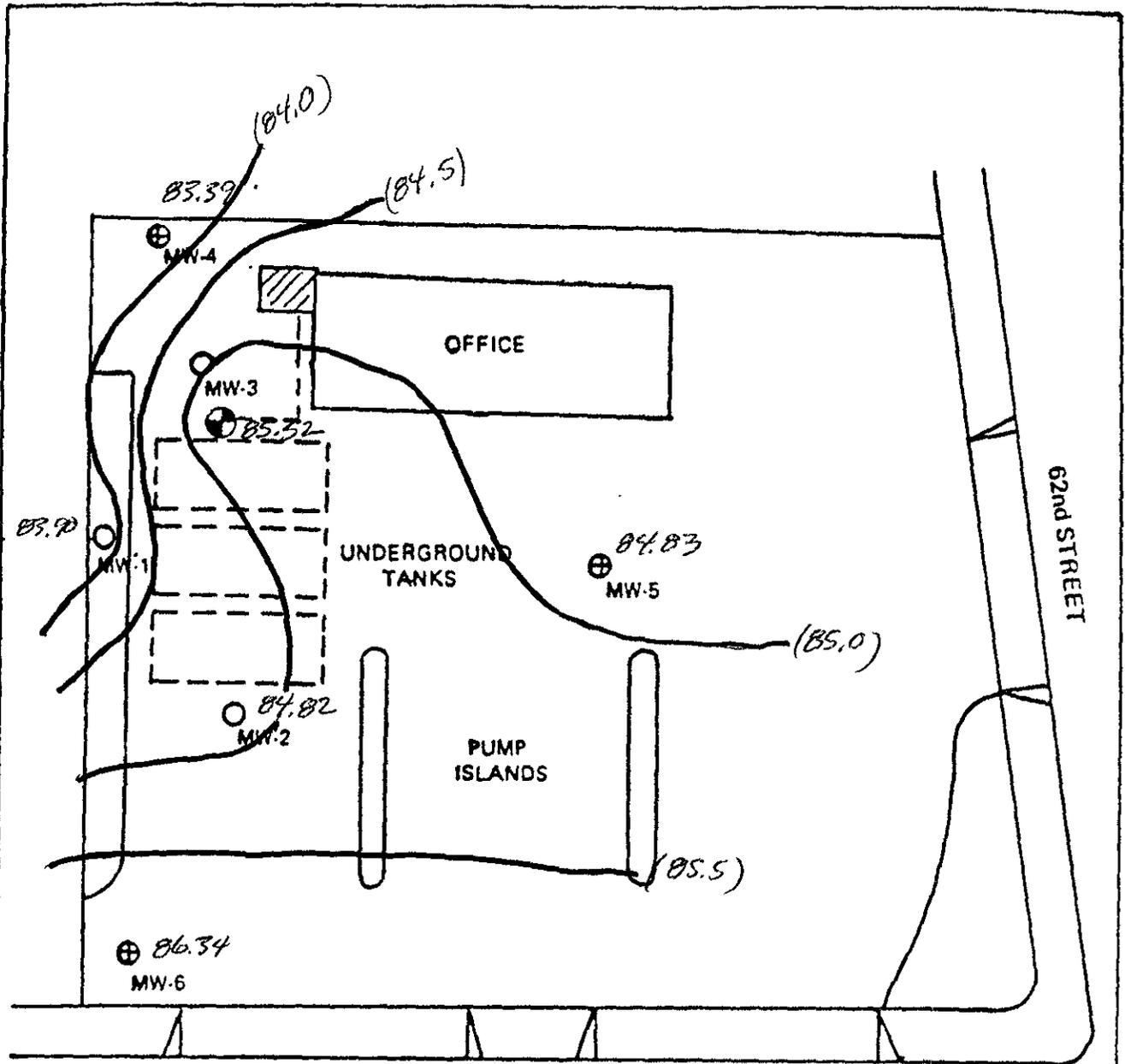


(GROUNDWATER CONTOUR, 01/06/93



SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



LEGEND

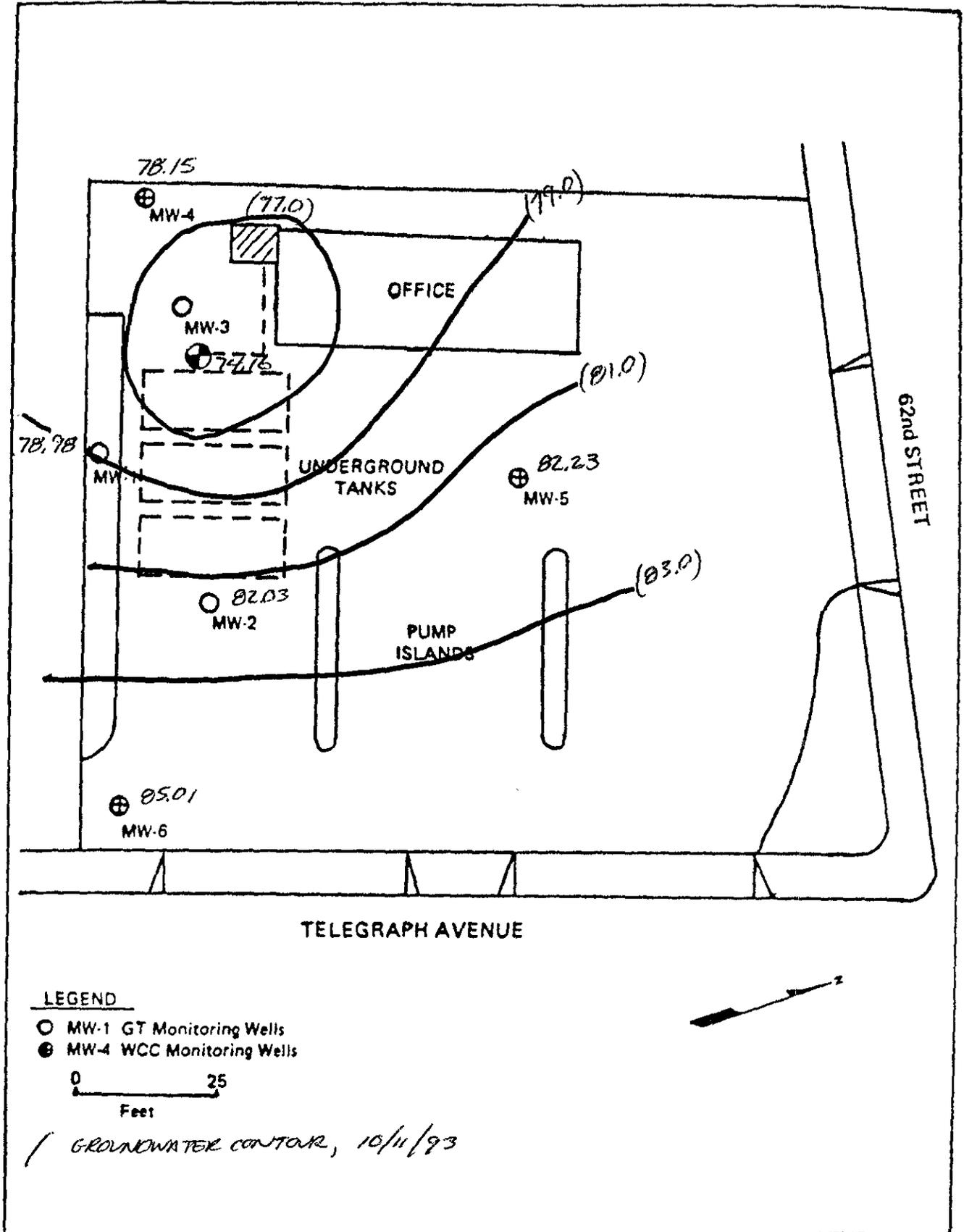
- MW-1 GT Monitoring Wells
- ⊕ MW-4 WCC Monitoring Wells



(GROUNDWATER CONTOUR, 01/13/93

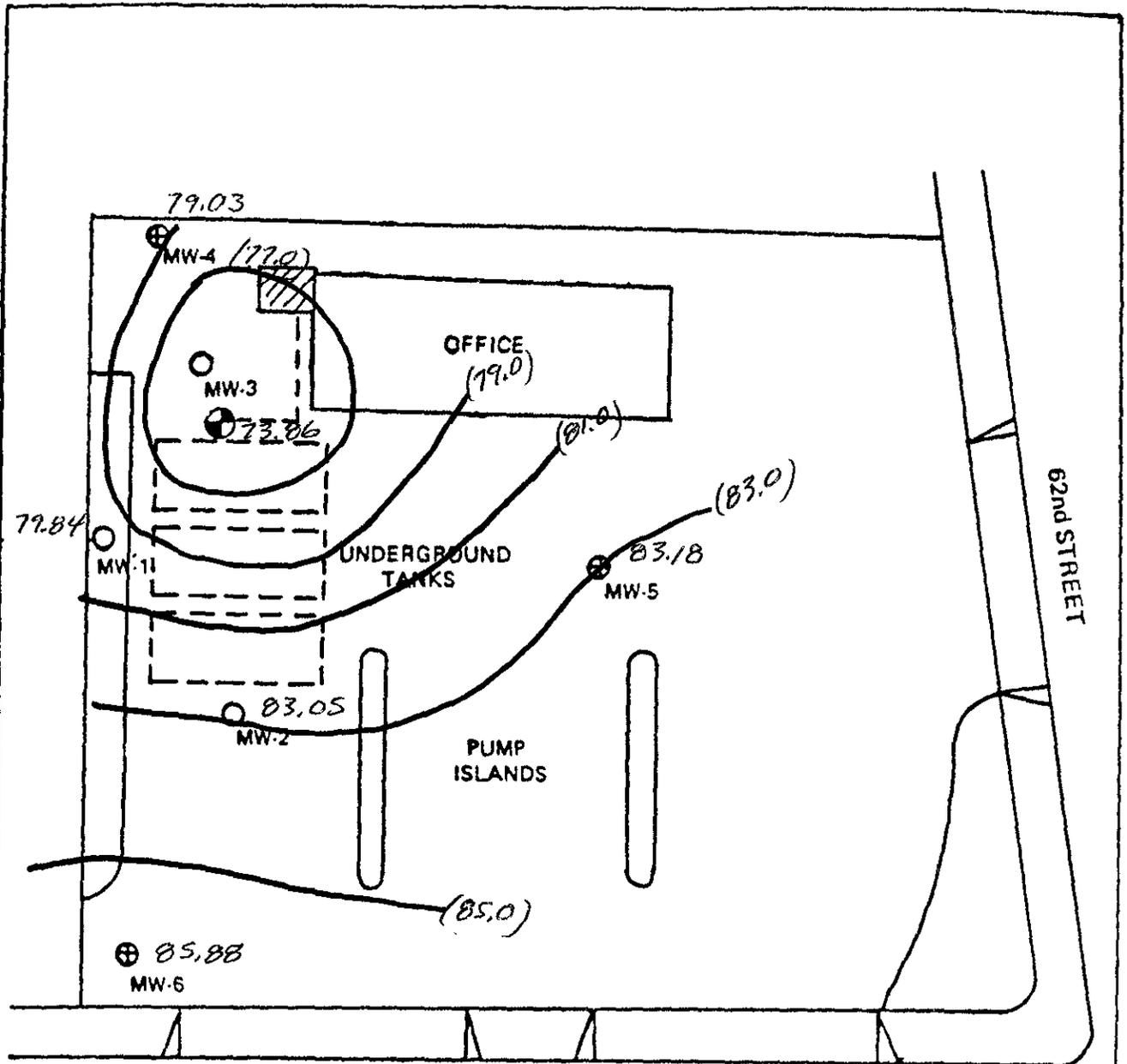
SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants



LEGEND

- MW-1 GT Monitoring Wells
- MW-4 WCC Monitoring Wells



GROUNDWATER CONTOUR, 1/11/94



SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

Woodward-Clyde Consultants

APPENDIX A



PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #063
6125 TELEGRAPH AVENUE
OAKLAND, CA 94609
DATE: 8 22 1991

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
M O N T H L Y												
MW-1	19.78	SHREIV	SHREN			X	-	-	-	X	-	-
MW-2	17.66	17.44	0.22			X	-	-	X	-	-	-
MW-3	23.					-	X	-	-	X	-	-
MW-4	20.90	20.73	0.17			X	-	-	X	-	-	-
MW-5	18.24					-	X	-	-	X	-	-

E X P L A N A T I O N

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. <u>0.1</u> GALLONS	WATER REMOVED: APPROX. <u>2</u> GALLONS
DATA RECORDED BY: <u>EUGENIU GASMAN</u>	INPUT BY: <u>M.M.</u>



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 10.24.1991

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	19.06	SHEEN				-	-	✓	-	✓	-	-
MW-2	17.00	16.97				✓	-	-	✓	-	-	-
MW-3	18.10					-	✓	-	-	✓	-	-
MW-4	20.02	SHEEN				-	-	✓	-	✓	-	-
MW-5	17.67					-	✓	-	-	✓	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. <u>0.1</u> GALLONS	WATER REMOVED: APPROX. <u>2</u> GALLONS
DATA RECORDED BY: <u>E. GASMAN</u>	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 11.12.1991

OBSERVATION WELLS

NO.	DTW	DTP	PT		DTB	DIA.	ODORS			F/P			
							YES	NO	S	YES	NO		
MONTHLY													
MW-1	18.91	STEEN					X	-	-	-	X	-	-
MW-2	18.82	Film					X	-	-	-	X	-	-
MW-3	25.80						-	X	-	-	X	-	-
MW-4	20.00	Film					X	-	-	-	X	-	-
MW-5	17.80						-	X	-	-	X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. <u>0.5</u> GALLONS	WATER REMOVED: APPROX. <u>2</u> GALLONS
DATA RECORDED BY: <u>E. CASMAN</u>	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 12-11-1991

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	19.02	GREEN						X		X	-	-
MW-2	16.97	16.96				X			X		-	-
MW-3	25.70						X			X	-	-
MW-4	20.03	Film				X				X	-	-
MW-5	17.73						X			X	-	-
MW-6	13.57			27.52	4"		X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE DTP - DEPTH TO PRODUCT FROM SURFACE

PT - PRODUCT THICKNESS S - SLIGHT

MEASUREMENTS IN FEET

REMARKS: _____

FREE PRODUCT REMOVED: APPROX. 0.1 GALLONS WATER REMOVED: APPROX. 3 GALLONS

DATA RECORDED BY: E. GASMAN INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: JANUARY 09, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	18.57	SHEEN				-	-	X	-	X	-	-
MW-2	15.85	15.81				X	-	-	X	-	-	-
MW-3	25.78					-	X	-	-	X	-	-
MW-4	19.55	FILM				X	-	-	-	X	-	-
MW-5	16.30					-	X	-	-	X	-	-
MW-6	12.73					-	X	-	-	X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. 0.01 GALLONS	WATER REMOVED: APPROX. 3.00 GALLONS
DATA RECORDED BY: EUGENIU GASMAN	INPUT BY: R.K.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: JANUARY 22, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	18.78	SHEEN				-	-	X	-	X	-	-
MW-2	16.72	FILM				X	-	-	-	X	-	-
MW-3	25.80	SHEEN				-	-	X	-	X	-	-
MW-4	19.78	SHEEN				-	-	X	-	X	-	-
MW-5						-	X	-	-	X	-	-
MW-6						-	X	-	-	X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. 0.01 GALLONS	WATER REMOVED: APPROX. 7.00 GALLONS
DATA RECORDED BY: EUGENIU GASMAN	INPUT BY: R.K.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: FEBRUARY 11, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
MONTHLY											
MW-1	15.95	SHEEN				X	-	X	-	X	-
MW-2	11.24	11.20	.04			X	-	-	X	-	-
MW-3	25.00					-	X	-	-	X	-
MW-4	16.40	FILM				X	-	-	-	X	-
MW-5	14.20					-	X	-	-	X	-
MW-6	7.60					-	X	-	-	X	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE DTP - DEPTH TO PRODUCT FROM SURFACE

PT - PRODUCT THICKNESS S - SLIGHT

MEASUREMENTS IN FEET

REMARKS: _____

FREE PRODUCT REMOVED: APPROX. 0.1 GALLONS WATER REMOVED: APPROX. 3.00 GALLONS

DATA RECORDED BY: EUGENIU GASMAN INPUT BY: R.K.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: MARCH 24, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	13.55	SHEEN				-	-	X	-	X	-	-
MW-2	11.98	15.81	3.83			X	-	-	X	-	-	-
MW-3	15.60					-	-	X	-	X	-	-
MW-4	13.94	FILM				X	-	-	-	X	-	-
MW-5	12.98					-	X	-	-	X	-	-
MW-6	10.04					-	X	-	-	X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX.0.03 GALLONS	WATER REMOVED: APPROX.5.00 GALLONS
DATA RECORDED BY: EUGENIU GASMAN	INPUT BY: R.K.



PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #063
6125 TELEGRAPH AVENUE
OAKLAND, CA 94609
DATE: APRIL 13, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	18.54	SHEEN				-	-	X	-	X	-	-
MW-2	15.62	SHEEN				-	-	X	-	X	-	-
MW-3	25.80	SHEEN				-	-	X	-	X	-	-
MW-4	19.42	FILM				X	-	-	X	-	-	-
MW-5	16.36					-	X	-	-	X	-	-
MW-6	12.30					-	X	-	-	X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE		
PT - PRODUCT THICKNESS	S - SLIGHT		
MEASUREMENTS IN FEET			
REMARKS: _____			
FREE PRODUCT REMOVED: APPROX. 0.01 GALLONS		WATER REMOVED: APPROX. 3.00 GALLONS	
DATA RECORDED BY: EUGENIU GASMAN		INPUT BY: R.K.	

IMENT CO.
at Remediation

PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: MAY 11, 1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
M O N T H L Y												
MW-1	18.14	TRACE					-	X		X	-	-
MW-2	15.47	TRACE					-	X		X	-	-
MW-3	25.41	TRACE					-	X		X	-	-
MW-4	18.10	TRACE					-	-		-	-	-
MW-5	16.10						X	-		X	-	-
MW-6	13.28						X	-		X	-	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. 0.00 GALLONS	WATER REMOVED: APPROX. 0.00 GALLONS
DATA RECORDED BY: EUGENIU GASMAN	INPUT BY: R.K.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 7/15/92

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
MONTHLY											
MW-1	18.90	SHEEN						X		X	-
MW-2	16.37	FILM				X			X		-
MW-3	25.10	SHEEN						X		X	-
MW-4	19.27	SHEEN						X		X	-
MW-5	17.29						X			X	-
MW-6	13.29						X			X	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. _____ GALLONS	WATER REMOVED: APPROX. <u>61</u> GALLONS
DATA RECORDED BY: <u>E. GASMAN</u>	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 10/5/1992

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
	MONTHLY											
MW-1	20.50	FILM				X				X	-	-
MW-2	18.41	18.09				X			X		-	-
MW-3	25.20						X			X	-	-
MW-4	21.44	FILM				X				X	-	-
MW-5	18.92						X			X	-	-
MW-6	14.69						X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE DTP - DEPTH TO PRODUCT FROM SURFACE
 PT - PRODUCT THICKNESS S - SLIGHT
 MEASUREMENTS IN FEET
 REMARKS: _____

 FREE PRODUCT REMOVED: APPROX. _____ GALLONS WATER REMOVED: APPROX. _____ GALLONS
 DATA RECORDED BY: E. GASMAN INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 11.9.92

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P				
						YES	NO	S	YES	NO			
	MONTHLY												
MW-1	19.21	SHEEN						X		X	-	-	
MW-2	17.07	FILM						X		X	-	-	
MW-3	25.40							X		X	-	-	
MW-4	20.10	SHEEN						X		X	-	-	
MW-5	17.75							X		X	-	-	
MW-6	13.60							X		X			

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS:	
FREE PRODUCT REMOVED: APPROX. ___ GALLONS	WATER REMOVED: APPROX. ___ GALLONS
DATA RECORDED BY: <u>E. GARMAN</u>	INPUT BY: <u>M.M.</u>



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 11.12.1991

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
MONTHLY											
MW-1	18.91	SHREY				X	-	-	-	X	-
MW-2	18.82	Film				X	-	-	-	X	-
MW-3	25.80					-	X	-	-	X	-
MW-4	20.00	Film				X	-	-	-	X	-
MW-5	17.80					-	X	-	-	X	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. <u>0.0</u> GALLONS	WATER REMOVED: APPROX. <u>2</u> GALLONS
DATA RECORDED BY: <u>E. CASMAN</u>	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 3.8.1993

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	12.10	GREEN						X		X	-	-
MW-2	11.08	11.05				X			X		-	-
MW-3	25.10	GREEN						X		X	-	-
MW-4	12.40	GREEN					X	X		X	-	-
MW-5	12.34						X			X	-	-
MW-6	10.91						X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS:	
FREE PRODUCT REMOVED: APPROX. ___ GALLONS	WATER REMOVED: APPROX. ___ GALLONS
DATA RECORDED BY: E. GARMAN	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 4.26.93

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
	MONTHLY										
MW-1	13.20	SHEN					X			X	-
MW-2	12.70	12.64				X			X		-
MW-3											-
MW-4	13.85	SHEX					X			X	-
MW-5	13.84						X			X	-
MW-6	11.45						X			X	

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: <u>MONTHLY SAMPLING</u>	
FREE PRODUCT REMOVED: APPROX. <u>0.0</u> GALLONS	WATER REMOVED: APPROX. <u> </u> GALLONS
DATA RECORDED BY: <u>E. GARMAN</u>	INPUT BY: <u>M.M.</u>



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 10/09/93

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	18.30	SHEEN									-	-
MW-2	14.78	Film									-	-
MW-3	25.07										-	-
MW-4	19.50	Film									-	-
MW-5	16.02										-	-
MW-6	10.90											

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: _____	
FREE PRODUCT REMOVED: APPROX. _____ GALLONS	
WATER REMOVED: APPROX. _____ GALLONS	
DATA RECORDED BY: <u>E. GASMAY</u>	INPUT BY: <u>M.M.</u>



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609

DATE: 11/12/93

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
	MONTHLY										
MW-1	19.98	SPEEN						X		X	-
MW-2	17.70	17.65				X			X		-
MW-3	25						X				-
MW-4	20.92	Film					X			X	-
MW-5	18.50					X				X	-
MW-6	15.80						X			X	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE
 DTP - DEPTH TO PRODUCT FROM SURFACE
 PT - PRODUCT THICKNESS
 S - SLIGHT
 MEASUREMENTS IN FEET
 REMARKS: _____

 FREE PRODUCT REMOVED: APPROX. _____ GALLONS
 WATER REMOVED: APPROX. _____ GALLONS
 DATA RECORDED BY: E. GASMAN
 INPUT BY: M.M.



PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #063
6125 TELEGRAPH AVENUE
OAKLAND, CA 94609
DATE: 02/10/94

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
M O N T H L Y												
MW-1	12.90	12.86				X			Y		-	-
MW-2	15.23	SHEEN						Y		Y	-	-
MW-3	25.10							Y		Y	-	-
MW-4	15.86	SHEEN						Y		Y	-	-
MW-5	13.75						X			X	-	-
MW-6	10.35						X			Y		

E X P L A N A T I O N

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: <u>monthly sampling</u>	
FREE PRODUCT REMOVED: APPROX. _____ GALLONS	WATER REMOVED: APPROX. _____ GALLONS
DATA RECORDED BY: _____	INPUT BY: M.M.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 7.22.1991

OBSERVATION WELLS

NO.	DTW	DTP	PT	GALONS WATER REMOVED	DTB	DIA.	ODORS			F/P		
							YES	NO	S	YES	NO	
	MONTHLY											
MW-1	20.41	FILM	FILM	2	29.45	2"	Y	-	-	Y	-	-
MW-2	17.84	17.46	0.38	2	22.90	2"	Y	-	-	Y	-	-
MW-3	24.00			16.	28.25	6"	-	Y	-	-	Y	-
MW-4	21.80	21.32	0.48	2	29.50	2"	Y	-	-	Y	-	-
MW-5	18.20			21.	26.55	4"	-	Y	-	-	Y	-

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS:	
FREE PRODUCT REMOVED: APPROX. 1.5 GALLONS	
WATER REMOVED: APPROX. 4.2 GALLONS	
DATA RECORDED BY: <u>EUGENIU GARMAN</u>	INPUT BY: M.M.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7.22.91 STATION NO. 063
PERSONNEL EUGENIU GARMAN
WELL NO. MX15 WEATHER SUNY
SAMPLE EQUIPMENT TEFLON DIALER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
Depth to Water 18.20 Ft. Purge Volume 21 gallons

Sampling Data

Time	2:10	2:15	2:20	2:25			
EC	<u>960</u>	<u>900</u>	<u>890</u>	<u>890</u>			
pH	<u>7.30</u>	<u>7.20</u>	<u>7.20</u>	<u>7.20</u>			
Temp	<u>76</u>	<u>74</u>	<u>73</u>	<u>73</u>			
Gal.	<u>5</u>	<u>10</u>	<u>15</u>	<u>21</u>			
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 18.50 Ft. Total Well Depth 26.55 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7.22.91 STATION NO. 063
PERSONNEL EUGENIU GARMAN
WELL NO. MW 3 WEATHER SUNY
SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 28.25 Ft. Well Diameter 6⁴
Depth to Water 24 Ft. Purge Volume 16 gallons

Sampling Data

Time	1:35	1:40	1:55				
EC	<u>1120</u>	<u>1120</u>	<u>1120</u>				
pH	<u>6.96</u>	<u>6.92</u>	<u>6.92</u>				
Temp	<u>75</u>	<u>74</u>	<u>74</u>				
Gal.	<u>5</u>	<u>10</u>	<u>16</u>				

Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 24 Ft. Total Well Depth 28.25 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7/15/1992 STATION NO. 063
PERSONNEL E. GASMAN, T. ROJU
WELL NO. MW 6 WEATHER SUNNY
SAMPLE EQUIPMENT TEFLON BAITER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
Depth to Water 13.29 Ft. Purge Volume 37 gallons

Sampling Data

Time	<u>3:05</u>	<u>3:10</u>	<u>3:15</u>	<u>3:20</u>	<u>3:25</u>	<u>3:35</u>	
EC	<u>6600</u>	<u>6340</u>	<u>5990</u>	<u>5880</u>	<u>5880</u>	<u>5880</u>	
pH	<u>6.99</u>	<u>6.90</u>	<u>6.86</u>	<u>6.86</u>	<u>6.86</u>	<u>6.86</u>	
Temp	<u>68.7</u>	<u>68.2</u>	<u>68</u>	<u>68</u>	<u>68</u>	<u>68</u>	
Gal.	<u>6</u>	<u>12</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>37</u>	
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 15.10 Ft. Total Well Depth 27.53 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7/15/1992 STATION NO. 063
PERSONNEL E. GASMAN, T. ROTU
WELL NO. MW 6 WEATHER SUNNY
SAMPLE EQUIPMENT TEFLON BAKER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
Depth to Water 13.29 Ft. Purge Volume 37 gallons

Sampling Data

Time	3:05	3:10	3:15	3:20	3:25	3:35	
EC	<u>6600</u>	<u>6340</u>	<u>5990</u>	<u>5880</u>	<u>5880</u>	<u>5880</u>	
pH	<u>6.99</u>	<u>6.90</u>	<u>6.86</u>	<u>6.86</u>	<u>6.86</u>	<u>6.86</u>	
Temp	<u>68.7</u>	<u>68.2</u>	<u>68</u>	<u>68</u>	<u>68</u>	<u>68</u>	
Gal.	<u>6</u>	<u>12</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>37</u>	
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 15.10 Ft. Total Well Depth 27.53 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7/15/1992 STATION NO. 063
PERSONNEL E. GASHAN, T. ROJU
WELL NO. MW 5 WEATHER SUNNY
SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
Depth to Water 17.29 Ft. Purge Volume 24 gallons

Sampling Data

Time	<u>4:05P</u>	<u>4:10P</u>	<u>4:15P</u>	<u>4:20P</u>	<u>4:25P</u>	<u>4:30P</u>	_____
EC	<u>7170</u>	<u>6940</u>	<u>6830</u>	<u>6760</u>	<u>6760</u>	<u>6760</u>	_____
pH	<u>7.20</u>	<u>6.86</u>	<u>6.83</u>	<u>6.80</u>	<u>6.80</u>	<u>6.80</u>	_____
Temp	<u>72</u>	<u>70.5</u>	<u>7.0</u>	<u>69.5</u>	<u>69.5</u>	<u>69.5</u>	_____
Gal.	<u>4</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>	<u>24</u>	_____
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 18.20 Ft. Total Well Depth 26.55 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7/15/1992 STATION NO. 063
PERSONNEL E. GAYMAN, T. ROHU
WELL NO. MW 5 WEATHER SUNNY
SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
Depth to Water 17.29 Ft. Purge Volume 24 gallons

Sampling Data

Time	<u>4:05P</u>	<u>4:10P</u>	<u>4:15P</u>	<u>4:20P</u>	<u>4:25P</u>	<u>4:30P</u>	_____
EC	<u>7170</u>	<u>6940</u>	<u>6830</u>	<u>6760</u>	<u>6760</u>	<u>6760</u>	_____
pH	<u>7.20</u>	<u>6.86</u>	<u>6.83</u>	<u>6.80</u>	<u>6.80</u>	<u>6.80</u>	_____
Temp	<u>72</u>	<u>70.5</u>	<u>70</u>	<u>69.5</u>	<u>69.5</u>	<u>69.5</u>	_____
Gal.	<u>4</u>	<u>8</u>	<u>12</u>	<u>16</u>	<u>20</u>	<u>24</u>	_____
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 18.20 Ft. Total Well Depth 26.55 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 1.6.93 STATION NO. 063
 PERSONNEL E. GARMAN, T. ROFU
 WELL NO. MWG WEATHER CLOUDY
 SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
 Depth to Water 10.87 Ft. Purge Volume 44 gallons

Sampling Data

Time	9:00	9:05	9:10	9:15	9:20	9:25	9:30
EC	530	530	550	550	550	550	550
pH	7	6.91	6.88	6.86	6.86	6.86	6.86
Temp	57.8	60.4	62.6	63.6	63.8	63.8	63.8
Gal.	10	20	25	30	35	40	44
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 11.20 Ft. Total Well Depth 27.53 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 1. 6. 1993 STATION NO. 063
 PERSONNEL E. GASMAN, T. ROSU
 WELL NO. MW5 WEATHER CLOUDY
 SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
 Depth to Water 13.12 Ft. Purge Volume 35 gallons

Sampling Data

Time	<u>10:05</u>	<u>10:10</u>	<u>10:15</u>	<u>10:20</u>	<u>10:25</u>	<u>10:30</u>	<u>10:35</u>
EC	<u>960</u>	<u>1010</u>	<u>1010</u>	<u>1020</u>	<u>1030</u>	<u>1030</u>	<u>1030</u>
pH	<u>6.72</u>	<u>6.72</u>	<u>6.72</u>	<u>6.73</u>	<u>6.72</u>	<u>6.72</u>	<u>6.72</u>
Temp	<u>59.9</u>	<u>62.8</u>	<u>63.5</u>	<u>65</u>	<u>65.5</u>	<u>65.5</u>	<u>65.5</u>
Gal.	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 13.91 Ft. Total Well Depth 26.55 Ft.



PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #063
6125 TELEGRAPH AVENUE
OAKLAND, CA 94609
DATE: 7.13.1993

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	15.44	SHEEN							X	X	-	-
MW-2	15.19	15.15					X		X		-	-
MW-3	14.24							X		X	-	-
MW-4	16.09	SHEEN						X		X	-	-
MW-5	16.15						X			X	-	-
MW-6	13.10						X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS S - SLIGHT
MEASUREMENTS IN FEET
REMARKS: _____
FREE PRODUCT REMOVED: APPROX 0.00 GALLONS WATER REMOVED: APPROX. 65 GALLONS
DATA RECORDED BY: E. GA SMAN INPUT BY: M.M.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7. 13. 1943 STATION NO. 063
PERSONNEL E. GARMAN, T. ROSE
WELL NO. MW 6 WEATHER SUNNY
SAMPLE EQUIPMENT TEFLON C. AILER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
Depth to Water 13.10 Ft. Purge Volume 32 gallons

Sampling Data

Time	<u>10:15</u>	<u>10:20</u>	<u>10:25</u>	<u>10:30</u>	<u>10:35</u>	<u>10:40</u>	<u>10:45</u>
EC	<u>470</u>	<u>460</u>	<u>450</u>	<u>430</u>	<u>420</u>	<u>430</u>	<u>430</u>
pH	<u>6.99</u>	<u>6.92</u>	<u>6.88</u>	<u>6.88</u>	<u>6.86</u>	<u>6.86</u>	<u>6.86</u>
Temp	<u>71.9</u>	<u>71.3</u>	<u>70.9</u>	<u>70.3</u>	<u>70.3</u>	<u>70.4</u>	<u>70.3</u>
Gal.	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>38</u>
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 14. Ft. Total Well Depth 27.53 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7.13.1993 STATION NO. 063
 PERSONNEL E CASMAN, J ROSU
 WELL NO. MW5 WEATHER SUNNY
 SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
 Depth to Water 16.15 Ft. Purge Volume 27 gallons

Sampling Data

Time	<u>11:15</u>	<u>11:20</u>	<u>11:25</u>	<u>11:30</u>	<u>11:35</u>	<u>11:40</u>	
EC	<u>960</u>	<u>940</u>	<u>930</u>	<u>930</u>	<u>930</u>	<u>930</u>	
pH	<u>6.83</u>	<u>6.80</u>	<u>6.76</u>	<u>6.72</u>	<u>6.72</u>	<u>6.72</u>	
Temp	<u>72.3</u>	<u>72</u>	<u>71.5</u>	<u>71</u>	<u>71</u>	<u>71</u>	
Gal.	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>24</u>	<u>27</u>	
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 17.10 Ft. Total Well Depth 26.55



PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #063
6125 TELEGRAPH AVENUE
OAKLAND, CA 94609
DATE: 10.11.93

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P			
						YES	NO	S	YES	NO		
MONTHLY												
MW-1	20.36	SHEEN						X		X	-	-
MW-2	18.05	17.95				X			X		-	-
MW-3	25.60						X			X	-	-
MW-4	21.33	Film				X				X	-	-
MW-5	18.75						X			X	-	-
MW-6	14.43						X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS:	
FREE PRODUCT REMOVED: APPROX. <u>0.00</u> GALLONS	WATER REMOVED: APPROX. <u>55</u> GALLONS
DATA RECORDED BY: <u>E. GASHMATH</u>	INPUT BY: <u>M.M.</u>

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 10.11.93 STATION NO. 083
 PERSONNEL E. GASMAN, T. ROU
 WELL NO. MW 5 WEATHER CLOUDY
 SAMPLE EQUIPMENT TEFLON BAITER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
 Depth to Water 18.75 Ft. Purge Volume 20 gallons

Sampling Data

Time	<u>12:45</u>	<u>12:50</u>	<u>12:55</u>	<u>13:00</u>	<u>13:05</u>	<u>13:10</u>	_____
EC	<u>430</u>	<u>436</u>	<u>433</u>	<u>430</u>	<u>430</u>	<u>430</u>	_____
pH	<u>7.05</u>	<u>6.98</u>	<u>6.99</u>	<u>6.98</u>	<u>6.96</u>	<u>6.97</u>	_____
Temp	<u>69.5</u>	<u>69.2</u>	<u>69.2</u>	<u>69.2</u>	<u>69.2</u>	<u>69.2</u>	_____
Gal.	<u>6</u>	<u>8</u>	<u>10</u>	<u>12</u>	<u>16</u>	<u>20</u>	_____
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 19.20 Ft. Total Well Depth 26.55 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 10.11.93 STATION NO. 063
 PERSONNEL E-GASMAN. T. ROW
 WELL NO. MW 6 WEATHER CLOUDY
 SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
 Depth to Water 14.43 Ft. Purge Volume 34 gallons

Sampling Data

Time	11:30	11:35	11:40	11:45	11:50	11:55	12:00
EC	758	986	508	508	506	508	508
pH	7.03	7.03	7.05	7.05	7.06	7.05	7.05
Temp	74	71.2	70.6	70.4	70.3	70.3	70.4
Gal.	5	10	15	20	25	30	34
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 15.21 Ft. Total Well Depth 27.53 Ft.



PROJECT STATUS REPORT
 THRIFTY OIL CO. S.S. #063
 6125 TELEGRAPH AVENUE
 OAKLAND, CA 94609
 DATE: 01/11/1994

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	ODORS			F/P		
						YES	NO	S	YES	NO	
MONTHLY											
MW-1	19.50	SHEEN						Y	Y	-	-
MW-2	18.98	16.95				Y			Y	-	-
MW-3	25.90						Y		Y	-	-
MW-4	20.45	Film				Y			Y	-	-
MW-5	17.80						Y		Y	-	-
MW-6	13.56						Y		Y		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE	DTP - DEPTH TO PRODUCT FROM SURFACE
PT - PRODUCT THICKNESS	S - SLIGHT
MEASUREMENTS IN FEET	
REMARKS: <u>Quarterly sampling.</u>	
FREE PRODUCT REMOVED: APPROX. <u>0.00</u> GALLONS	WATER REMOVED: APPROX. <u>60</u> GALLONS
DATA RECORDED BY: <u>E. CASMAN</u>	INPUT BY: <u>M.M.</u>



FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 01/11/1994 STATION NO. 063
 PERSONNEL E. CASMAN, T. ROW
 WELL NO. MW 5 WEATHER SUNNY
 SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
 Depth to Water 17.80 Ft. Purge Volume 23 gallons

Sampling Data

Time	9:50	9:55	10:00	10:05	10:10	10:15	
EC	<u>830</u>	<u>800</u>	<u>780</u>	<u>770</u>	<u>770</u>	<u>770</u>	
pH	<u>6.75</u>	<u>6.72</u>	<u>6.70</u>	<u>6.66</u>	<u>6.66</u>	<u>6.68</u>	
Temp	<u>71.6</u>	<u>70.5</u>	<u>70</u>	<u>69.7</u>	<u>69.6</u>	<u>69.6</u>	
Gal.	<u>3</u>	<u>7</u>	<u>10</u>	<u>14</u>	<u>18</u>	<u>23</u>	
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 18.50 Ft. Total Well Depth 26.55 Ft.



FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 01/11/1994 STATION NO. 063
 PERSONNEL E. CASMAN, T. ROSU
 WELL NO. MW 6 WEATHER SUNNY
 SAMPLE EQUIPMENT TEFLON RAILER

Before Sampling

Total Well Depth 27.53 Ft. Well Diameter 4"
 Depth to Water 13.56 Ft. Purge Volume 36 gallons

Sampling Data

Time	<u>11:00</u>	<u>11:10</u>	<u>11:20</u>	<u>11:30</u>	<u>11:40</u>	<u>11:50</u>	_____
EC	<u>430</u>	<u>410</u>	<u>420</u>	<u>410</u>	<u>410</u>	<u>410</u>	_____
pH	<u>6.78</u>	<u>6.63</u>	<u>6.63</u>	<u>6.63</u>	<u>6.62</u>	<u>6.62</u>	_____
Temp	<u>64.7</u>	<u>65.2</u>	<u>66.1</u>	<u>66.5</u>	<u>66.6</u>	<u>66.5</u>	_____
Gal.	<u>6</u>	<u>12</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>36</u>	_____
Time	_____	_____	_____	_____	_____	_____	_____
EC	_____	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____	_____
Temp	_____	_____	_____	_____	_____	_____	_____
Gal.	_____	_____	_____	_____	_____	_____	_____

After Sampling

Depth to Water 15:10 Ft. Total Well Depth 27.53 Ft.

APPENDIX B



SMITH-EMERY COMPANY
The Full Service Independent Testing Laboratory, Established 1904

781 East Washington Boulevard
 P.O. Box #60550, Hunter's Point Shipyard Bldg 114
 5427 East La Palma Avenue

- Los Angeles, California 90021
- San Francisco, California 94188
- Anaheim, California 92807
- (213) 749-3411
- (415) 330-3000
- (714) 693-1026
- Fax. (213) 746-7228
- Fax (415) 822-5864
- Fax. (714) 693-1034

THRIFTY OIL COMPANY
 FILE# 7144
 10000 LAKEWOOD BLVD.
 DOWNEY, CA. 90240

07/29/91

Attn: NICK CIORTAN ✓
 213/923/9876

P.O.# 35458, SS # 063
 CHAIN OF CUSTODY

Sample #: 1205103301
 Received: 07/24/91
 Type: WATER

Collector: Client
 Sampling Date & Time: 07/22/91, 1455
 Method: GRAB

I.D.: WELL MW-3

===== CONSTITUENT =====	===== METHOD =====	===== RESULT =====	===== UNIT =====
EPA 602		ANALYZED	07/25/91
BENZENE	EPA 602	100	UG/L
TOLUENE	EPA 602	5.1	UG/L
ETHYLBENZENE	EPA 602	ND	<1.0 UG/L
XYLENES	EPA 602	25	UG/L

Sample #: 1205103302
 Received: 07/24/91
 Type: WATER

Collector: Client
 Sampling Date & Time: 07/22/91, 1530
 Method: GRAB

I.D.: WELL MW-5

EPA 602		ANALYZED	07/25/91
BENZENE	EPA 602	ND	<0.5 UG/L
TOLUENE	EPA 602	1.6	UG/L
ETHYLBENZENE	EPA 602	ND	<1.0 UG/L
XYLENES	EPA 602	2.0	UG/L

Sample #: 1205103303
 Received: 07/24/91
 Type: WATER

Collector: Client
 Sampling Date & Time: 07/22/91, 1301
 Method: GRAB

I.D.: TRIP BLANK

EPA 602 ANALYZED 07/25/91



SMITH-EMERY COMPANY
The Full Service Independent Testing Laboratory, Established 1904

781 East Washington Boulevard
P O Box 880550, Hunter's Point Shipyard Bldg. 114
5427 East La Palma Avenue

- Los Angeles, California 90021
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- Fax: (213) 746-7228
- Fax: (415) 822-5864
- Fax: (714) 693-1034

===== CONSTITUENT =====	===== METHOD =====	===== RESULT ==	===== UNIT =====
BENZENE	EPA 602	ND <0.5	UG/L
TOLUENE	EPA 602	ND <0.5	UG/L
ETHYLBENZENE	EPA 602	ND <1.0	UG/L
XYLENES	EPA 602	ND <1.0	UG/L

Respectfully submitted,

Shahid Noori, Manager Chemical Lab

File # 7194
 Lab # 1205103301

CHAIN OF CUSTODY FORM

P.O. # 35458		Client and Site Location: THRIFTY OIL CO., SS # 063			SEMI-ANNUAL SAMPLING		ANALYTICAL METHOD										Submit Results To:							
Samplers (Signature) <i>Juzen Gorman</i>							T P H / B T X E *															THRIFTY OIL CO. 10000 LAKEWOOD BLVD. DOWNEY, CA 90240		
Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers (VIALS)																REMARKS		
WELL MW-1	*			GRAB	GASOLINE	4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEMI-ANNUAL WATER SAMPLING		
WELL MW-2	*			GRAB	GASOLINE	4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	* COMBINED TEST		
WELL MW-3	7-22-91	2:55		GRAB	GASOLINE	4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WELL MW-4	*			GRAB	GASOLINE	4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WELL MW-5	7-22-91	3:30		GRAB	GASOLINE	4	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TRIP BLANK	7-22-91	1-01		-	-	2	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	*	NOT SAMPLED, FREE PRODUCT FLOATED																						

Sample Integrity:							
Samples Intact:	Yes _____	No _____		Relinquished by:	Date / Time	Received by:	
Samples Properly Cooled:	Yes _____	No _____		<i>Juzen Gorman</i>	7/22 / 4:10	<i>PAUL [Signature]</i>	
Samples Accepted:	Yes _____	No _____		Relinquished by:	Date / Time	Received by:	
If not, why:	_____						
Samples Placed in Lab Refrigerator	Yes _____	No _____	Rep. Initials _____	Relinquished by:	Date / Time	Received for Lab by:	
Laboratory Name: SMITH-EMERY COMPANY				Certification No.:	_____		

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7.22.91 STATION NO. 063
PERSONNEL EUGENIU GARMAN
WELL NO. MW 3 WEATHER SUNY
SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 28.25 Ft. Well Diameter 6⁴
Depth to Water 24 Ft. Purge Volume 16 gallons

Sampling Data

Time	1:35	1:40	1:55				
EC	<u>1120</u>	<u>1120</u>	<u>1120</u>				
pH	<u>6.96</u>	<u>6.92</u>	<u>6.92</u>				
Temp	<u>75</u>	<u>74</u>	<u>74</u>				
Gal.	<u>5</u>	<u>10</u>	<u>16</u>				
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 24 Ft. Total Well Depth 28.25 Ft.

FIELD DATA - GROUNDWATER WELL SAMPLING PROGRAM

DATE 7.22.91 STATION NO. 063
PERSONNEL EUGENIU GARMAN
WELL NO. MX15 WEATHER SUNY
SAMPLE EQUIPMENT TEFLON BAILER

Before Sampling

Total Well Depth 26.55 Ft. Well Diameter 4"
Depth to Water 18.20 Ft. Purge Volume 21 gallons

Sampling Data

Time	2:10	2:15	2:20	2:25			
EC	960	900	890	890			
pH	7.30	7.20	7.20	7.20			
Temp	76	74	73	73			
Gal.	5	10	15	21			
Time							
EC							
pH							
Temp							
Gal.							

After Sampling

Depth to Water 18.50 Ft. Total Well Depth 26.55 Ft.



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: TOC #063
Sample Matrix: Grab
Method: EPA 602 (BTEX)

AA Project No.: A135063
Date Sampled: 1/22/92
Date Received: 1/24/92
Date Analyzed: 1/24,27/92
Units: $\mu\text{g/L}$
Date Reported: 2/3/92

~~~~~

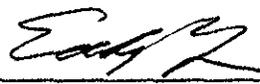
| AA I.D.# | Client I.D. | Results (ppb) |              |         |         |
|----------|-------------|---------------|--------------|---------|---------|
|          |             | Benzene       | Ethylbenzene | Toluene | Xylenes |
| 7158     | MW5         | 21            | 8.0          | 2.0     | 17      |
| 7159     | MW6         | ND            | ND           | ND      | 1.5     |
| 7160     | Trip Blank  | ND            | ND           | ND      | ND      |

~~~~~

Detection Limits: 0.5 0.5 0.5 0.5

~~~~~  
ND: Not detected at or above the concentration of the detection limits

  
Eric C.C. Lu, Ph.D.  
Technical Director

  
Eddy Y. Zeng, M.S.  
Chemist

elh



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Method: EPA 602 (BTEX), QC, Spike

Sample Matrix: Water  
Date Analyzed: 1/24/92  
Date Reported: 2/3/92

| Compounds     | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|---------------|--------------------|------------------------------|---------|
| Benzene       | 84                 | 85                           | 1.2     |
| Toluene       | 83                 | 85                           | 2.4     |
| Ethyl Benzene | 81                 | 83                           | 2.4     |
| Total Xylenes | 79                 | 81                           | 2.5     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

Eric C.C. Lu, Ph.D.  
Technical Director

elh

George L. Guindi, M.S.  
Chemist



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Method: EPA 602 (BTEX), QC, Spike

Sample Matrix: Water  
Date Analyzed: 1/27/92  
Date Reported: 2/3/92

| Compounds     | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|---------------|--------------------|------------------------------|---------|
| Benzene       | 91                 | 98                           | 7.4     |
| Toluene       | 94                 | 100                          | 6.2     |
| Ethyl Benzene | 94                 | 101                          | 7.2     |
| Total Xylenes | 91                 | 98                           | 7.4     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

Eric C.C. Lu, Ph.D.  
Technical Director

elh

George L. Guindi, M.S.  
Chemist



LABORATORY ANALYSIS RESULTS

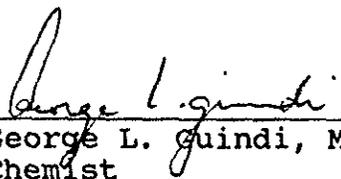
Client: Thrifty Oil Company  
Project No.: N/A  
Project Name: TOC #063  
Sample Matrix: Grab  
Method: EPA 8015M (Gasoline)

AA Project No.: A135063  
Date Sampled: 1/22/92  
Date Received: 1/24/92  
Date Analyzed: 1/24,27/92  
Units: mg/L  
Date Reported: 2/3/92

| AA ID No. | Client ID  | Total Petroleum Hydrocarbon Results (ppm) | Detection Limits (ppm) |
|-----------|------------|-------------------------------------------|------------------------|
| 7158      | MW5        | 0.6                                       | 0.2                    |
| 7159      | MW6        | ND                                        | 0.2                    |
| 7160      | Trip Blank | ND                                        | 0.2                    |

ND: Not detected at or above the concentration of detection limits

  
Eric C.C. Lu, Ph.D.  
Technical Director

  
George L. Guindi, M.S.  
Chemist

elh



LABORATORY QA/QC REPORT

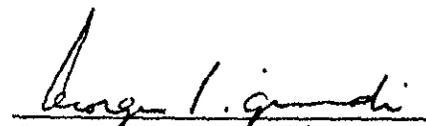
Client: Thrifty Oil Company  
Method: EPA 8015M (Gasoline), QC, Spike

Sample Matrix: Water  
Date Analyzed: 1/24/92  
Date Reported: 2/3/92

| Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|--------------------|------------------------------|---------|
| 87                 | 91                           | 4.5     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/\{(x_1 + x_2)/2\}]$

  
Eric C.C. Lu, Ph.D.  
Technical Director

  
George L. Guindi, M.S.  
Chemist

elh



LABORATORY QA/QC REPORT

Client: Thrifty Oil Company  
Method: EPA 8015M (Gasoline), QC, Spike

Sample Matrix: Water  
Date Analyzed: 1/27/92  
Date Reported: 2/3/92

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| Spike<br>Recovery<br>(%) | Spike/Duplicate<br>Recovery<br>(%) | RPD<br>(%) |
|--------------------------|------------------------------------|------------|
| 89                       | 93                                 | 4.4        |

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RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

Eric C.C. Lu, Ph.D.  
Technical Director

George L. Guindi, M.S.  
Chemist

elh



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

(818) 998-5547

(818) 998-5548

1-800-533-TEST

1-800-533-8378

FAX (818) 998-7258

DATE: 1/22/92

PAGE 1 OF 1

| AA Client <b>THRIFTY OIL CO</b>                                                                                                                                                                                                                                                                                                                            |              |         |       |             |                      | Phone                                  |  | Sampler's Name <b>EUGENIU GASMAN</b>      |      |                         |  |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-------|-------------|----------------------|----------------------------------------|--|-------------------------------------------|------|-------------------------|--|-------------------|
| Project Manager <b>NICK CIORTAN</b>                                                                                                                                                                                                                                                                                                                        |              |         |       |             |                      | P.O. No.                               |  | Sampler's Signature <i>Eugeniu Gasman</i> |      |                         |  |                   |
| Project Name <b>TOC # 063</b>                                                                                                                                                                                                                                                                                                                              |              |         |       |             |                      | Project No.                            |  | Project Manager's Signature               |      |                         |  |                   |
| Job Name and Address <b>TOC # 063<br/>6125 TELEGRAPH AVE<br/>OAKLAND CA 94609</b>                                                                                                                                                                                                                                                                          |              |         |       |             |                      | <b>ANALYSIS REQUIRED</b>               |  |                                           |      |                         |  | Test Requirements |
|                                                                                                                                                                                                                                                                                                                                                            |              |         |       |             |                      | Detection Limits                       |  | T<br>P<br>H<br>B<br>K<br>S                |      |                         |  |                   |
| AA ID.#                                                                                                                                                                                                                                                                                                                                                    | Client's ID. | Date    | Time  | Sample Type | Number of Containers | Test Name                              |  |                                           |      |                         |  |                   |
| 7158                                                                                                                                                                                                                                                                                                                                                       | WELL MVA     | 1/22/92 | 2:15P | GRAB        | 4                    | X                                      |  |                                           |      |                         |  |                   |
| 7159                                                                                                                                                                                                                                                                                                                                                       | MWL          | 1/22/92 | 1:45P | GRAB        | 4                    | X                                      |  |                                           |      |                         |  |                   |
| 7160                                                                                                                                                                                                                                                                                                                                                       | TRIP BLANK   | 1/22/92 | 7:30A |             | 2                    | X                                      |  |                                           |      |                         |  |                   |
| <b>SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB</b><br>Samples Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br>Samples Properly Cooled Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br>Samples Accepted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br>If Not Why: _____ |              |         |       |             |                      | Relinquished by: <i>Eugeniu Gasman</i> |  | Date                                      | Time | Received by: <i>E L</i> |  |                   |
| AA Project No. <b>A135063</b>                                                                                                                                                                                                                                                                                                                              |              |         |       |             |                      | Relinquished by:                       |  | Date                                      | Time | Received by:            |  |                   |
|                                                                                                                                                                                                                                                                                                                                                            |              |         |       |             |                      | Relinquished by:                       |  | Date                                      | Time | Received by:            |  |                   |
|                                                                                                                                                                                                                                                                                                                                                            |              |         |       |             |                      | Relinquished by:                       |  | Date                                      | Time | Received by:            |  |                   |



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Project No.: N/A  
Project Name: TOC #063  
Sample Matrix: Water  
Method: EPA 8020 (BTEX)

AA Project No.: A135063-4  
Date Sampled: 7/15/92  
Date Received: 7/20/92  
Date Analyzed: 7/22/92  
Units:  $\mu\text{g/L}$   
Date Reported: 7/28/92

-----

| AA I.D.# | Client I.D. | Results (ppb) |              |         |         |
|----------|-------------|---------------|--------------|---------|---------|
|          |             | Benzene       | Ethylbenzene | Toluene | Xylenes |
| 10047    | MW-5        | ND            | ND           | ND      | ND      |
| 10048    | MW-6        | ND            | ND           | ND      | ND      |
| 10049    | Trip Blank  | ND            | ND           | 0.6     | ND      |

-----

Detection Limits:                    0.5                    0.5                    0.5                    0.5

-----  
ND: Not detected at or above the concentration of the detection limits

  
Larry L. Schaleger, Ph.D.  
Laboratory Director

ff



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Project No.: N/A  
Project Name: TOC #063  
Sample Matrix: Water  
Method: EPA 8015M (Gasoline)

AA Project No.: A135063-4  
Date Sampled: 7/15/92  
Date Received: 7/20/92  
Date Analyzed: 7/22/92  
Units: mg/L  
Date Reported: 7/28/92

| AA ID No. | Client ID  | Total Petroleum Hydrocarbon Results (ppm) | Detection Limits (ppm) |
|-----------|------------|-------------------------------------------|------------------------|
| 10047     | MW-5       | ND                                        | 0.2                    |
| 10048     | MW-6       | ND                                        | 0.2                    |
| 10049     | Trip Blank | ND                                        | 0.2                    |

ND: Not detected at or above the concentration of the detection limits

  
Larry L. Schaleger, Ph.D.  
Laboratory Director

ff



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

DATE: 7/15/92

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FAX (818) 998-7258

PAGE 1 OF 1

|                                         |                              |                                                   |
|-----------------------------------------|------------------------------|---------------------------------------------------|
| AA Client<br><b>THRIFTY OIL CO</b>      | Phone<br><b>310 923-9876</b> | Sampler's Name<br><b>EUGENIU GARMAN</b>           |
| Project Manager<br><b>MICHAEL COSBY</b> | P.O. No.                     | Sampler's Signature<br><i>Eugeniu Garman</i>      |
| Project Name<br><b>TOC # 063</b>        | Project No.                  | Project Manager's Signature<br><i>[Signature]</i> |

| Job Name and Address |              |         |       |             |                      | ANALYSIS REQUIRED |   |   |   |   |   |  |  |  |  | Test Requirements |  |  |  |  |  |  |  |
|----------------------|--------------|---------|-------|-------------|----------------------|-------------------|---|---|---|---|---|--|--|--|--|-------------------|--|--|--|--|--|--|--|
| TOC # 063            |              |         |       |             |                      | Detection Limits  |   |   |   |   |   |  |  |  |  |                   |  |  |  |  |  |  |  |
| AA ID.#              | Client's ID. | Date    | Time  | Sample Type | Number of Containers | H                 | P | T | X | T | B |  |  |  |  |                   |  |  |  |  |  |  |  |
| 10047                | MW 5         | 7/15/92 | 5:40P | GRAB        | 2                    | X                 | X |   |   |   |   |  |  |  |  |                   |  |  |  |  |  |  |  |
| 10048                | MW 6         | 7/15/92 | 6:10P | GRAB        | 2                    | X                 | X |   |   |   |   |  |  |  |  |                   |  |  |  |  |  |  |  |
| 10049                | TRIP BLANK   | 7/15/92 | 7:00A |             | 2                    | X                 | X |   |   |   |   |  |  |  |  |                   |  |  |  |  |  |  |  |

|                                                          |     |    |  |                       |      |       |                    |
|----------------------------------------------------------|-----|----|--|-----------------------|------|-------|--------------------|
| <b>SAMPLE INTEGRITY TO BE FILLED IN BY RECEIVING LAB</b> |     |    |  | Relinquished by:      | Date | Time  | Received by:       |
| Sample Intact                                            | Yes | No |  | <i>Eugeniu Garman</i> | 7/20 | 11:00 | <i>[Signature]</i> |
| Sample Properly Cooled                                   | Yes | No |  |                       |      |       |                    |
| Sample Accepted                                          | Yes | No |  |                       |      |       |                    |
| If Not Why: _____                                        |     |    |  | Relinquished by:      | Date | Time  | Received by:       |
| AA Project No. <b>A135063-4</b>                          |     |    |  | Relinquished by:      | Date | Time  | Received by:       |



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Method: EPA 8020 (BTEX), QC, Spike  
AA Project No.: A135063-4

Sample Matrix: Water  
Date Analyzed: 7/22/92  
Date Reported: 7/28/92

| Compounds     | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|---------------|--------------------|------------------------------|---------|
| Benzene       | 123                | 125                          | 1.6     |
| Toluene       | 131                | 129                          | 1.5     |
| Ethyl Benzene | 115                | 108                          | 6.3     |
| Total Xylenes | 131                | 125                          | 4.7     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

  
Larry L. Schaleger, Ph.D.  
Laboratory Director

ff



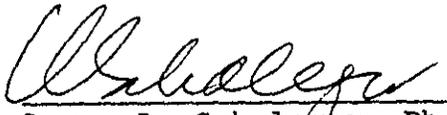
LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Method: EPA 8015M (Gasoline), QC, Spike  
AA Project No.: A135063-4

Sample Matrix: Water  
Date Analyzed: 7/22/92  
Date Reported: 7/28/92

| Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|--------------------|------------------------------|---------|
| 81                 | 78                           | 3.8     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

  
Larry L. Schaefer, Ph.D.  
Laboratory Director

ff



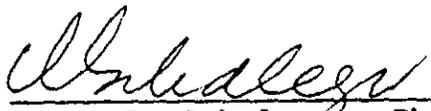
LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Co.  
Method: EPA 8020 (BTEX), QC, Spike  
AA Project No.: A135063-3

Sample Matrix: Water  
Date Analyzed: 7/17/92  
Date Reported: 7/28/92

| Compound      | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|---------------|--------------------|------------------------------|---------|
| Benzene       | 114                | 115                          | 0.9     |
| Toluene       | 104                | 106                          | 1.9     |
| Ethyl Benzene | 99                 | 99                           | 0       |
| Total Xylenes | 108                | 110                          | 1.8     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

  
Larry L. Schaleger, Ph.D.  
Laboratory Director

ff



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Co.  
Method: EPA 8020 (BTEX), QC, Spike  
AA Project No.: A135063-3

Sample Matrix: Water  
Date Analyzed: 7/21/92  
Date Reported: 7/28/92

| Compound      | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|---------------|--------------------|------------------------------|---------|
| Benzene       | 118                | 119                          | 0.8     |
| Toluene       | 117                | 124                          | 5.8     |
| Ethyl Benzene | 103                | 107                          | 3.8     |
| Total Xylenes | 116                | 125                          | 7.5     |

RPD = Relative Percent Difference,  $100[(x_1 - x_2)/((x_1 + x_2)/2)]$

  
Larry L. Schaleger, Ph.D.  
Laboratory Director

ff



LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company  
Project No.: N/A  
Project Name: TOC #063  
Sample Matrix: Water  
Method: EPA 8020 (BTEX)/8015M (Gasoline)

AA Project No.: A135063-11  
Date Sampled: 1/6/93  
Date Received: 1/11/93  
Date Reported: 1/19/93

| Date Analyzed:          | 1/13/93 | 1/13/93 | 1/13/93    | Reporting<br>Detection<br>Limits | Units |
|-------------------------|---------|---------|------------|----------------------------------|-------|
| AA I.D. #:              | 13059   | 13060   | 13061      |                                  |       |
| Client I.D. #:          | MW5     | MW6     | Trip Blank |                                  |       |
| <u>Compound</u>         |         |         |            |                                  |       |
| Benzene                 | 2.7     | <0.5    | <0.5       | 0.5                              | µg/L  |
| Toluene                 | <0.5    | <0.5    | <0.5       | 0.5                              | µg/L  |
| Ethylbenzene            | 1.3     | <0.5    | <0.5       | 0.5                              | µg/L  |
| Xylenes                 | 26      | <1      | <1         | 1                                | µg/L  |
| Gasoline Range Organics | 0.3     | <0.2    | <0.2       | 0.2                              | mg/L  |

---

<: Not detected at or above the value of the concentration indicated.

George Havalias  
Laboratory Director

mls



LABORATORY QA/QC REPORT

Client: Thrifty Oil Company  
Method: EPA 8020 (BTEX)/8015M (Gasoline), QC, Spike  
A.A. Project No.: A135063-11

Sample Matrix: Water  
Date Analyzed: 1/13/93  
Date Reported: 1/19/93

| Compound                | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|-------------------------|--------------------|------------------------------|---------|
| Benzene                 | 77                 | 78                           | 1.3     |
| Toluene                 | 83                 | 84                           | 1.2     |
| Ethylbenzene            | 87                 | 88                           | 1.1     |
| Total Xylenes           | 91                 | 92                           | 1.1     |
| Gasoline Range Organics | 102                | 134                          | 27      |

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RPD: Relative Percent Difference

George Havalias  
Laboratory Director

mls



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

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FAX (818) 998-7258

DATE: 1.6.93

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| AA Client <b>THRIFTY OIL CO</b>                          |              |        |        |             |                      | Phone <b>310 923 9876</b>                                                                                                          |   | Sampler's Name <b>EUGENIU GARMAN</b>       |             |                               |
|----------------------------------------------------------|--------------|--------|--------|-------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------|-------------|-------------------------------|
| Project Manager <b>MICHAEL COSBY</b>                     |              |        |        |             |                      | P.O. No.                                                                                                                           |   | Sampler's Signature <i>Eugeniu Garmann</i> |             |                               |
| Project Name <b>TOC # 063</b>                            |              |        |        |             |                      | Project No.                                                                                                                        |   | Project Manager's Signature                |             |                               |
| Job Name and Address <b>TOC # 063</b>                    |              |        |        |             |                      | <b>ANALYSIS REQUIRED</b>                                                                                                           |   |                                            |             |                               |
|                                                          |              |        |        |             |                      | Detection Limits                                                                                                                   |   |                                            |             | Test Requirements             |
|                                                          |              |        |        |             |                      | Test Name                                                                                                                          |   |                                            |             |                               |
| AA ID.#                                                  | Client's ID. | Date   | Time   | Sample Type | Number of Containers | <div style="display: flex; justify-content: space-around;"> <span>PT</span> <span>MT</span> <span>WT</span> <span>BT</span> </div> |   |                                            |             |                               |
| 13059                                                    | MWS          | 1.6.93 | 11:00A | GRAB        | 2                    | X                                                                                                                                  | X |                                            |             |                               |
| 13060                                                    | MWS          | 1.6.93 | 10:30A | GRAB        | 1                    | X                                                                                                                                  | X |                                            |             |                               |
| 13061                                                    | TRIP BLANK   | 1.6.93 | 7:00AM |             | 1                    | X                                                                                                                                  | X |                                            |             |                               |
| → One Vial Broken!<br>→ " "                              |              |        |        |             |                      |                                                                                                                                    |   |                                            |             |                               |
| <b>SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB</b> |              |        |        |             |                      | Relinquished by: <i>Eugeniu Garmann</i>                                                                                            |   | Date: 1/1/93                               | Time: 10:00 | Received by: <i>Rosen Hal</i> |
| Samples Intact Yes _____ No _____                        |              |        |        |             |                      | Relinquished by: _____                                                                                                             |   | Date: _____                                | Time: _____ | Received by: _____            |
| Samples Properly Cooled Yes _____ No _____               |              |        |        |             |                      | Relinquished by: _____                                                                                                             |   | Date: _____                                | Time: _____ | Received by: _____            |
| Samples Accepted Yes _____ No _____                      |              |        |        |             |                      | Relinquished by: _____                                                                                                             |   | Date: _____                                | Time: _____ | Received by: _____            |
| If Not Why: _____                                        |              |        |        |             |                      | Relinquished by: _____                                                                                                             |   | Date: _____                                | Time: _____ | Received by: _____            |
| AA Project No. <b>A135063-11</b>                         |              |        |        |             |                      | Relinquished by: _____                                                                                                             |   | Date: _____                                | Time: _____ | Received by: _____            |



LABORATORY ANALYSIS RESULTS

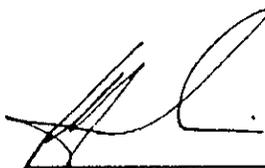
**Client:** Thrifty Oil Company  
**Project No.:** N/A  
**Project Name:** TOC #063  
**Sample Matrix:** Water  
**Method:** EPA 8020 (BTEX)/8015M (Gasoline)

**AA Project No.:** A135063-15  
**Date Sampled:** 7/13/93  
**Date Received:** 7/15/93  
**Date Reported:** 7/16/93

| <b>Date Analyzed:</b>   | <b>7/15/93</b> | <b>7/15/93</b> | <b>7/15/93</b>    | <b>Reporting<br/>Detection<br/>Limits</b> | <b>Units</b> |
|-------------------------|----------------|----------------|-------------------|-------------------------------------------|--------------|
| <b>AA I.D. #:</b>       | <b>16562</b>   | <b>16563</b>   | <b>16564</b>      |                                           |              |
| <b>Client I.D. #:</b>   | <b>MW6</b>     | <b>MW5</b>     | <b>Trip Blank</b> |                                           |              |
| <b><u>Compounds</u></b> |                |                |                   |                                           |              |
| Benzene                 | <0.5           | 1.1            | <0.5              | 0.5                                       | µg/L         |
| Toluene                 | <0.5           | 0.5            | <0.5              | 0.5                                       | µg/L         |
| Ethylbenzene            | <0.5           | 1.0            | <0.5              | 0.5                                       | µg/L         |
| Xylenes                 | <1             | 1.5            | <1                | 1                                         | µg/L         |
| Gasoline Range Organics | <0.1           | <0.1           | <0.1              | 0.1                                       | mg/L         |

---

<: Not detected at or above the value of the concentration indicated.

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George Havalias  
Laboratory Director

mls



LABORATORY QA/QC REPORT

Client: Thrifty Oil Company  
Method: EPA 8020 (BTEX)/8015M (Gasoline)  
Sample ID: Matrix Spike

A.A. Project No.: A135063-15  
Sample Matrix: Water  
Date Analyzed: 7/15/93  
Date Reported: 7/16/93

| Compounds               | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|-------------------------|--------------------|------------------------------|---------|
| Benzene                 | 102                | 97                           | 5       |
| Toluene                 | 97                 | 93                           | 6       |
| Ethylbenzene            | 102                | 97                           | 5       |
| Total Xylenes           | 103                | 99                           | 4       |
| Gasoline Range Organics | 112                | 107                          | 5       |

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RPD: Relative Percent Difference

George Havalias  
Laboratory Director

mls



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DATE: 7.12.93

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|                                                          |              |         |        |             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------|--------------|---------|--------|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|------|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| AA Client <b>THRIFTY OIL CO</b>                          |              |         |        |             |                      | Phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | Sampler's Name <b>EUGENIU GARMAN</b>      |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Manager <b>MICHAEL COSBY</b>                     |              |         |        |             |                      | P.O. No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | Sampler's Signature <i>Eugeniu Garmen</i> |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Name <b>SS # 063</b>                             |              |         |        |             |                      | Project No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | Project Manager's Signature               |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Job Name and Address <b>SS # 063</b>                     |              |         |        |             |                      | <b>ANALYSIS REQUIRED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |              |         |        |             |                      | Detection Limits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Test Requirements                         |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |              |         |        |             |                      | Test Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AA ID.#                                                  | Client's ID. | Date    | Time   | Sample Type | Number of Containers | <table border="1" style="width:100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">TPH</td> <td style="text-align: center;">BTEX</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |      |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TPH | BTEX |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |              |         |        |             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |              |         |        |             |                      | TPH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | BTEX |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16562                                                    | MW 6         | 7.13.93 | 11:45A | GRAB        | 3                    | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | x    |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16563                                                    | MW 5         | 7.13.93 | 12:10P | GRAB        | 3                    | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | x    |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16564                                                    | TRIS BLANK   | 7.13.93 | 7:00P  |             | 2                    | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | x    |                                           |      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB</b> |              |         |        |             |                      | Relinquished by: <i>Eugeniu Garmen</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | Date                                      | Time | Received by: <i>Ronan Hal A.A.</i> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Samples Intact Yes _____ No _____                        |              |         |        |             |                      | Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date                                      | Time | Received by:                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Samples Property Cooled Yes _____ No _____               |              |         |        |             |                      | Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date                                      | Time | Received by:                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Samples Accepted Yes _____ No _____                      |              |         |        |             |                      | Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date                                      | Time | Received by:                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| If Not Why: _____                                        |              |         |        |             |                      | Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date                                      | Time | Received by:                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AA Project No. <b>A135063-15</b>                         |              |         |        |             |                      | Relinquished by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date                                      | Time | Received by:                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



**LABORATORY ANALYSIS RESULTS**

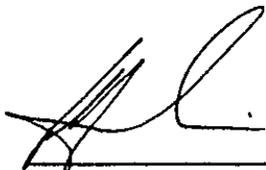
**Client:** Thrifty Oil Company  
**Project No.:** N/A  
**Project Name:** TOC #063  
**Sample Matrix:** Water  
**Method:** EPA 8020 (BTEX)/8015M (Gasoline)

**AA Project No.:** A135063-15  
**Date Sampled:** 7/13/93  
**Date Received:** 7/15/93  
**Date Reported:** 7/16/93

| <b>Date Analyzed:</b>   | <b>7/15/93</b> | <b>7/15/93</b> | <b>7/15/93</b>    | <b>Reporting<br/>Detection<br/>Limits</b> | <b>Units</b> |
|-------------------------|----------------|----------------|-------------------|-------------------------------------------|--------------|
| <b>AA I.D. #:</b>       | <b>16562</b>   | <b>16563</b>   | <b>16564</b>      |                                           |              |
| <b>Client I.D. #:</b>   | <b>MW6</b>     | <b>MW5</b>     | <b>Trip Blank</b> |                                           |              |
| <b><u>Compounds</u></b> |                |                |                   |                                           |              |
| Benzene                 | <0.5           | 1.1            | <0.5              | 0.5                                       | µg/L         |
| Toluene                 | <0.5           | 0.5            | <0.5              | 0.5                                       | µg/L         |
| Ethylbenzene            | <0.5           | 1.0            | <0.5              | 0.5                                       | µg/L         |
| Xylenes                 | <1             | 1.5            | <1                | 1                                         | µg/L         |
| Gasoline Range Organics | <0.1           | <0.1           | <0.1              | 0.1                                       | mg/L         |

---

<: Not detected at or above the value of the concentration indicated.



---

George Havalias  
Laboratory Director

mis



LABORATORY QA/QC REPORT

Client: Thrifty Oil Company  
Method: EPA 8020 (BTEX)/8015M (Gasoline)  
Sample ID: Matrix Spike

A.A. Project No.: A135063-15  
Sample Matrix: Water  
Date Analyzed: 7/15/93  
Date Reported: 7/16/93

| Compounds               | Spike Recovery (%) | Spike/Duplicate Recovery (%) | RPD (%) |
|-------------------------|--------------------|------------------------------|---------|
| Benzene                 | 102                | 97                           | 5       |
| Toluene                 | 97                 | 93                           | 6       |
| Ethylbenzene            | 102                | 97                           | 5       |
| Total Xylenes           | 103                | 99                           | 4       |
| Gasoline Range Organics | 112                | 107                          | 5       |

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RPD: Relative Percent Difference

George Havalias  
Laboratory Director

mis



# AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

(818) 998-5547    (818) 998-5548    1-800-533-TEST    1-800-533-8378    FAX (818) 998-7258

DATE: 7.12.93

PAGE 1 OF 1

|                                      |             |                                           |
|--------------------------------------|-------------|-------------------------------------------|
| AA Client <b>THRIFTY OIL CO</b>      | Phone       | Sampler's Name <b>EUGENIU GASMAN</b>      |
| Project Manager <b>MICHAEL COSBY</b> | P.O. No.    | Sampler's Signature <i>Eugeniu Gasman</i> |
| Project Name <b>SS # 063</b>         | Project No. | Project Manager's Signature               |

| ANALYSIS REQUIRED        |                  |                |               |             |                      | Test Requirements |
|--------------------------|------------------|----------------|---------------|-------------|----------------------|-------------------|
| Job Name <b>SS # 063</b> |                  |                |               |             |                      |                   |
| Detection Limits         |                  |                |               |             |                      |                   |
| Address                  |                  |                |               |             |                      |                   |
| AA ID.#                  | Client's ID.     | Date           | Time          | Sample Type | Number of Containers | Test Name         |
|                          |                  |                |               |             |                      | TPH               |
|                          |                  |                |               |             |                      | BTEX              |
| <b>16562</b>             | <b>MW 6</b>      | <b>7.13.93</b> | <b>11:45A</b> | <b>GRAB</b> | <b>3</b>             | X X               |
| <b>16563</b>             | <b>MW 5</b>      | <b>7.13.93</b> | <b>12:15P</b> | <b>GRAB</b> | <b>3</b>             | X X               |
| <b>16564</b>             | <b>TRT BLANK</b> | <b>7.13.93</b> | <b>7:00P</b>  |             | <b>2</b>             | X X               |

|                                                          |                    |                                        |                   |                    |                                    |
|----------------------------------------------------------|--------------------|----------------------------------------|-------------------|--------------------|------------------------------------|
| <b>SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB</b> |                    | Relinquished by: <i>Eugeniu Gasman</i> | Date: <b>7/15</b> | Time: <b>10:00</b> | Received by: <i>Romer Hal A.A.</i> |
| Sample Intact                                            | Yes _____ No _____ | Relinquished by:                       | Date:             | Time:              | Received by:                       |
| Sample Properly Cooled                                   | Yes _____ No _____ | Relinquished by:                       | Date:             | Time:              | Received by:                       |
| Sample Accepted                                          | Yes _____ No _____ | Relinquished by:                       | Date:             | Time:              | Received by:                       |
| If Not Why: _____                                        |                    | Relinquished by:                       | Date:             | Time:              | Received by:                       |
| AA Project No. <b>A135063-15</b>                         |                    | Relinquished by:                       | Date:             | Time:              | Received by:                       |



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December 3, 1993

**Quality Control Report**  
**Matrix Spike and Duplicate Spike**

Client: Thrifty Oil  
File No: 72553  
Report No: 32881552  
Matrix: Water  
Method: EPA 602/8015  
Lab No: 3288162704  
Batch No: 3289602/8015-1  
Date Analyzed: 10/16/93

| <u>PARAMETER</u> |      | <u>SAMPLE RESULTS</u><br>(ug/l) | <u>AMOUNT SPIKED</u><br>(ug/l) | <u>AMOUNT RECOVERED</u><br>(ug/l) | <u>% REC</u> | <u>SPIKE RECOVERY ACCEPTANCE RANGE(%)</u> | <u>R. P. D.</u> |
|------------------|------|---------------------------------|--------------------------------|-----------------------------------|--------------|-------------------------------------------|-----------------|
| Benzene          | (S)  | ND                              | 22.7                           | 19.7                              | 87           |                                           |                 |
| Benzene          | (DS) | ND                              | 22.7                           | 21.2                              | 93           | 77-120                                    | 7%              |
| Toluene          | (S)  | ND                              | 22.7                           | 19.8                              | 87           |                                           |                 |
| Toluene          | (DS) | ND                              | 22.7                           | 21.5                              | 95           | 75-115                                    | 8%              |
| Ethyl Benzene    | (S)  | ND                              | 22.7                           | 20.1                              | 88           |                                           |                 |
| Ethyl Benzene    | (DS) | ND                              | 22.7                           | 24.6                              | 95           | 60-130                                    | 8%              |
| Xylene           | (S)  | ND                              | 68.1                           | 60.7                              | 89           |                                           |                 |
| Xylene           | (DS) | ND                              | 68.1                           | 65.7                              | 96           | 50-130                                    | 8%              |

S - Spike  
DS - Duplicate Spike  
R.P.D. - Relative Percent Difference  
ND - None Detected



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CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 10.11.93 PAGE 1 OF 1  
FILE NO. 72553 LAB NO. 3298155201

CLIENT NAME: THIRTY OIL CO

ANALYSES REQUESTED:

REMARKS:

PROJECT NAME: PROJECT NO. SS #063 P.O. NO.

ADDRESS:

PROJECT MANAGER: MICHAEL COSBY PHONE # (310) 923-9876 FAX #:

SAMPLER NAME: EUGENIU CASMAN (Printed) *Eugeniu Casman* (Signature)

TAT (Analytical Turn Around Time) 0 = Same Day, 1 = 24 Hour, 2 = 48 Hour, (Etc.)

CONTAINER TYPES: B = Brass, G = Glass, P = Plastic, V = Voa Vial, O = Other:

| SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | SAMPLE DESCRIPTION | MATRIX |      |        |       | TAT | CONTAINER |      | 8015M GAS <input checked="" type="checkbox"/> DIESEL <input type="checkbox"/> | 602/8020 BTEX | 418.1 |  |  |  |  |  |  | SAMPLE CONDITION/ COMMENTS: |
|------------|--------------|--------------|--------------------|--------|------|--------|-------|-----|-----------|------|-------------------------------------------------------------------------------|---------------|-------|--|--|--|--|--|--|-----------------------------|
|            |              |              |                    | WATER  | SOIL | SLUDGE | OTHER |     | #         | TYPE |                                                                               |               |       |  |  |  |  |  |  |                             |
| EFFLUENT   | 10.11.93     | 15:40        |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |
| INTERMED   | 10.11.93     | 15:50        |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |
| INFLUENT   | 10.11.93     | 16:25        |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |
| MW5        | 10.11.93     | 15:25        |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |
| MW6        | 10.11.93     | 15:10        |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |
| TRIP BLKT  | 10.11.93     | 7:00         |                    | X      |      |        |       |     | 2         | V    | X                                                                             | X             |       |  |  |  |  |  |  |                             |

Relinquished By: (Signature and Printed Name) E. CASMAN *Eugeniu Casman*

Received By: (Signature and Printed Name) FIDEX Date: 10.14.93 Time:

Relinquished By: (Signature and Printed Name) FIDEX *William Urrutia*

Received By: (Signature and Printed Name) WILLIAM URRUTIA Date: 10/15/93 Time: 1330

Relinquished By: (Signature and Printed Name)

Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:  
1. Samples returned to client? YES NO  
2. Samples will not be stored over 30 days, unless additional storage time is requested.  
3. Storage time requested: \_\_\_\_\_ days  
By \_\_\_\_\_ Date \_\_\_\_\_



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Thrifty Oil Co.  
 File# 72553  
 10000 Lakewood Blvd.  
 Downey, CA 90240

12/04/93

Attn: Michael S. Cosby  
 310/923/9876

T.O.C.# 063  
 Chain of custody

-----  
 Sample #: 3288155204  
 Received: 10/15/93  
 Type: Water

Collector: Client  
 Sampling Date & Time: 10/11/93, 1525  
 Method: Submitted By Client

I.D.: MW 5

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 10/16/93 |         |          |
| Analysis Date              |           | 10/16/93 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | 130      | ug/l    | 60 ug/l  |
| Benzene                    | EPA 602   | 1.2      | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.6 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 91       | Percent |          |



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Thrifty Oil Co.  
 File# 72553  
 10000 Lakewood Blvd.  
 Downey, CA 90240

12/04/93

Attn: Michael S. Cosby  
 310/923/9876

T.O.C.# 063  
 Chain of custody

-----  
 Sample #: 3288155205  
 Received: 10/15/93  
 Type: Water

Collector: Client  
 Sampling Date & Time: 10/11/93, 1510  
 Method: Submitted By Client

I.D.: MW 6

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 10/16/93 |         |          |
| Analysis Date              |           | 10/16/93 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | ND       | ug/l    | 60 ug/l  |
| Benzene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.6 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 101      | Percent |          |



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Thrifty Oil Co.  
File# 72553  
10000 Lakewood Blvd.  
Downey, CA 90240

12/04/93

Attn: Michael S. Cosby  
310/923/9876

T.O.C.# 063  
Chain of custody

-----  
Sample #: 3288155206  
Received: 10/15/93  
Type: Water

Collector: Client  
Sampling Date & Time: 10/11/93, 0700  
Method: Submitted By Client

I.D.: Trip Blank

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 10/16/93 |         |          |
| Analysis Date              |           | 10/16/93 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | ND       | ug/l    | 60 ug/l  |
| Benzene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.6 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 99       | Percent |          |

Respectfully Submitted,

*Shahid Noori*

Shahid Noori, Manager Chemical Lab



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Thrifty Oil Co.  
File# 72553  
10000 Lakewood Blvd.  
Downey, CA 90240

01/18/94

Attn: Michael S. Cosby  
310/923/9876

T.O.C# 063  
Chain of custody

Sample #: 4012111601  
Received: 01/12/94  
Type: Water

Collector: Client  
Sampling Date & Time: 01/11/94, 1430  
Method: Submitted By Client

I.D.: MW - 5

T.O.C# 063

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 01/12/94 |         |          |
| Analysis Date              |           | 01/12/94 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | ND       | ug/l    | 50 ug/l  |
| Benzene                    | EPA 602   | 1.5      | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.5 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 95       | Percent |          |



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Thrifty Oil Co.  
File# 72553  
10000 Lakewood Blvd.  
Downey, CA 90240

01/18/94

Attn: Michael S. Cosby  
310/923/9876

T.O.C# 063  
Chain of custody

Sample #: 4012111602  
Received: 01/12/94  
Type: Water

Collector: Client  
Sampling Date & Time: 01/11/94, 1450  
Method: Submitted By Client

I.D.: MW - 6

T.O.C# 063

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 01/12/94 |         |          |
| Analysis Date              |           | 01/12/94 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | ND       | ug/l    | 50 ug/l  |
| Benzene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.5 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 95       | Percent |          |



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Thrifty Oil Co.  
File# 72553  
10000 Lakewood Blvd.  
Downey, CA 90240

01/18/94

Attn: Michael S. Cosby  
310/923/9876

T.O.C# 063  
Chain of custody

Sample #: 4012111603  
Received: 01/12/94  
Type: Water

Collector: Client  
Sampling Date & Time: 01/11/94, 1830  
Method: Submitted By Client

I.D.: Trip Blank

T.O.C# 063

| CONSTITUENT                | METHOD    | RESULT   | UNIT    | MDL      |
|----------------------------|-----------|----------|---------|----------|
| Extraction Method/Date     | EPA 5030  | 01/12/94 |         |          |
| Analysis Date              |           | 01/12/94 |         |          |
| EPA 8015M/602, Combination |           | *        |         |          |
| TPH-Gasoline               | EPA 8015M | ND       | ug/l    | 50 ug/l  |
| Benzene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Toluene                    | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Ethylbenzene               | EPA 602   | ND       | ug/l    | 0.3 ug/l |
| Xylenes                    | EPA 602   | ND       | ug/l    | 0.5 ug/l |
| Surrogate                  |           | *        |         |          |
| Trifluorotoluene           | EPA 602   | 100      | Percent |          |

Respectfully Submitted,

*Shahid Noori*

Shahid Noori, Manager Chemical Lab



# SMITH-EMERY COMPANY

The Full Service Independent Testing Laboratory, Established 1904

781 East Washington Boulevard  
P.O. Box 880550, Hunter's Point Shipyard Bldg 114  
5427 East La Palma Avenue

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- San Francisco, California 94188
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- (415) 330-3000
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- Fax: (213) 746-7228
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January 18, 1994

## Quality Control Report Matrix Spike and Duplicate Spike

Client: Thrifty Oil Co  
 File No: 72553  
 Report No: 40121116  
 Matrix: Water  
 Method: EPA 602/8015  
 Lab No: 4011155301  
 Batch No: 4012602/8015-1  
 Date Analyzed: 1/12/94

| <u>PARAMETER</u> |      | <u>SAMPLE RESULTS</u><br>(ug/l) | <u>AMOUNT SPIKED</u><br>(ug/l) | <u>AMOUNT RECOVERED</u><br>(ug/l) | <u>% REC</u> | <u>SPIKE RECOVERY ACCEPTANCE RANGE (%)</u> | <u>R.P.D.</u> |
|------------------|------|---------------------------------|--------------------------------|-----------------------------------|--------------|--------------------------------------------|---------------|
| Benzene          | (S)  | ND                              | 18                             | 15.9                              | 88           |                                            |               |
| Benzene          | (DS) | ND                              | 18                             | 15.8                              | 88           | 77-120                                     | 1%            |
| Toluene          | (S)  | ND                              | 18                             | 16.0                              | 89           |                                            |               |
| Toluene          | (DS) | ND                              | 18                             | 16.5                              | 91           | 75-115                                     | 3%            |
| Ethyl Benzene    | (S)  | ND                              | 18                             | 15.7                              | 87           |                                            |               |
| Ethyl Benzene    | (DS) | ND                              | 18                             | 16.1                              | 89           | 60-130                                     | 3%            |
| Xylene           | (S)  | ND                              | 54                             | 54.0                              | 100          |                                            |               |
| Xylene           | (DS) | ND                              | 54                             | 56.0                              | 104          | 50-130                                     | 4%            |

S - Spike  
 DS - Duplicate Spike  
 R.P.D. - Relative Percent Difference  
 ND - None Detected



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**CHAIN OF CUSTODY AND ANALYSIS REQUEST**

DATE: 01/11/94 PAGE 1 OF 1  
FILE NO. 72553 LAB NO. 401-111601

CLIENT NAME: THRIFTY OIL CO

ANALYSES REQUESTED:

REMARKS:

PROJECT NAME: PROJECT NO. SS #063 P.O. NO:

ADDRESS:

PROJECT MANAGER: MICHAEL COSBY PHONE #: FAX #:

SAMPLER NAME: EUGENIU GASMAN *Eugeniu Gasman*  
(Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same Day; 1 = 24 Hour; 2 = 48 Hour; (Etc.)

CONTAINER TYPES: B = Brass, G = Glass, P = Plastic, V = Voa Vial, O = Other:

| SAMPLE NO. | DATE SAMPLED | TIME SAMPLED | SAMPLE DESCRIPTION | MATRIX                              |      |        |       | TAT | CONTAINER |      | 8015M GAS <input checked="" type="checkbox"/> DIESEL <input type="checkbox"/> | 602/8020 BTEX                       | 418.1 | SAMPLE CONDITION/ COMMENTS: |
|------------|--------------|--------------|--------------------|-------------------------------------|------|--------|-------|-----|-----------|------|-------------------------------------------------------------------------------|-------------------------------------|-------|-----------------------------|
|            |              |              |                    | WATER                               | SOIL | SLUDGE | OTHER |     | #         | TYPE |                                                                               |                                     |       |                             |
| MW 5       | 01/11/94     | 14:30        |                    | <input checked="" type="checkbox"/> |      |        |       |     | 2         | V    | <input checked="" type="checkbox"/>                                           | <input checked="" type="checkbox"/> |       |                             |
| MW 6       | 01/11/94     | 14:50        |                    | <input checked="" type="checkbox"/> |      |        |       |     | 2         | V    | <input checked="" type="checkbox"/>                                           | <input checked="" type="checkbox"/> |       |                             |
| TRIP BLANK | 01/11/94     | 6:30         |                    | <input checked="" type="checkbox"/> |      |        |       |     | 2         | V    | <input checked="" type="checkbox"/>                                           | <input checked="" type="checkbox"/> |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |
|            |              |              |                    |                                     |      |        |       |     |           |      |                                                                               |                                     |       |                             |

Relinquished By: (Signature and Printed Name) E. CASMAN *Eugeniu Gasman* Received By: (Signature and Printed Name) Fed-X  
Date: Time:  
Relinquished By: (Signature and Printed Name) Fed-X Received By: (Signature and Printed Name) Mr. C. J. ...  
Date: 1/12/94 Time: 1000  
Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name)  
Date: Time:

**SAMPLE DISPOSITION:**  
1. Samples returned to client? YES NO  
2. Samples will not be stored over 30 days, unless additional storage time is requested.  
3. Storage time requested: \_\_\_\_\_ days  
By \_\_\_\_\_ Date \_\_\_\_\_

SPECIAL INSTRUCTIONS: