THRIFTY OIL CO.

June 23, 2005 O-58140

Mr. David Felix
Department of Environmental Health
San Diego County
P.O. Box 129261
San Diego, CA 92112-9261

Re: Thrifty Oil Co. Station #406
1902 Sunset Cliff Blvd.
San Diego, California
DEH-SAM Release #H05358-002

Subject: Semi-annual Status Report – First Half 2005

Dear Mr. Felix:

Please find enclosed herewith the First Half 2005 Status Report for Thrifty Oil Co. Station #406, located 1902 Sunset Cliff Boulevard, San Diego, California.

If you should have any questions or comments regarding this transmittal, please do not hesitate to contact either Jim Zenor or myself at (562) 921-3581.

Sincerely,

Chris Panaitescu
General Manager
Environmental Affairs

cc: BP West Coast Products LLP
File

13116 Imperial Hwy, Santa Fe Springs, CA 90670-0138 • Ph: (562)921-3581

THRIFTY OIL CO.

First Half 2005 Status Report
Thrifty Oil Co. Former Station #406
June 23, 2005

Site Information:

Site address:	TOC SS #406 (ARCO #9751)
	1902 Sunset Cliff Blvd.
	San Diego, CA
Global ID No.:	T0607301695
EDF Confirmation No.:	6663805127 and 7521980047
Lead Agency No.:	H05358-002
Lead Agency:	San Diego Co. Dept. of Env. Health
Agency Contact:	Mr. David Felix / 619-338-2258
Project Manager / Phone Number:	Jim Zenor / 562-921-3581 ext. 427

Field Activity:

Groundwater wells onsite:	9
Groundwater wells offsite:	11
Date(s) monitored:	4/21/05
Date(s) sampled:	4/21/05 and 4/22/05
Groundwater wells gauged:	20
Groundwater wells sampled:	18 (well MW-1 and TDD-1 not accessible)
Purging method:	Pump
Treatment / disposal method during sampling event:	Mobile treatment unit
Groundwater wells with free product:	0
Free product thickness (feet):	0
Free product removed this period (gals.)	N/A
Free product removed to date (gals.):	N/A

Site Hydrogeology:

Depth to groundwater (feet bgs):	2.56 to 5.30
Groundwater elevation (feet relative to MSL):	21.84 to 28.41
Groundwater gradient and flow direction:	0.02 ft/ft, Northeasterly
Consistent with previous gradient/flow direction:	Yes

Groundwater Conditions:

TPH-G concentration (ug/L)	ND<15 to 64,800
Benzene concentration (ug/L)	ND<0.04 to 6,780
Toluene concentration (ug/L)	ND<0.02 to 5,020
Ethyl benzene concentration (ug/L)	ND<0.02 to 3,030
Total xylenes concentration (ug/L)	ND<0.06 to 6,980
MTBE concentration (ug/L)	ND<0.18 to 1,920
DIPE concentration (ug/L)	ND<0.29 to <29
ETBE concentration (ug/L)	ND<0.17 to <17
TAME concentration (ug/L)	ND<0.28 to 30
TBA concentration (ug/L)	ND<10 to 2,880

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Groundwater Monitoring and Sampling Activities:

- BBC Environmental Inc. performed semi-annual groundwater monitoring and sampling on April 21 and 22, 2005. **Tables 1** and **2** present historical groundwater elevation and analytical data. A total of 294.1 gallons were purged prior to sampling and placed in DOT-approved 55-gallon drums treated onsite by BBC and discharged to sewer in compliance with their permit. Free product was not observed in the site wells during this reporting period. Construction activity on April 22, 2005 prevented access to sample wells MW-1 and TDD-1. Semi-annual monitoring and sampling field data sheets are included in **Appendix A** and analytical reports for the groundwater samples collected during the semi-annual monitoring and sampling are included in **Appendix B. Figures 2** through **6** show groundwater elevation contours and concentrations of TPHg, benzene, MTBE, and TBA in groundwater, respectively

Site Assessment, Risk Assessment, and Remedial Activities:

- Due to the presence of a residence (referred to as "house" in **Figure 1** just north of well MW-6, an approved soil gas survey was conducted in December 2000 to assess the potential risks to the occupants from benzene in the hydrocarbon plume at the site. The soil gas survey indicated a cancer risk to the residence of $1.07(x10^{-6})$ which is slightly above allowable limits $1.00(x10^{-6})$. Therefore, with the DEH-SAM's approval, Thrifty conducted an additional soil gas survey on April 18, 2001 around the residence to verify the potential risk. Based on the *Soil Gas Survey and Health Risk Assessment Report* dated May 10, 2001, the results of the more recent soil gas survey indicated that the risk to the residence from Thrifty's hydrocarbon plume were within acceptable limits. In a letter dated May 31, 2001, the DEH-SAM concluded that based on the May 10, 2001 report, there does not appear to be a health risk to the residence. In May 2001, the dissolved benzene in well MW-6 was 3000 ug/L. In April 2005, the benzene concentration in well MW-6 was only 49 ug/L and the calculated health risk would also be correspondingly less.
- A Work Plan for Risk Assessment, Site Assessment, and Remedial Feasibility Testing dated July 26, 2002 for the site was prepared by our consultant TRC Alton (TRC) and submitted to the DEH-SAM. The work plan included a proposal to install seven offsite wells (MW-16 through MW-22) to evaluate the lateral extent of the dissolved-phase hydrocarbon plume. The work plan also proposed conducting a risk assessment to

evaluate the necessity of active remediation. If active remediation is found to be necessary, well MW-23 was proposed to be installed as a remediation feasibility testing well. An 8-hour step test would then be conducted on well MW-23, if it did not contain LPH, to determine the constant pumping rate for a 24-hour constant rate discharge test. A DPE pilot test would then be conducted using well MW-23. If the DPE was found to be effective, a remedial action plan would be prepared and submitted to the DEH-SAM.

- In its letter dated March 4, 2003, the DEH-SAM approved the July 29, 2002 workplan with the condition that an additional well should be installed 90 to 120 feet north to north-northwest of existing monitoring well MW-18 as a replacement for well "C" which was proposed but never installed. Thrifty selected GeoHydrologic Consultants, Inc., (GHC) to perform the site assessment and risk assessment. Thrifty was negotiating with the City of San Diego regarding the encroachment permit application but was unable to reach an agreement; however, in a telephone conversation on November 20, 2003, the DEH-SAM stated that the previous requirement for additional assessment at the site, including the installation of additional offsite groundwater monitoring wells that were previously directed by the DEH-SAM, are no longer warranted or required at this time. Thrifty submitted a letter to the DEH-SAM on November 21, 2003 to confirm a phone conversation.
- Geohydrologic Consultants Inc. (GHC) completed a risk assessment and prepared and submitted a *Risk Assessment Report* dated August 11, 2003. The report concluded that there is no health risk posed by the gasoline contamination in the shallow soil and groundwater. GHC recommended free product removal by monthly over-purging from seven wells and treating the contaminated soil that can generate free product. In its letter dated September 16, 2003, the DEH-SAM approved portions of the GHC's recommendations in the August 11, 2003 *Risk Assessment Report* and TRC's July 26, 2003 workplan. The September 16, 2003 SAM letter directed over-purging of the seven wells but required that the over-purging to be conducted using a dual phase extraction (DPE) system, either with a vacuum truck or with a trailer mounted DPE system. Thrifty solicited bids from qualified consultants and on October 17, 2003, selected TRC of San Diego, California to perform the work with their trailer mounted DPE unit. Because a school is located near the site, the San Diego APDC required a public notification of the proposed work prior to granting the permit. TRC submitted the APCD permit application on December 2, 2003.

- After obtaining the required traffic control permit, TRC conducted the DPE episodes on 5/18/04, 6/1/04, 6/14/04, 6/29/04, 7/13/04, and 7/27/04. The maximum influent TPHg vapor concentrations from available laboratory reports were 10,100 ppmV on 5/18/04, 8,470 ppmV on 6/1/04, 7,970 ppmV on 6/14/04, and 10,100 ppmV on 6/29/04, 8,290 ppmV on July 13, 2004; and 4,690 ppmV on July 27, 2004. Approximately 275 pounds of hydrocarbons at a rate of 6 pounds per hour and approximately 6,875 gallons of groundwater were extracted during the six 8-hour DPE events. The results were included in TRC's *Dual-Phase Extraction Report* dated October 29, 2004. As you requested in a phone conversation on December 9, 2004, Thrifty asked TRC to revise the report to include additional information and revised recommendations. In response, TRC prepared and submitted a *Revised Dual-Phase Extraction Report* dated December 15, 2004. The revised report included recommendations to continue semi-annual groundwater monitoring and sampling for one year. If free product does not reappear by the second half 2005, TRC's recommended agency consideration of regulatory closure if free product does reappear and proposed 3 additional 12-hour monthly DPE events.
- In a letter dated February 14, 2005, the DEH-SAM requested that a CAP be prepared which would evaluate risks and if appropriate, propose no further action. Following DEH-SAM review and approval, the CAP would be submitted to adjacent property owners. GHC was selected following standard bidding protocols to prepare the CAP and perform the required notifications. In its *Corrective Action Plan* dated May 9, 2005, GHC concluded that there was not a significant risk to human health and the environment and recommended regulatory site closure. The CAP was conditionally approved by the DEH-SAM in a letter dated May 23, 2005. The conditions included the requirement to provide a copy of the notice and a list of the persons to be notified. In a letter dated June 16, 2005, GHC submitted the notification letter and a list of the parties to be notified to the DEH-SAM for review and approval. Following the approval by the DEH-SAM, GHC will submit the notification letters to the appropriate parties. If there are no negative responses after 30 days, it is our understanding that the DEH-SAM will evaluate the site for regulatory closure.

Future Activities

- Until receiving closure from the DEH-SAM, BBC will continue semi-annual groundwater monitoring, sampling;
- Thrifty will continue semi-annual reporting. If free product does not reappear by the second half of 2005, Thrifty may request consideration for regulatory site closure, if appropriate.

Interpretations expressed herein are based solely upon data collected and provided by TRC, BBC and Associated Laboratories. Should you have any questions regarding this report or require any additional information, please contact the undersigned at 562-921-3581.

Sincerely:

REGISTERED GEOLOGIST
JAMES M. ZENOR
No. 6701
STATE OF CALIFORNIA

James M. Zenor
California Registered Geologist No. 6701

Attachments:

Figures:

Figure 1	Site Plan
Figure 2	Groundwater Elevation Contour
Figure 3	TPHg Concentration in Groundwater
Figure 4	Benzene Concentration in Groundwater
Figure 5	MTBE Concentration in Groundwater
Figure 6	TBA Concentration in Groundwater

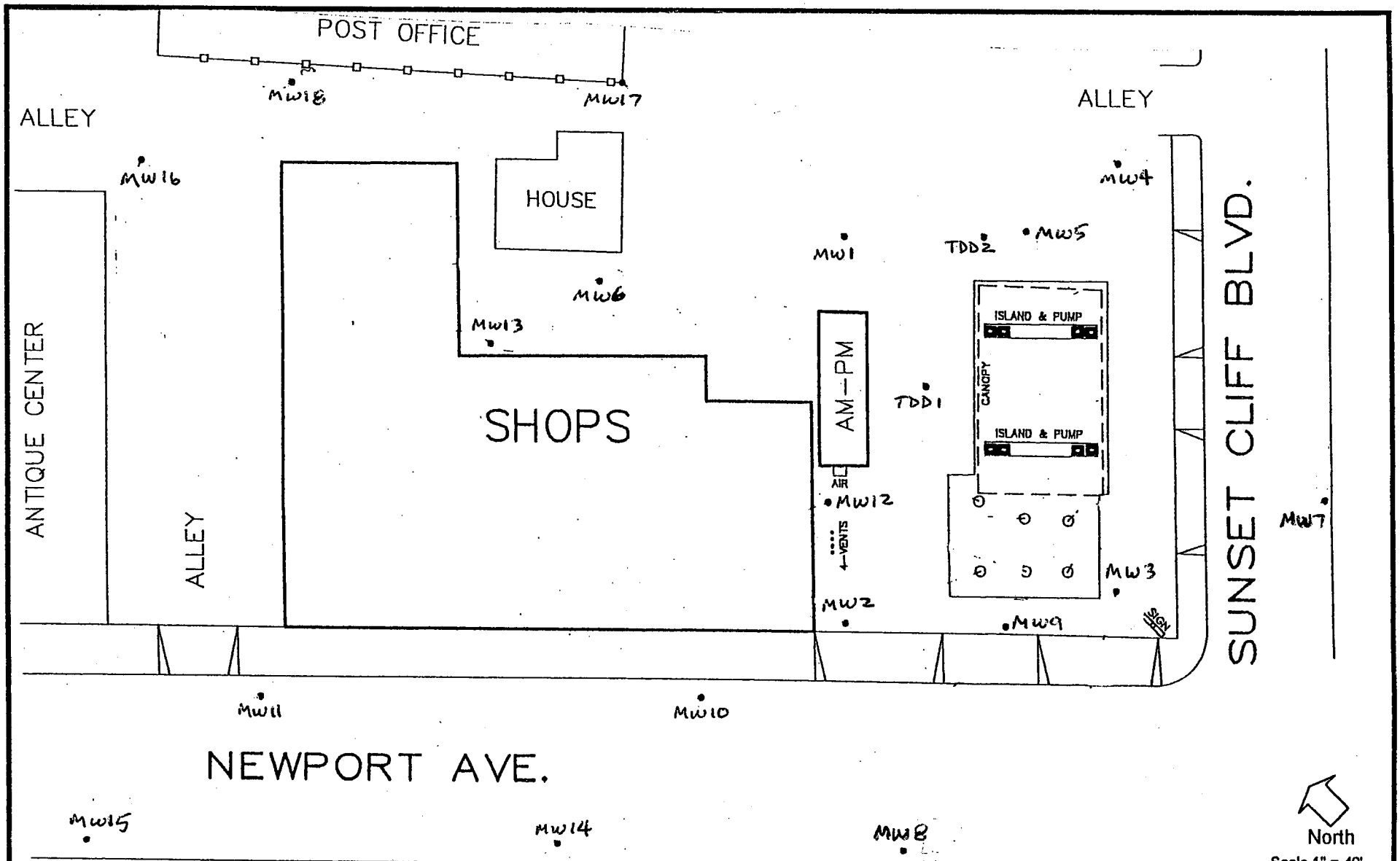
Table

Table 1	Groundwater Data
Table 2	Oxygenates Data in Groundwater

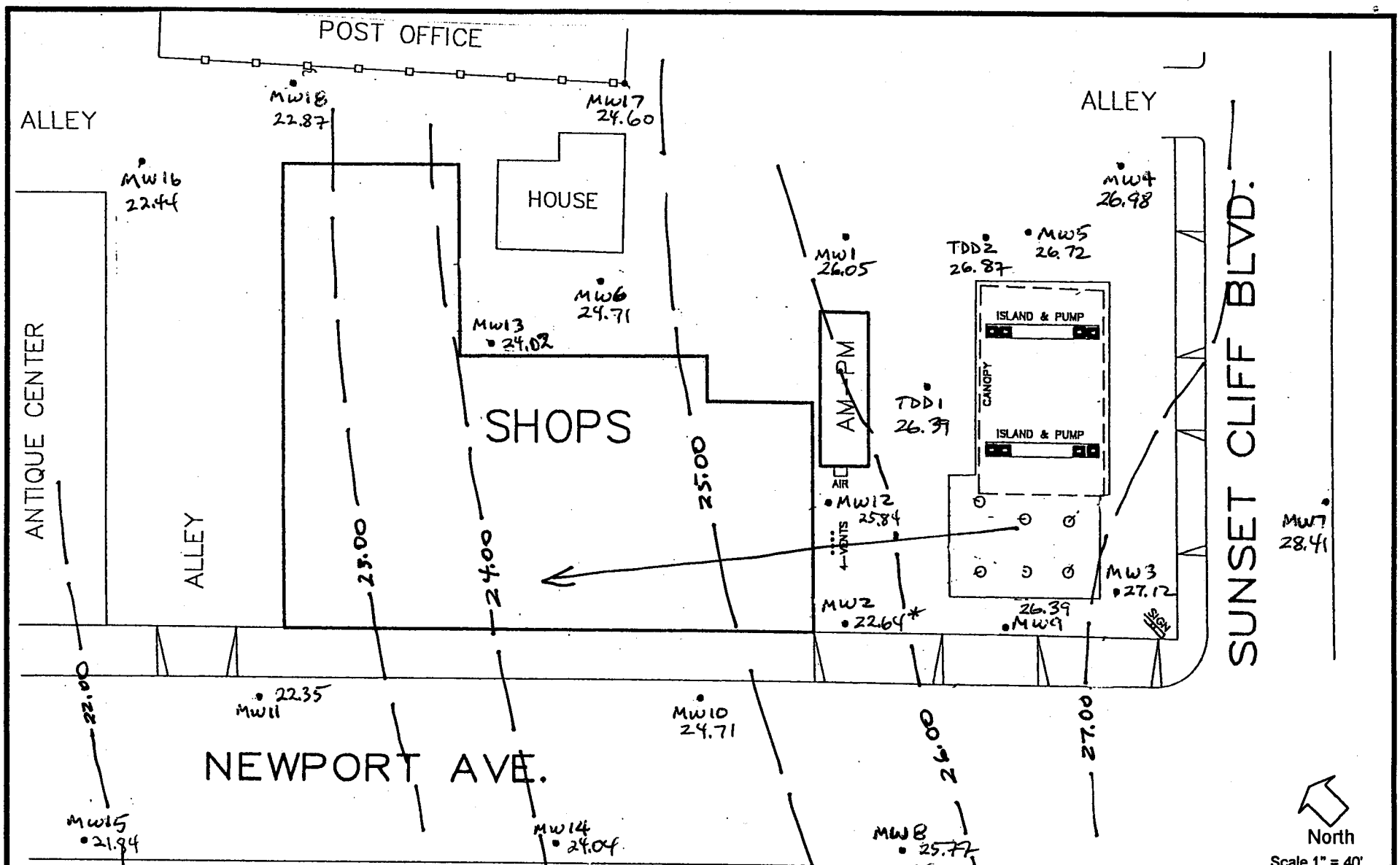
Appendices

Appendix A:	Semi-Annual Field Groundwater Monitoring Activity Data Sheets
Appendix B:	Semi-Annual Laboratory Reports and Chain of Custody Records

FIGURES



Project No.	Date	SITE PLAN	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 1



Legend

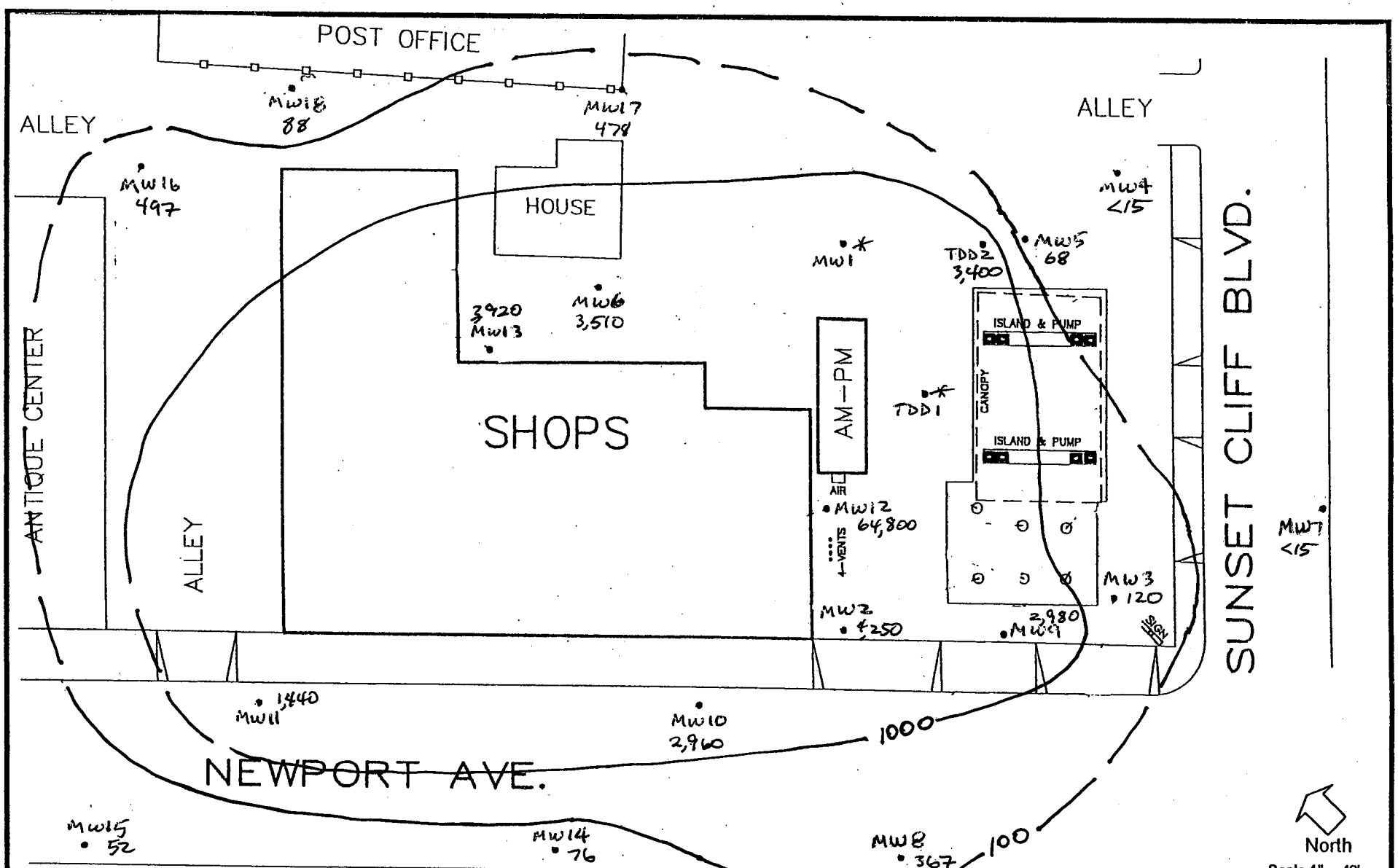
— line of equal groundwater elevation

→ inferred groundwater gradient direction

elevation in feet above msl

* Not used due to anamolous elevation

Project No.	Date 4/20/05	GROUNDWATER ELEVATION CONTOUR	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 2

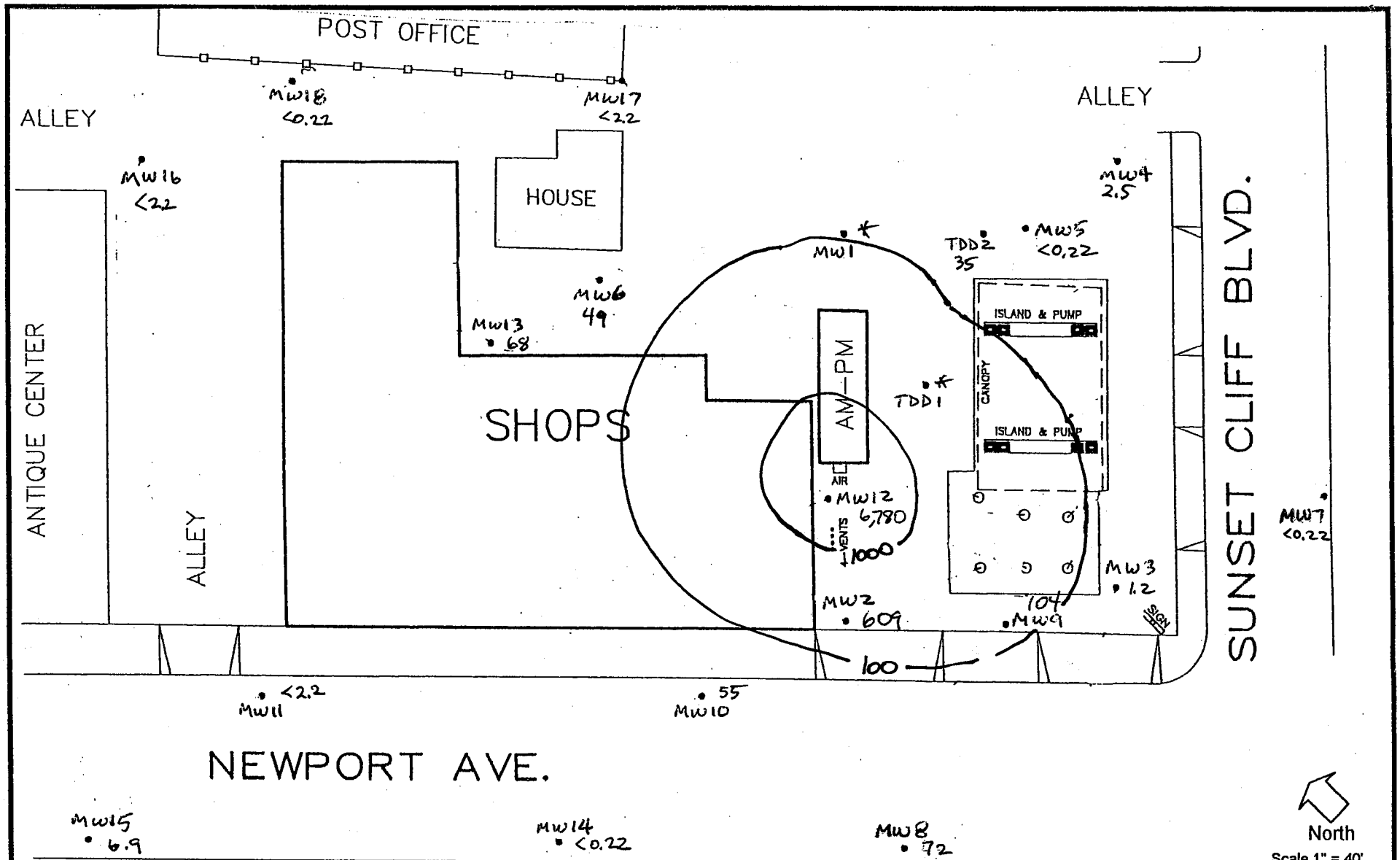


*Not sampled because well could not be accessed during construction.

"#" Concentration of dissolved TPHg in ug/L

100 Line of equal dissolved TPHg concentration

Project No.	Date 4/21/05	TPHg CONCENTRATION IN GROUNDWATER	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 3



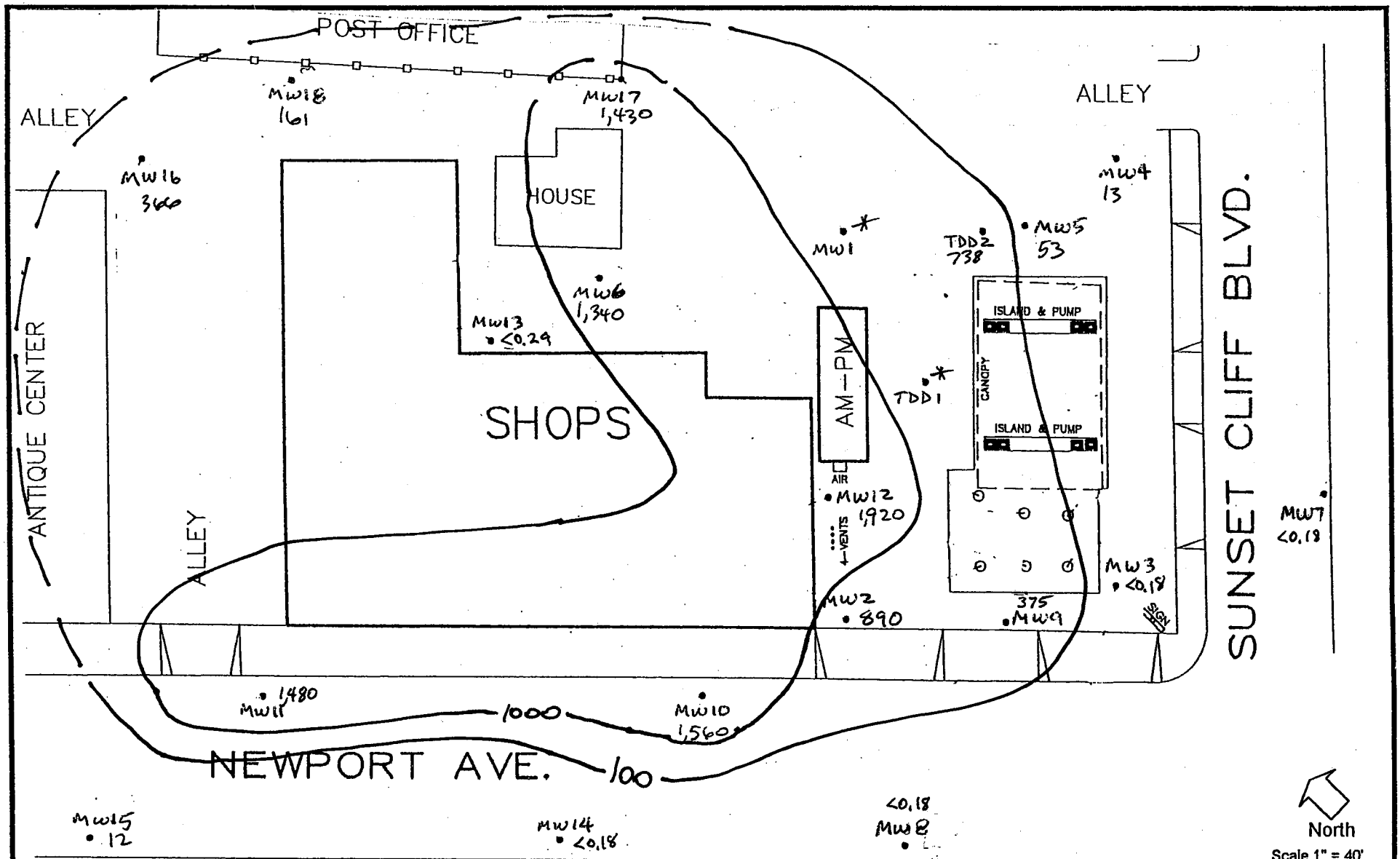
* Well not sampled because it could not be accessed during construction

Legend

"#" Concentration of dissolved benzene in ug/L

100 Line of equal dissolved benzene concentration

Project No.	Date 4/21/05	BENZENE CONCENTRATION IN GROUNDWATER	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 4



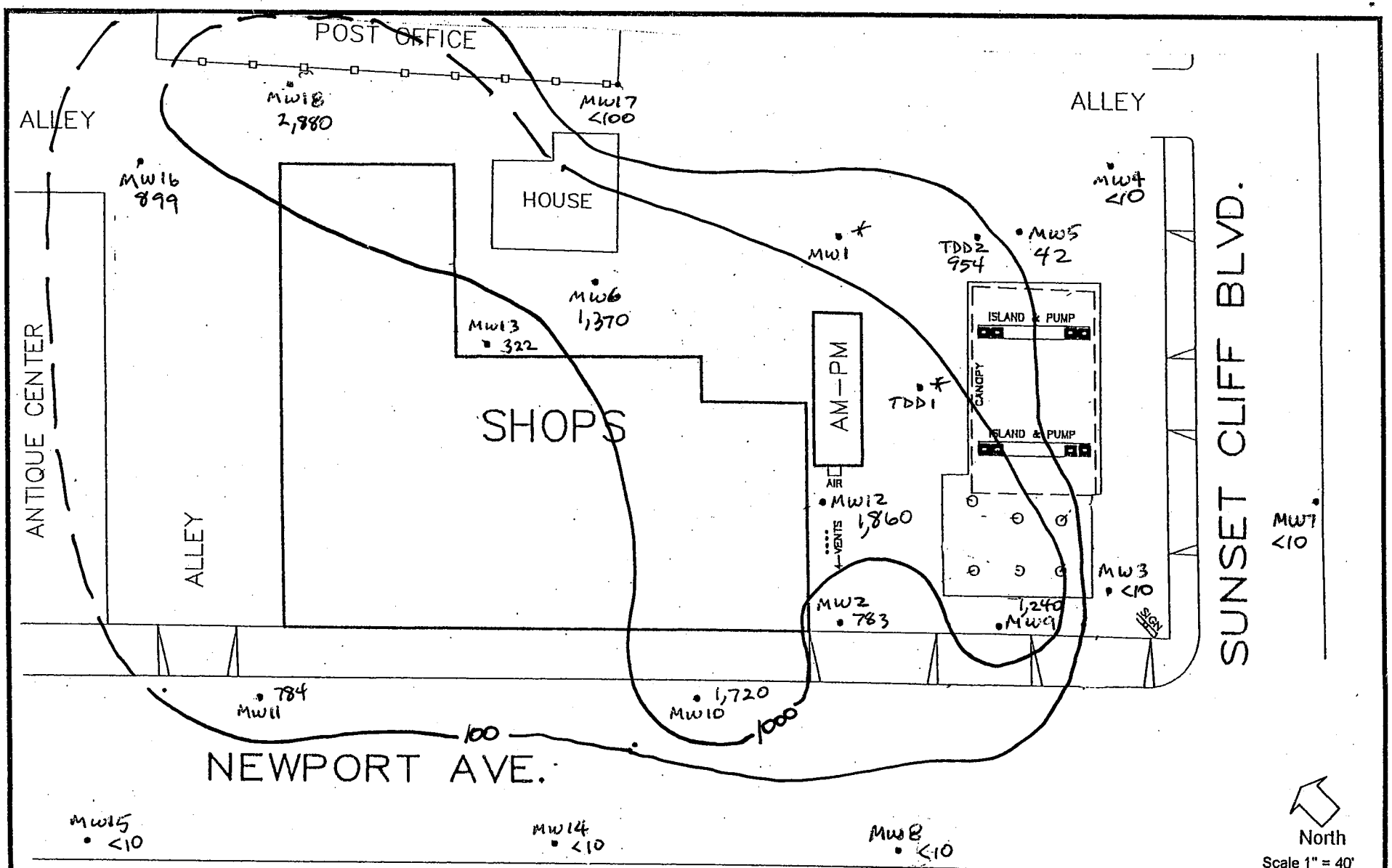
Legend

"#" Concentration of dissolved MTBE in ug/L

100 Line of equal dissolved MTBE concentration

* well not accessible during construction

Project No.	Date 4/21/05	MTBE CONCENTRATION IN GROUNDWATER	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 5



Legend

"#" Concentration of dissolved TBA in ug/L

100 Line of equal dissolved TBAconcentration

* Unaccessible due to construction

Project No.	Date 4/21/05	TBA CONCENTRATION IN GROUNDWATER	
Thrifty Oil Company 13539 E. Foster Road Santa Fe Springs, CA 90670 Ph. 562) 927-3581 Fax 562) 921-7510		Thrifty Oil Company St. #406 1902 Sunset Cliffs Blvd. San Diego, California	FIGURE 6

TABLES

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
Monitoring Well MW-1										
08/02/95	770	1.8	<0.5	0.5	<1	-	5.46	0.00	93.83	88.37
11/02/95	700	4.6	1.2	1.4	3.1	-	5.95	0.00	93.83	87.88
02/05/96	1,100	1.5	<0.3	0.36	<0.5	-	6.05	0.00	93.83	87.78
05/01/96	1,300	1.6	<0.3	0.35	<0.5	-	5.77	0.00	93.83	88.06
08/07/96	2,700	740	10	200	43	-	5.94	0.00	93.83	87.89
11/06/96	1,700	200	1.2	14	7.6	-	6.26	0.00	93.83	87.57
02/05/97	860	81	0.56	<0.3	3.1	-	5.21	0.00	93.83	88.62
05/07/97	2,000	<0.3	12	0.6	14	-	5.74	0.00	93.83	88.09
08/06/97	3,900	84	1.4	0.97	13	-	6.18	0.00	93.83	87.65
11/05/97	1,400	110	0.45	26	1.2	1,700	6.58	0.00	93.83	87.25
02/18/98	630	65	0.62	<0.3	<0.5	1,700	5.05	0.00	93.83	88.78
05/20/98	830	1.0	<0.3	<0.3	1.2	1,900	5.10	0.00	93.83	88.73
08/12/98	850	0.30	<0.3	<0.3	<0.5	1,700	5.54	0.00	93.83	88.29
11/04/98	550	<0.3	<0.3	<0.3	1.0	1,500	5.93	0.00	93.83	87.90
02/03/99	680	44	<0.3	<0.3	<0.5	* 1,400 / 2,200	5.74	0.00	93.83	88.09
05/12/99	1,500	160	0.95	<0.3	7.5	1,800	5.57	0.00	93.83	88.26
08/05/99	1,400	2.2	<0.6	<0.6	<1	2,300	5.94	0.00	93.83	87.89
11/10/99	520	<0.6	<0.6	<0.6	<1	1,700	6.04	0.00	93.83	87.79
02/16/00	130	8.5	<0.3	<0.3	<0.5	240	6.19	0.00	93.83	87.64
05/17/00	2,900	372	<2.5	<2.5	<5	2,480	5.66	0.00	93.83	88.17
08/16/00	1,030	<0.3	<0.2	<0.2	<0.4	2,770	6.14	0.00	96.70	90.56
05/24/01	155	5	<0.14	4	<0.26	114	5.50	0.00	30.48	24.98
11/21/01	91	2	<0.14	2	<0.26	47	5.85	0.00	30.48	24.63
05/30/02	100	1.3	<0.14	<0.18	<0.26	20	6.05	0.00	30.48	24.43
11/18/02	<50	2.8	1.4	2.9	1.2	51	6.42	0.00	30.48	24.06
04/24/03	106	1.3	<0.02	2.1	<0.06	48	5.28	0.00	30.48	25.20
11/12/03	64	<0.22	<0.32	<0.31	<0.4	7.6	6.04	0.00	30.48	24.44
05/24/04	52	1.3	<0.32	<0.31	<0.4	5.0	5.81	0.00	30.48	24.67
11/11/04	63	2.2	<0.32	2.1 J	<0.4	15	5.41	0.00	30.48	25.07
04/21/05	-	-	-	-	-	-	4.43	0.00	30.48	26.05
Monitoring Well MW-2				***Screen Interval = 5 to 20 feet***						
08/02/95	33,000	7,200	1,700	510	2,500	-	4.79	0.00	93.00	88.21
11/02/95	24,000	6,800	2,200	840	3,100	-	5.20	0.00	93.00	87.80
02/05/96	29,000	7,000	2,200	980	3,500	-	5.30	0.00	93.00	87.70
05/01/96	27,000	7,200	1,800	890	3,300	-	5.01	0.00	93.00	87.99
08/07/96	75,000	19,000	9,100	2,500	13,000	-	5.18	0.00	93.00	87.82

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
11/06/96	87,000	22,000	3,100	2,900	15,000	-	5.50	0.00	93.00	87.50
02/05/97	92,000	17,000	5,000	1,700	14,000	-	4.79	0.00	93.00	88.21
05/07/97	62,000	18,000	950	1,800	15,000	-	5.06	0.00	93.00	87.94
08/06/97	55,000	14,000	2,000	780	13,000	-	5.45	0.00	93.00	87.55
11/05/97	69,000	15,000	320	2,500	13,000	1,300	5.79	0.00	93.00	87.21
02/18/98	41,000	8,900	420	1,400	4,900	13,000	4.70	0.00	93.00	88.30
05/20/98	63,000	10,000	560	270	6,600	230	4.50	0.00	93.00	88.50
08/12/98	55,000	11,000	570	970	4,200	550	4.89	0.00	93.00	88.11
11/04/98	44,000	15,000	190	1,800	4,100	880	5.27	0.00	93.00	87.73
02/03/99	32,000	9,500	160	1,400	2,500	* 16,000 / 5,000	5.26	0.00	93.00	87.74
05/12/99	58,000	21,000	330	110	8,000	1,600	4.91	0.00	93.00	88.09
08/05/99	59,000	17,000	270	2,300	5,400	<1,000	5.32	0.00	93.00	87.68
11/10/99	52,000	9,800	170	2,000	3,500	700	5.46	0.00	93.00	87.54
02/16/00	34,000	4,700	63	900	570	*26,000/33,000	5.55	0.00	93.00	87.45
05/17/00	46,800	12,400	130	2,240	1,650	18,300	4.93	0.00	93.00	88.07
08/16/00	71,200	<0.3	164	472	895	10,400	5.51	0.00	95.89	90.38
05/24/01	19,500	679	13	166	83	25,500	4.92	0.00	26.67	21.75
11/21/01	21,500	750	9	203	34	28,300	5.40	0.00	26.67	21.27
05/30/02	-	-	-	-	-	-	5.43	0.00	26.67	21.24
11/18/02	27,200	2,560	55	957	181	23,300	5.84	0.00	26.67	20.83
04/23/03	Sheen after purging						4.85	0.00	26.67	21.82
11/13/03	4,660	441	<16	103 J	<20	4,030	5.58	0.00	26.67	21.09
05/24/04	9,530	548	72	204	227	2,580	5.26	0.00	26.67	21.41
11/11/04	4,120	462	30 J	150	153	964	5.09	0.00	26.67	21.58
04/21/05	4,250	609	<3.2	251	158	890	4.03	0.00	26.67	22.64
Monitoring Well MW-3				***Screen Interval = 6 to 21 feet***						
08/02/95	7,500	340	5.3	18	28	-	4.64	0.00	94.17	89.53
11/02/95	2,700	230	9.1	22	25	-	5.05	0.00	94.17	89.12
02/05/96	1,200	110	8.5	26	15	-	5.20	0.00	94.17	88.97
05/01/96	520	47	2.0	7.0	3.5	-	4.90	0.00	94.17	89.27
08/07/96	150	<0.3	0.62	2.8	1.6	-	5.07	0.00	94.17	89.10
11/06/96	<50	<0.3	<0.3	<0.3	<0.5	-	5.38	0.00	94.17	88.79
02/05/97	<50	<0.3	<0.3	<0.3	<0.5	-	4.61	0.00	94.17	89.56
05/07/97	<50	<0.3	<0.3	<0.3	<0.5	-	4.86	0.00	94.17	89.31
08/06/97	<50	<0.3	<0.3	<0.3	<0.5	-	5.24	0.00	94.17	88.93
11/05/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.60	0.00	94.17	88.57
02/18/98	<50	<0.3	2.0	<0.3	1.2	<20	4.44	0.00	94.17	89.73

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
05/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.26	0.00	94.17	89.91
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.64	0.00	94.17	89.53
11/04/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.04	0.00	94.17	89.13
02/03/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.92	0.00	94.17	89.25
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.69	0.00	94.17	89.48
08/05/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.02	0.00	94.17	89.15
11/10/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.11	0.00	94.17	89.06
02/16/00	<50	<0.3	<0.3	<0.3	<0.5	<5	5.30	0.00	94.17	88.87
05/17/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.79	0.00	94.17	89.38
08/16/00	<50	<0.3	<0.2	<0.2	<0.4	<0.6	5.29	0.00	97.05	91.76
05/24/01	412	137	3	19	13	3.6	4.62	0.00	30.83	26.21
11/21/01	252	31	2	10	13	<0.6	5.04	0.00	30.83	25.79
05/30/02	117	2	<0.14	<0.18	<0.26	<0.6	5.16	0.00	30.83	25.67
11/18/02	124	2.1	2.4	3.4	9.4	<0.07	5.55	0.00	30.83	25.28
04/24/03	139	5.6	<0.02	<0.02	<0.06	<0.18	4.92	0.00	30.83	25.91
11/13/03	223	1.3	<0.32	<0.31	<0.4	<0.18	5.16	0.00	30.83	25.67
05/24/04	78	<0.22	<0.32	<0.31	<0.4	<0.18	4.86	0.00	30.83	25.97
11/12/04	186	<0.22	<0.32	<0.31	<0.4	<0.18	4.63	0.00	30.83	26.20
04/21/05	120	1.2	1.6 J	<0.31	2.3 J	<0.18	3.71	0.00	30.83	27.12
Monitoring Well MW-4				***Screen Interval = 6 to 21 feet***						
08/02/95	<100	<0.5	<0.5	1.0	<1	-	3.66	0.00	93.30	89.64
11/02/95	<50	<0.5	<0.5	0.53	1.0	-	4.26	0.00	93.30	89.04
02/05/96	<50	<0.3	0.42	<0.3	<0.5	-	4.24	0.00	93.30	89.06
05/01/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.22	0.00	93.30	89.08
08/07/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.30	0.00	93.30	89.00
11/06/96	<50	<0.3	0.3	<0.3	<0.5	-	4.52	0.00	93.30	88.78
02/05/97	450	1.6	1.1	1.3	2.3	-	3.77	0.00	93.30	89.53
05/07/97	<50	<0.3	<0.3	<0.3	<0.5	-	3.96	0.00	93.30	89.34
08/06/97	<50	<0.3	<0.3	<0.3	0.68	-	4.41	0.00	93.30	88.89
11/05/97	<50	0.36	0.39	1.1	<0.5	23	4.75	0.00	93.30	88.55
02/18/98	400	2.1	1.0	<0.3	0.98	670	3.27	0.00	93.30	90.03
05/20/98	860	0.77	<0.3	<0.3	0.89	1,900	3.58	0.00	93.30	89.72
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	<5	3.84	0.00	93.30	89.46
11/04/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.14	0.00	93.30	89.16
02/03/99	<50	<0.3	<0.3	<0.3	1.7	<5	4.02	0.00	93.30	89.28
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	87	3.77	0.00	93.30	89.53

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
08/05/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.15	0.00	93.30	89.15
11/10/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.24	0.00	93.30	89.06
02/16/00	<50	<0.3	<0.3	<0.3	<0.5	<5	4.34	0.00	93.30	88.96
05/17/00	<50	<0.25	<0.25	<0.25	<0.5	10.7	4.10	0.00	93.30	89.20
08/16/00	<50	<0.3	<0.2	<0.2	<0.4	<0.6	4.41	0.00	96.17	91.76
05/24/01	<50	<0.18	<0.14	<0.18	<0.26	<0.6	3.82	0.00	29.95	26.13
11/21/01	<50	<0.18	<0.14	<0.18	<0.26	<0.6	4.12	0.00	29.95	25.83
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.6	4.35	0.00	29.95	25.60
11/18/02	<50	0.48	0.52	0.59	2.4	<0.07	4.64	0.00	29.95	25.31
04/24/03	<15	<0.04	<0.02	<0.02	<0.06	1.3	3.65	0.00	29.95	26.30
11/12/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	4.30	0.00	29.95	25.65
05/24/04	<15	<0.22	<0.32	<0.31	<0.4	5.0	4.08	0.00	29.95	25.87
11/12/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	3.70	0.00	29.95	26.25
04/21/05	<15	2.5	<0.32	4.1 J	1.9 J	13	2.97	0.00	29.95	26.98
Monitoring Well MW-5				***Screen Interval = 6 to 21 feet***						
08/02/95	31,000	750	180	550	1,900	-	4.69	0.00	94.05	89.36
11/02/95	7,000	270	36	270	300	-	5.23	0.00	94.05	88.82
02/05/96	1,500	36	8.9	29	72	-	5.36	0.00	94.05	88.69
05/01/96	1,700	51	9.3	40	83	-	5.11	0.00	94.05	88.94
08/07/96	1,500	29	0.88	<0.3	3.9	-	5.25	0.00	94.05	88.80
11/06/96	380	24	<0.3	0.41	3.1	-	5.54	0.00	94.05	88.51
02/05/97	<50	0.45	0.68	<0.3	1.0	-	4.82	0.00	94.05	89.23
05/07/97	1,100	<0.3	<0.3	<0.3	<0.5	-	5.06	0.00	94.05	88.99
08/06/97	1,000	46	1.4	<0.3	7.7	-	5.44	0.00	94.05	88.61
11/05/97	270	<0.3	0.41	0.38	2.6	530	5.82	0.00	94.05	88.23
02/18/98	<50	0.34	2.2	<0.3	<0.5	<20	4.57	0.00	94.05	89.48
05/20/98	<50	0.60	<0.3	<0.3	<0.5	<5	4.69	0.00	94.05	89.36
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	7.3	4.95	0.00	94.05	89.10
11/04/98	<50	0.60	<0.3	<0.3	<0.5	7.4	5.15	0.00	94.05	88.90
02/03/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.03	0.00	94.05	89.02
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.98	0.00	94.05	89.07
08/05/99	<50	<0.3	<0.3	<0.3	<0.5	47	5.17	0.00	94.05	88.88
11/10/99	<50	2.7	<0.3	<0.3	<0.5	29	5.26	0.00	94.05	88.79
02/16/00	<50	3.9	<0.3	<0.3	<0.5	49	5.38	0.00	94.05	88.67
05/17/00	<50	<0.25	<0.25	<0.25	<0.5	5.4	5.04	0.00	94.05	89.01
08/16/00	77	<0.3	<0.2	<0.2	<0.4	33	5.36	0.00	96.78	91.42

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
05/24/01	154	11	5	4	7	79	4.58	0.00	30.56	25.98
11/21/01	<50	<0.18	<0.14	<0.18	<0.26	14	5.13	0.00	30.56	25.43
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	9.7	5.31	0.00	30.56	25.25
11/18/02	107	3	3	3.6	14	18	5.69	0.00	30.56	24.87
04/24/03	121	0.52	<0.02	<0.02	<0.06	66	4.75	0.00	30.56	25.81
11/13/03	79	<0.22	<0.32	<0.31	<0.4	10	5.35	0.00	30.56	25.21
05/24/04	<15	<0.22	<0.32	1.2 J	<0.4	5.1	5.06	0.00	30.56	25.50
11/12/04	114	<0.22	1.5 J	<0.31	4.7 J	24	4.80	0.00	30.56	25.76
04/21/05	68	<0.22	<0.32	<0.31	<0.4	53	3.84	0.00	30.56	26.72
Monitoring Well MW-6				***Screen Interval = 5 to 15 feet***						
08/02/95	16,000	1,800	280	510	1,000	-	5.17	0.00	92.10	86.93
11/02/95	49,000	9,400	4,600	2,500	7,700	-	5.62	0.00	92.10	86.48
02/05/96	31,000	5,900	1,400	1,900	5,200	-	5.70	0.00	92.10	86.40
05/01/96	35,000	6,700	1,100	1,900	4,900	-	5.40	0.00	92.10	86.70
08/07/96	65,000	19,000	3,500	3,600	11,000	-	5.56	0.00	92.10	86.54
11/06/96	7,000	14,000	3,900	3,100	9,900	-	5.88	0.00	92.10	86.22
02/05/97	81,000	13,000	3,800	3,200	9,700	-	5.09	0.00	92.10	87.01
05/07/97	53,000	14,000	2,600	2,800	1,000	-	5.40	0.00	92.10	86.70
08/06/97	33,000	8,000	1,800	1,900	6,600	-	5.92	0.00	92.10	86.18
11/05/97	72,000	13,000	2,400	3,100	11,000	<500	6.25	0.00	92.10	85.85
02/18/98	40,000	11,000	1,900	2,700	8,000	610	4.92	0.00	92.10	87.18
05/20/98	78,000	10,000	1,200	1,200	7,800	820	4.86	0.00	92.10	87.24
08/12/98	88,000	11,000	1,700	1,900	8,600	<500	5.24	0.00	92.10	86.86
11/04/98	66,000	14,000	2,100	3,200	12,000	790	5.65	0.00	92.10	86.45
02/03/99	50,000	11,000	1,100	2,200	7,200	* 2,000 / 400	5.53	0.00	92.10	86.57
05/12/99	81,000	19,000	2,000	4,400	15,000	<500	5.31	0.00	92.10	86.79
08/05/99	75,000	14,000	1,400	3,200	10,000	530	5.67	0.00	92.10	86.43
11/10/99	70,000	8,500	770	2,400	8,600	690	5.86	0.00	92.10	86.24
02/16/00	64,000	12,000	610	2,400	7,200	<500	5.92	0.00	92.10	86.18
05/17/00	46,500	16,600	1,390	341	8,750	617	5.39	0.00	92.10	86.71
08/16/00	91,600	<0.3	1,120	496	672	158	5.83	0.00	94.99	89.16
05/24/01	16,100	3,000	25	827	462	5,310	5.27	0.00	28.77	23.50
11/21/01	10,800	1,310	2	438	334	6,530	5.65	0.00	28.77	23.12
05/30/02	15,000	2,130	7	759	341	3,330	5.77	0.00	28.77	23.00
11/18/02	10,700	1,670	56	657	289	8,910	6.12	0.00	28.77	22.65
04/23/03	Sheen after purging						5.10	0.00	28.77	23.67
11/13/03	12,000	1,570	<32	573	<40	6,930	5.87	0.00	28.77	22.90

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
05/24/04	Well not accessible						-	-	28.77	-
11/11/04	30,200	1,760	474	831	4,150	3,980	5.18	0.00	28.77	23.59
04/21/05	3,510	49	<3.2	18 J	<4	1,340	4.06	0.00	28.77	24.71
Monitoring Well MW-7				***Screen Interval = 5 to 15 feet***						
08/02/95	<100	<0.5	<0.5	<0.5	<1	-	3.07	0.00	94.32	91.25
11/02/95	<50	0.63	0.67	<0.5	1.2	-	3.30	0.00	94.32	91.02
02/05/96	<50	<0.3	0.40	<0.3	<0.5	-	4.01	0.00	94.32	90.31
05/01/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.04	0.00	94.32	90.28
08/07/96	<50	<0.3	<0.3	<0.3	<0.5	-	3.65	0.00	94.32	90.67
11/06/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.09	0.00	94.32	90.23
02/05/97	<50	<0.3	0.42	<0.3	1.2	-	3.59	0.00	94.32	90.73
05/07/97	<50	<0.3	<0.3	<0.3	<0.5	-	3.99	0.00	94.32	90.33
08/06/97	<50	<0.3	<0.3	<0.3	1.3	-	3.83	0.00	94.32	90.49
11/05/97	<50	<0.3	<0.3	<0.3	<0.5	<20	4.22	0.00	94.32	90.10
02/18/98	<50	<0.3	0.44	<0.3	0.88	<20	1.75	0.00	94.32	92.57
05/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	3.11	0.00	94.32	91.21
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	<5	3.24	0.00	94.32	91.08
11/04/98	64	<0.3	<0.3	<0.3	<0.5	150	3.60	0.00	94.32	90.72
02/03/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.46	0.00	94.32	90.86
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.24	0.00	94.32	91.08
08/05/99	<50	<0.3	<0.3	<0.3	<0.5	9.3	3.54	0.00	94.32	90.78
11/10/99	<50	<0.3	<0.3	<0.3	<0.5	<5	3.58	0.00	94.32	90.74
02/16/00	<50	<0.3	<0.3	<0.3	<0.5	<5	4.94	0.00	94.32	89.38
05/17/00	<50	<0.25	<0.25	<0.25	<0.5	10.6	3.42	0.00	94.32	90.90
08/16/00	<50	<0.3	<0.2	<0.2	<0.4	<0.6	3.91	0.00	97.19	93.28
05/24/01	<50	1.2	1	<0.18	1.4	<0.6	3.19	0.00	30.97	27.78
11/21/01	<50	1	<0.14	<0.18	<0.26	<0.6	3.43	0.00	30.97	27.54
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.6	3.76	0.00	30.97	27.21
11/18/02	<50	<0.18	<0.14	<0.18	<0.26	2.5	4.13	0.00	30.97	26.84
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	1.4	2.77	0.00	30.97	28.20
11/13/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	3.90	0.00	30.97	27.07
05/24/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	3.55	0.00	30.97	27.42
11/11/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	3.47	0.00	30.97	27.50
04/21/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	2.56	0.00	30.97	28.41
Monitoring Well MW-8				***Screen Interval = 5 to 15 feet***						

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
08/02/95	290	88	1.3	1.0	2.2	-	4.34	0.00	92.72	88.38
11/02/95	110	51	<0.5	<0.5	1.5	-	4.68	0.00	92.72	88.04
02/05/96	400	100	2.0	14	13	-	4.73	0.00	92.72	87.99
05/01/96	<50	22	<0.3	<0.3	<0.5	-	4.49	0.00	92.72	88.23
08/07/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.68	0.00	92.72	88.04
11/06/96	<50	<0.3	<0.3	<0.3	<0.5	-	4.99	0.00	92.72	87.73
02/05/97	<50	<0.3	<0.3	<0.3	<0.5	-	4.33	0.00	92.72	88.39
05/07/97	<50	<0.3	<0.3	<0.3	<0.5	-	4.51	0.00	92.72	88.21
08/06/97	<50	<0.3	<0.3	<0.3	<0.5	-	4.88	0.00	92.72	87.84
11/05/97	<50	<0.3	<0.3	<0.3	<0.5	<20	5.18	0.00	92.72	87.54
02/18/98	<50	<0.3	0.69	0.51	0.80	<20	4.22	0.00	92.72	88.50
05/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.13	0.00	92.72	88.59
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.44	0.00	92.72	88.28
11/04/98	<50	<0.3	<0.3	<0.3	<0.5	<5	4.84	0.00	92.72	87.88
02/03/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.77	0.00	92.72	87.95
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.45	0.00	92.72	88.27
08/05/99	<50	0.70	0.47	0.56	<0.5	<5	4.78	0.00	92.72	87.94
11/10/99	<50	<0.3	<0.3	<0.3	<0.5	<5	4.81	0.00	92.72	87.91
02/16/00	<50	<0.3	<0.3	<0.3	<0.5	<5	5.03	0.00	92.72	87.69
05/17/00	<50	<0.25	<0.25	<0.25	<0.5	<5	4.49	0.00	92.72	88.23
08/16/00	<50	<0.3	<0.2	<0.2	<0.4	<0.6	5.03	0.00	95.60	90.57
05/24/01	<50	2.4	<0.14	<0.18	<0.26	<0.6	4.38	0.00	29.38	25.00
11/21/01	<50	3	2	1	5	<0.6	4.85	0.00	29.38	24.53
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.6	4.99	0.00	29.38	24.39
11/18/02	<50	3.9	<0.14	<0.18	<0.26	<0.07	5.32	0.00	29.38	24.06
04/23/03	<15	1.9	<0.02	<0.02	<0.06	<0.18	4.45	0.00	29.38	24.93
11/12/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	5.02	0.00	29.38	24.36
05/24/04	57	6.2	<0.32	<0.31	<0.4	<0.18	4.80	0.00	29.38	24.58
11/11/04	81	11	<0.32	<0.31	<0.4	<0.18	4.72	0.00	29.38	24.66
04/21/05	367	72	<0.32	<0.31	<0.4	<0.18	3.61	0.00	29.38	25.77
Monitoring Well MW-9				***Screen Interval = 5 to 15 feet***						
08/02/95	-	-	-	-	-	-	-	-	-	-
11/02/95	-	-	-	-	-	-	-	-	-	-
02/05/96	10,000	550	43	370	760	-	5.06	0.00	93.65	88.59
05/01/96	12,000	900	150	450	1,300	-	4.83	0.00	93.65	88.82
08/07/96	23,000	3,300	440	550	8,100	-	5.03	0.00	93.65	88.62
11/06/96	25,000	3,100	150	900	6,700	-	5.30	0.00	93.65	88.35

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
02/05/97	21,000	1,800	84	170	2,800	-	4.58	0.00	93.65	89.07
05/07/97	14,000	2,300	17	6.5	380	-	4.83	0.00	93.65	88.82
08/06/97	19,000	3,000	57	280	3,800	-	5.22	0.00	93.65	88.43
11/05/97	13,000	1,700	42	450	820	1,700	5.54	0.00	93.65	88.11
02/18/98	9,500	1,200	30	4.6	800	6,100	4.36	0.00	93.65	89.29
05/20/98	21,000	2,000	67	58	1,900	5,000	4.23	0.00	93.65	89.42
08/12/98	15,000	3,200	55	630	2,200	7,700	4.65	0.00	93.65	89.00
11/04/98	13,000	3,100	50	480	880	8,400	5.03	0.00	93.65	88.62
02/03/99	16,000	2,700	120	1,000	490	* 19,000 / 37,000	4.99	0.00	93.65	88.66
05/12/99	19,000	2,500	120	<6	1,700	8,300	4.71	0.00	93.65	88.94
08/05/99	15,000	2,500	64	140	440	*6,400 / 9,300	5.02	0.00	93.65	88.63
11/10/99	17,000	2,900	33	27	290	*12,000 / 17,000	5.20	0.00	93.65	88.45
02/16/00	19,000	1,600	31	310	230	14,000	5.32	0.00	93.65	88.33
05/17/00	51,500	7,860	320	3,970	1,270	*37,700 / 43,100	4.79	0.00	93.65	88.86
08/16/00	50,800	6	80	575	173	18,700	5.24	0.00	96.51	91.27
05/24/01	-	-	-	-	-	-	4.62	0.00	30.29	25.67
11/21/01	-	-	-	-	-	-	5.10	0.00	30.29	25.19
05/30/02	-	-	-	-	-	-	5.20	0.00	30.29	25.09
11/18/02	Sheen detected during purge						5.60	0.00	30.29	24.69
04/23/03	Sheen after purging						4.57	0.00	30.29	25.72
11/13/03	5,530	152	<32	221 J	<40	3,400	5.32	0.00	30.29	24.97
05/24/04	5,290	93	<3.2	213	188	1,800	4.99	0.00	30.29	25.30
11/12/04	3,750	59	2.0 J	207	11	295	4.81	0.00	30.29	25.48
04/21/05	2,980	104	<3.2	332	121	375	3.90	0.00	30.29	26.39
Monitoring Well MW-10				***Screen Interval = 5 to 15 feet***						
08/02/95	17,000	4,100	610	94	1,500	-	4.66	0.00	92.02	87.36
11/02/95	16,000	3,100	580	670	1,600	-	4.89	0.00	92.02	87.13
02/05/96	15,000	3,100	680	750	1,900	-	5.21	0.00	92.02	86.81
05/01/96	15,000	3,700	400	520	1,700	-	4.82	0.00	92.02	87.20
08/07/96	28,000	9,000	600	1,500	2,800	-	4.96	0.00	92.02	87.06
11/06/96	32,000	9,000	510	1,500	3,100	-	5.36	0.00	92.02	86.66
02/05/97	31,000	5,900	270	1,200	1,700	-	4.65	0.00	92.02	87.37
05/07/97	27,000	8,300	290	1,200	2,800	-	4.94	0.00	92.02	87.08
08/06/97	27,000	8,600	130	1,600	2,900	-	5.34	0.00	92.02	86.68
11/05/97	32,000	7,300	100	1,400	2,300	330	5.63	0.00	92.02	86.39
02/18/98	14,000	4,700	120	950	1,200	800	4.70	0.00	92.02	87.32
05/20/98	18,000	2,700	75	520	820	360	4.63	0.00	92.02	87.39

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
08/12/98	31,000	9,700	170	2,400	2,200	890	4.80	0.00	92.02	87.22
11/04/98	24,000	7,900	100	2,100	1,300	550	5.13	0.00	92.02	86.89
02/03/99	11,000	4,100	33	920	460	* 2,500 / 2,900	5.13	0.00	92.02	86.89
05/12/99	32,000	6,000	97	1,900	1,300	1,300	4.78	0.00	92.02	87.24
08/05/99	32,000	8,200	83	2,600	1,100	900	5.11	0.00	92.02	86.91
11/10/99	26,000	7,000	31	2,300	560	1,100	5.31	0.00	92.02	86.71
02/16/00	21,000	1,900	38	880	280	5,800	5.41	0.00	92.02	86.61
05/17/00	17,400	3,980	61.5	1,870	600	4,130	4.79	0.00	92.02	87.23
08/16/00	28,100	3,880	64	907	347	4,530	5.34	0.00	94.90	89.56
05/24/01	11,400	948	18	404	106	10,200	4.74	0.00	28.68	23.94
11/21/01	-	-	-	-	-	-	5.23	0.00	28.68	23.45
05/30/02	10,400	312	<0.14	173	26	6,720	5.27	0.00	28.68	23.41
11/18/02	8,560	162	17	95	41	14,100	5.63	0.00	28.68	23.05
04/23/03	Sheen after purging						4.72	0.00	28.68	23.96
11/13/03	8,960	431	<32	336 J	<40	7,510	5.36	0.00	28.68	23.32
05/24/04	9,340	75	75	88	482	5,330	5.09	0.00	28.68	23.59
11/11/04	3,720	<22	<32	<31	<40	3,850	4.99	0.00	28.68	23.69
04/21/05	2,960	55	<3.2	133	94	1,560	3.97	0.00	28.68	24.71
Monitoring Well MW-11				***Screen Interval = 5 to 20 feet***						
08/02/95	-	-	-	-	-	-	-	-	-	-
11/02/95	170	6.3	0.81	4.6	2.3	-	5.09	0.00	26.57	21.48
02/05/96	170	12	1.0	6.1	7.0	-	5.16	0.00	26.57	21.41
05/01/96	1,100	79	2.8	27	37	-	5.03	0.00	26.57	21.54
08/07/96	450	2.7	5.4	20	1.0	-	4.93	0.00	26.57	21.64
11/06/96	<50	2.9	<0.3	<0.3	<0.5	-	5.42	0.00	26.57	21.15
02/05/97	340	2.1	0.65	0.61	7.6	-	4.86	0.00	26.57	21.71
05/07/97	<50	<0.3	<0.3	<0.3	<0.5	-	5.11	0.00	26.57	21.46
08/06/97	<50	<0.3	<0.3	<0.3	<0.5	-	5.51	0.00	26.57	21.06
11/05/97	2,400	220	0.66	50	6.6	24	5.79	0.00	26.57	20.78
02/18/98	3,000	320	18	69	190	48	5.02	0.00	26.57	21.55
05/20/98	600	100	2.0	14	42	120	4.91	0.00	26.57	21.66
08/12/98	<50	<0.3	<0.3	<0.3	<0.5	7.2	4.95	0.00	26.57	21.62
11/04/98	<50	<0.3	<0.3	<0.3	<0.5	<5	5.31	0.00	26.57	21.26
02/03/99	1,000	81	1.6	2.3	7.6	* 35 / 6.0	5.37	0.00	26.57	21.20
05/12/99	<50	<0.3	<0.3	<0.3	<0.5	<5	5.08	0.00	26.57	21.49
08/05/99	780	28	0.49	2.1	3.4	32	5.34	0.00	26.57	21.23
11/10/99	2,200	110	1.1	19	3.5	86	5.54	0.00	26.57	21.03

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
02/16/00	5,800	300	8.5	260	160	270	5.54	0.00	26.57	21.03
05/17/00	9,900	501	49.5	739	1,430	208	5.01	0.00	26.57	21.56
08/16/00	15,300	332	18	516	671	290	5.40	0.00	92.77	87.37
05/24/01	1,010	35	4	33	42	476	4.92	0.00	26.55	21.63
11/21/01	1,510	29	2	47	84	714	5.37	0.00	26.55	21.18
05/30/02	1,110	22	<0.14	33	30	709	5.38	0.00	26.55	21.17
11/18/02	529	14	3.6	21	30	609	5.73	0.00	26.55	20.82
04/23/03	1,870	15	2.0	35	24	1,690	4.93	0.00	26.55	21.62
11/12/03	1,580	<2.2	<3.2	11 J	<4.0	1,610	5.39	0.00	26.55	21.16
05/24/04	1,580	6.1	<0.32	24	13	1,090	5.17	0.00	26.55	21.38
11/11/04	1,780	9.0	<0.32	51	25	2,260	5.06	0.00	26.55	21.49
04/21/05	1,440	<2.2	<3.2	15 J	<4.0	1,480	4.20	0.00	26.55	22.35
Monitoring Well MW-12				***Screen Interval = 7 to 17.5 feet***						
08/02/95	58,000	7,700	2,800	2,400	5,700	-	6.17	0.00	31.18	25.01
11/02/95	53,000	8,700	4,900	2,700	7,000	-	6.64	0.00	31.18	24.54
02/05/96	53,000	7,600	3,700	2,800	6,600	-	5.44	0.00	31.18	25.74
05/01/96	56,000	7,600	2,200	2,900	5,700	-	6.39	0.00	31.18	24.79
08/07/96	100,000	19,000	22,000	2,700	13,000	-	6.59	0.00	31.18	24.59
11/06/96	-	-	-	-	-	-	-	-	-	-
02/05/97	120,000	16,000	22,000	2,500	12,000	-	6.18	0.00	31.18	25.00
05/07/97	74,000	13,000	17,000	1,100	19,000	-	6.40	0.00	31.18	24.78
08/06/97	93,000	13,000	19,000	1,000	17,000	-	6.81	0.00	31.18	24.37
11/05/97	120,000	8,500	12,000	1,600	15,000	1,600	7.19	0.00	31.18	23.99
02/18/98	260,000	11,000	13,000	1,200	17,000	2,000	6.02	0.00	31.18	25.16
05/20/98	110,000	13,000	13,000	450	10,000	360	5.85	0.00	31.18	25.33
08/12/98	120,000	11,000	9,900	270	10,000	1,200	6.21	0.00	31.18	24.97
11/04/98	70,000	15,000	19,000	1,100	16,000	610	6.61	0.00	31.18	24.57
02/03/99	63,000	12,000	12,000	1,400	8,800	* 2,200 / 3,200	6.91	0.00	31.18	24.27
05/12/99	110,000	18,000	20,000	590	15,000	1,600	6.26	0.00	31.18	24.92
08/05/99	110,000	16,000	17,000	1,600	13,000	920	6.62	0.00	31.18	24.56
11/10/99	99,000	9,600	11,000	1,200	10,000	1,300	6.81	0.00	31.18	24.37
02/16/00	89,000	13,000	6,300	1,600	9,200	1,600	6.93	0.00	31.18	24.25
05/17/00	45,500	13,600	3,930	3,510	7,300	3,890	6.78	0.00	31.18	24.40
08/16/00	123,000	<0.3	<0.2	460	865	3,524	6.83	0.00	97.36	90.53
05/24/01	45,700	5,780	909	2,930	2,580	5,740	6.21	0.00	31.14	24.93
11/21/01	-	-	-	-	-	-	6.71	0.00	31.14	24.43
05/30/02	-	-	-	-	-	-	6.76	0.00	31.14	24.38

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
11/18/02	-	-	-	-	-	-	7.14	0.00	31.14	24.00
04/23/03	-	-	-	-	-	-	6.78	0.00	31.14	24.36
11/13/03	47,400	6,080	579	3,310	3,030	2,660	6.90	0.00	31.14	24.24
05/24/04	32,400	4,090	1,710	2,680	2,450	1,880	6.55	0.00	31.14	24.59
11/11/04	94,600	9,150	9,790	3,940	12,000	2,330	6.30	0.00	31.14	24.84
04/21/05	64,800	6,780	5,020	3,030	6,980	1,920	5.30	0.00	31.14	25.84
Monitoring Well MW-13				***Screen Interval = 5 to 20 feet***						
08/02/95	12,000	770	230	9.0	880	-	5.79	0.00	28.91	23.12
11/02/95	12,000	1,300	240	480	790	-	6.23	0.00	28.91	22.68
02/05/96	8,400	920	100	490	610	-	6.32	0.00	28.91	22.59
05/01/96	6,800	570	3.3	11	390	-	5.95	0.00	28.91	22.96
08/07/96	9,500	3,000	52	55	28	-	6.16	0.00	28.91	22.75
11/06/96	6,700	2,500	22	520	<25	-	6.45	0.00	28.91	22.46
02/05/97	5,900	1,300	36	240	41	-	5.73	0.00	28.91	23.18
05/07/97	7,300	<3	110	100	230	-	6.02	0.00	28.91	22.89
08/06/97	8,100	2,900	240	300	410	-	6.49	0.00	28.91	22.42
11/05/97	7,100	1,500	27	4.9	89	450	6.84	0.00	28.91	22.07
02/18/98	<50	<0.3	0.35	<0.3	<0.5	<20	5.75	0.00	28.91	23.16
05/20/98	400	19	1.2	<0.3	2.3	420	5.44	0.00	28.91	23.47
08/12/98	5,700	2,600	1,300	9.3	1,100	75	5.87	0.00	28.91	23.04
11/04/98	8,400	2,500	47	3.2	1,200	190	6.28	0.00	28.91	22.63
02/03/99	85	<0.3	<0.3	1.1	0.53	* 33 / <5	6.21	0.00	28.91	22.70
05/12/99	1,400	350	2.7	<0.3	26	120	5.94	0.00	28.91	22.97
08/05/99	13,000	5,700	17	<0.6	97	530	6.31	0.00	28.91	22.60
11/10/99	8,300	2,700	<15	<15	33	900	6.46	0.00	28.91	22.45
02/16/00	12,000	1,800	17	82	77	1,700	6.53	0.00	28.91	22.38
05/17/00	89,700	5,200	128	1,190	975	2,930	6.01	0.00	28.91	22.90
08/16/00	20,100 J	4,550	43	725	183	2,230	6.47	0.00	95.09	88.62
05/24/01	6,320	286	22	245	224	2,370	5.93	0.00	28.87	22.94
11/21/01	6,580	376	7	381	302	1,560	6.31	0.00	28.87	22.56
05/30/02	5,550	296	<1.4	343	209	891	6.42	0.00	28.87	22.45
11/18/02	4,750	256	11	379	266	1,850	6.79	0.00	28.87	22.08
04/24/03	7,000	284	19	293	262	1,170	5.79	0.00	28.87	23.08
11/12/03	5,710	205	<16	279	119 J	1,100	6.39	0.00	28.87	22.48
05/24/04	6,080	128	<3.2	296	124	635	6.13	0.00	28.87	22.74
11/11/04	6,330	210	<8.0	344	139	1,020	5.89	0.00	28.87	22.98
04/21/05	3,920	68	<0.32	202	68	<0.29	4.85	0.00	28.87	24.02

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
Monitoring Well MW-14				***Screen Interval = 3 to 18 feet***						
08/14/00	2,290	<0.3	<0.2	<0.2	<0.4	<0.6	5.75	0.00	94.38	88.63
05/24/01	113	<0.18	1	<0.18	<0.26	3.7	5.17	0.00	28.16	22.99
11/21/01	70	<0.18	1	<0.18	<0.26	2.7	5.62	0.00	28.16	22.54
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.6	5.64	0.00	28.16	22.52
11/18/02	<50	<0.18	1.7	<0.18	<0.26	5.4	5.98	0.00	28.16	22.18
04/23/03	90	<0.04	1.6	<0.02	<0.06	2.9	5.15	0.00	28.16	23.01
11/12/03	103	<0.22	<0.32	<0.31	<0.4	1.8	5.64	0.00	28.16	22.52
05/24/04	105	2.1	7.0	1.3 J	8.7	2.5	5.42	0.00	28.16	22.74
11/11/04	78	<0.22	<0.32	1.4 J	<0.4	<0.18	5.36	0.00	28.16	22.80
04/21/05	76	<0.22	<0.32	2.2 J	<0.4	<0.18	4.12	0.00	28.16	24.04
Monitoring Well MW-15				***Screen Interval = 3 to 18 feet***						
08/14/00	56	<0.3	<0.2	<0.2	<0.4	10	5.55	0.00	92.42	86.87
05/24/01	56	<0.18	<0.14	<0.18	<0.26	13	5.13	0.00	26.20	21.07
11/21/01	<50	<0.18	<0.14	<0.18	<0.26	8.3	5.62	0.00	26.20	20.58
05/30/02	<50	<0.18	<0.14	<0.18	<0.26	3.3	5.62	0.00	26.20	20.58
11/18/02	<50	<0.18	<0.14	<0.18	<0.26	12	5.89	0.00	26.20	20.31
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	20	5.24	0.00	26.20	20.96
11/12/03	65	<0.22	<0.32	<0.31	<0.4	13	5.65	0.00	26.20	20.55
05/24/04	<15	<0.22	<0.32	<0.31	<0.4	12	5.38	0.00	26.20	20.82
11/11/04	<15	<0.22	<0.32	<0.31	<0.4	12	5.37	0.00	26.20	20.83
04/21/05	52	6.9	<0.32	<0.31	<0.4	12	4.36	0.00	26.20	21.84
Monitoring Well MW-16				***Screen Interval = 3.5 to 18.5 feet***						
08/14/00	4,440	<0.3	<0.2	<0.2	<0.4	3,342	5.45	0.00	92.69	87.24
05/24/01	2,370	1	4	4	11	2,890	4.94	0.00	26.47	21.53
11/21/01	1,960	<0.18	1	2	4	2,280	5.35	0.00	26.47	21.12
05/30/02	1,930	<0.18	1	2	4	1,260	5.39	0.00	26.47	21.08
11/18/02	1,960	0.96	<0.14	3.5	4.9	2,830	5.77	0.00	26.47	20.70
04/23/03	2,570	2.0	<0.02	2.4	2.8	2,850	4.78	0.00	26.47	21.69
11/12/03	2,520	<2.2	<3.2	<3.1	<4.0	2,040	5.35	0.00	26.47	21.12
05/24/04	2,340	<0.22	<0.32	<0.31	<0.4	1,650	5.08	0.00	26.47	21.39
11/11/04	Not accessible for sampling						4.87	0.00	26.47	21.60
04/21/05	497	<2.2	<3.2	<3.1	<4.0	366	4.03	0.00	26.47	22.44

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
Monitoring Well MW-17				***Screen Interval = 2.5 to 17.5 feet***						
08/14/00	8,730	<0.3	<0.2	<0.2	<0.4	24,600	4.65	0.00	94.00	89.35
05/24/01	11,700	14	2	<0.18	3	22,700	4.22	0.00	27.78	23.56
11/21/01	9,590	33	3	14	25	2,280	4.50	0.00	27.78	23.28
05/30/02	5,200	4	<0.14	<0.18	<0.26	6,090	4.62	0.00	27.78	23.16
11/18/02	11,700	5.2	3	7.7	12	12,500	4.98	0.00	27.78	22.80
04/23/03	28,200	<0.04	1.2	<0.02	<0.06	15,000	3.98	0.00	27.78	23.80
11/12/03	6,660	<2.2	<3.2	<3.1	<4.0	5,200	4.65	0.00	27.78	23.13
05/24/04	5,080	<5.5	<8.0	<7.75	<10	4,240	4.42	0.00	27.78	23.36
11/11/04	3,910	<0.22	<0.32	<0.31	<0.4	5,400	4.02	0.00	27.78	23.76
04/21/05	478	<2.2	<3.2	<3.1	<4.0	1,430	3.18	0.00	27.78	24.60
Monitoring Well MW-18				***Screen Interval = 3.5 to 18.5 feet***						
08/14/00	11,500	<0.3	<0.2	<0.2	<0.4	42,200	4.95	0.00	92.75	87.80
05/24/01	11,600	<0.18	1	<0.18	1	21,700	4.42	0.00	26.53	22.11
11/21/01	10,800	<0.18	<0.14	<0.18	<0.26	4,090	4.81	0.00	26.53	21.72
05/30/02	10,400	6	1	<0.18	<0.26	9,810	4.87	0.00	26.53	21.66
11/18/02	15,200	<0.18	<0.14	<0.18	<0.26	20,600	5.25	0.00	26.53	21.28
04/23/03	21,200	<0.04	<0.02	<0.02	<0.06	14,000	4.25	0.00	26.53	22.28
11/12/03	8,060	<11	<16	<15.5	<20	12,900	4.87	0.00	26.53	21.66
05/24/04	9,630	<11	<16	<15.5	<20	8,900	4.61	0.00	26.53	21.92
11/11/04	644	<0.22	<0.32	<0.31	<0.4	704	4.30	0.00	26.53	22.23
04/21/05	88	<0.22	<0.32	<0.31	<0.4	161	3.66	0.00	26.53	22.87
Monitoring Well TDD-1				***Screen Interval = 2.5 to 17.5 feet***						
08/06/97	100,000	22,000	27,000	980	17,000	-	6.86	0.07	31.61	24.80
02/18/98	420,000	15,000	20,000	800	23,000	1,100	5.87	0.00	31.61	25.74
05/20/98	1,100,000	10,000	13,000	550	34,000	930	5.71	0.00	31.61	25.90
08/12/98	2,100,000	25,000	50,000	7,700	90,000	9,200	6.20	0.07	31.61	25.46
11/04/98	110,000	13,000	16,000	300	20,000	670	6.60	0.00	31.61	25.01
02/03/99	78,000	14,000	16,000	130	13,000	* 1,100 / 1,600	6.43	0.00	31.61	25.18
05/12/99	150,000	16,000	24,000	410	22,000	920	6.18	0.00	31.61	25.43
08/05/99	110,000	12,000	15,000	270	16,000	<1,000	6.56	0.00	31.61	25.05
11/10/99	100,000	12,000	13,000	460	13,000	780	6.73	0.00	31.61	24.88
02/16/00	110,000	13,000	15,000	730	12,000	<500	6.84	0.00	31.61	24.77

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				
05/17/00	111,000	18,000	26,200	2,000	20,400	2,120	6.29	0.00	31.61	25.32
08/16/00	242,000	2,490	1,560	647	900	1,720	6.77	0.00	97.80	91.03
05/24/01	-	-	-	-	-	-	6.11	0.00	31.58	25.47
11/21/01	-	-	-	-	-	-	6.50	0.00	31.58	25.08
05/30/02	-	-	-	-	-	-	6.69	0.00	31.58	24.89
11/18/02	-	-	-	-	-	-	7.10	0.00	31.58	24.48
04/23/03	Sheen after purging						5.93	0.00	31.58	25.65
11/13/03	161,000	22,200	22,500	2,730	20,000	1,020	6.80	0.00	31.58	24.78
05/24/04	109,000	14,100	3,580	1,800	11,500	866	6.44	0.00	31.58	25.14
11/12/04	77,200	11,000	2,470	810	5,230	1,800	6.15	0.00	31.58	25.43
04/21/05	-	-	-	-	-	-	5.19	0.00	31.58	26.39
Monitoring Well TDD-2				***Screen Interval = 2.5 to 17.5 feet***						
08/06/97	53,000	390	430	160	9,100	-	4.51	0.00	30.90	26.39
02/24/98	18,000	130	25	12	3,400	4,000	-	0.00	30.90	30.90
05/20/98	35,000	540	45	730	2,800	10,000	4.63	0.00	30.90	26.27
08/12/98	23,000	140	10	130	560	6,700	5.05	0.00	30.90	25.85
11/04/98	31,000	170	84	75	270	8,800	5.47	0.00	30.90	25.43
02/03/99	15,000	130	14	780	190	* 6,000 / 10,000	5.24	0.00	30.90	25.66
05/12/99	17,000	140	6	<3	140	7,800	5.09	0.00	30.90	25.81
08/05/99	23,000	200	7.9	1,200	150	4,800	5.47	0.00	30.90	25.43
11/10/99	16,000	110	<3	<3	38	4,900	5.56	0.00	30.90	25.34
02/16/00	15,000	160	22	930	98	3,400	5.71	0.00	30.90	25.19
05/17/00	20,400	299	420	640	1,500	6,500	5.21	0.00	30.90	25.69
08/16/00	29,000	146	<0.2	877	37	7,720	5.69	0.00	97.09	91.40
05/24/01	-	-	-	-	-	-	5.07	0.00	30.87	25.80
11/21/01	7,520	14	11	809	30	349	5.35	0.00	30.87	25.52
05/30/02	-	-	-	-	-	-	5.62	0.00	30.87	25.25
11/18/02	-	-	-	-	-	-	5.99	0.00	30.87	24.88
04/23/03	Sheen after purging						4.80	0.00	30.87	26.07
11/13/03	7,290	21	<3.2	812	<4.0	524	5.69	0.00	30.87	25.18
05/24/04	6,510	35	<3.2	715	<4.0	907	5.36	0.00	30.87	25.51
11/12/04	5,930	32	<0.32	645	<0.4	580	4.93	0.00	30.87	25.94
04/21/05	3,400	35	<3.2	465	<4.0	738	4.00	0.00	30.87	26.87

NOTE: ND = Nondetectable
NP = No free hydrocarbon product

Benzene, toluene, ethlybenzene, and xylene analyzed by EPA method 8020.
Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #406, OCEAN BEACH, CA

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	EthylBenzene (ug/L)	XYLENE (ug/L)	MTBE (ug/L)				

"-" = Not analyzed / Not available

* MTBE 8020 / 8260

Wells resurveyed on 9/27/00

Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020 or 8260

Beginning 8/14/2000, BTEX and MTBE analyzed by EPA Method 8260B

On 11/18/02, 5/30/02, 11/21/01 and 5/24/01, BTEX analyzed by EPA Method 8021B

TABLE 2
OXYGENATES DATA IN GROUNDWATER
THRIFTY OIL STATION #406, OCEAN BEACH, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS			
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)
MONITORING WELL # MW-1				
08/16/00	<0.5	<0.7	14	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/24/03	<0.29	<0.17	<0.28	14
11/12/03	<0.29	<0.17	<0.28	23
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	<0.29	<0.17	<0.28	14
04/21/05	-	-	-	-
MONITORING WELL #MW-2				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	2,090
11/21/01	<5.0	<7.0	63	3,290
05/30/02	-	-	-	-
11/18/02	<5.0	<3.0	42	10,500
04/23/03	-	-	-	-
11/13/03	<14.5	<8.5	<14	805
05/24/04	<2.9	<1.7	22	1,030
11/11/04	<2.9	<1.7	<2.8	1,340
04/21/05	<2.9	<1.7	11	783
MONITORING WELL # MW-3				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/24/03	<0.29	<0.17	<0.28	<10
11/13/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/12/04	<0.29	<0.17	<0.28	<10
04/22/05	<0.29	<0.17	<0.28	<10
MONITORING WELL # MW-4				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/24/03	<0.29	<0.17	<0.28	<10
11/12/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/12/04	<0.29	<0.17	<0.28	<10
04/22/05	<0.29	<0.17	<0.28	<10
MONITORING WELL #MW-5				

TABLE 2
OXYGENATES DATA IN GROUNDWATER
THRIFTY OIL STATION #406, OCEAN BEACH, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS			
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/24/03	<0.29	<0.17	<0.28	43
11/13/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/12/04	<0.29	<0.17	<0.28	<10
04/22/05	<0.29	<0.17	<0.28	42
MONITORING WELL # MW-6				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	242
11/21/01	<0.5	<0.7	29	17
05/30/02	<5.0	<7.0	<5.0	879
11/18/02	<10	<6.0	<8.0	542
04/23/03	-	-	-	-
11/13/03	<29	<17	<28	<1,000
05/24/04	-	-	-	-
11/11/04	<14.5	<8.5	<14	<500
04/21/05	<2.9	<1.7	<2.8	1,370
MONITORING WELL # MW-7				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/23/03	<0.29	<0.17	<0.28	<10
11/13/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	<0.29	<0.17	<0.28	<10
04/22/05	<0.29	<0.17	<0.28	<10
MONITORING WELL # MW-8				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/23/03	<0.29	<0.17	<0.28	<10
11/12/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	<0.29	<0.17	<0.28	<10
04/21/05	<0.29	<0.17	<0.28	<10
MONITORING WELL # MW-9				
08/16/00	<0.5	<0.7	<0.5	<30

TABLE 2
OXYGENATES DATA IN GROUNDWATER
THRIFTY OIL STATION #406, OCEAN BEACH, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS			
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)
05/24/01	-	-	-	-
11/21/01	-	-	-	-
05/30/02	-	-	-	-
11/18/02	-	-	-	-
04/23/03	-	-	-	-
11/13/03	<29	<17	<28	1,660
05/24/04	<2.9	<1.7	10	747
11/12/04	<0.29	<0.17	<0.28	1,560
04/22/05	<2.9	<1.7	<2.8	1,240
MONITORING WELL # MW-10				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	982
11/21/01	-	-	-	-
05/30/02	<5.0	<7.0	<5.0	4,540
11/18/02	<20	<12	<16	7,290
04/23/03	-	-	-	-
11/13/03	<29	<17	<28	4,800
05/24/04	<2.9	<1.7	15	2,740
11/11/04	<29	<17	<28	<1,000
04/21/05	<2.9	<1.7	12	1,720
MONITORING WELL # MW-11				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	38
11/21/01	<0.5	<0.7	3.3	<10
05/30/02	<5.0	<7.0	<5.0	336
11/18/02	<0.2	<0.12	<0.16	406
04/23/03	<14.5	<8.5	<14	861
11/12/03	<2.9	<1.7	<2.8	1,070
05/24/04	<0.29	<0.17	3.2	762
11/11/04	<0.29	<0.17	4.7	1,680
04/21/05	<2.9	<1.7	<2.8	784
MONITORING WELL # MW-12				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	692
11/21/01	-	-	-	-
05/30/02	-	-	-	-
11/18/02	-	-	-	-
04/23/03	-	-	-	-
11/13/03	<29	<17	<28	<1,000
05/24/04	<29	<17	<28	1,660
11/11/04	<14.5	<8.5	<14	2,640
04/21/05	<29	<17	<28	1,860
MONITORING WELL # MW-13				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	<0.5	<0.7	<0.5	74 J

TABLE 2
OXYGENATES DATA IN GROUNDWATER
THRIFTY OIL STATION #406, OCEAN BEACH, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS			
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)
11/21/01	3.9	<0.7	30	72
05/30/02	<0.5	<0.7	<0.5	506
11/18/02	<5.0	<3.0	38	304
04/24/03	2.5	<0.17	<0.28	312
11/12/03	<14.5	<8.5	<14	<500
05/24/04	<2.9	<1.7	27	103
11/11/04	<7.25	<4.25	<7.0	<250
04/21/05	<0.29	<0.17	30	322
MONITORING WELL # MW-14				
08/14/00	-	-	-	-
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/23/03	<0.29	<0.17	<0.28	<10
11/12/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	<0.29	<0.17	<0.28	<10
04/21/05	<0.29	<0.17	<0.28	<10
MONITORING WELL # MW-15				
08/14/00	-	-	-	-
05/24/01	<0.5	<0.7	<0.5	<10
11/21/01	<0.5	<0.7	<0.5	<10
05/30/02	<0.5	<0.7	<0.5	<10
11/18/02	<0.2	<0.12	<0.16	<10
04/23/03	<0.29	<0.17	<0.28	<10
11/12/03	<0.29	<0.17	<0.28	<10
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	<0.29	<0.17	<0.28	<10
04/21/05	<0.29	<0.17	<0.28	<10
MONITORING WELL # MW-16				
08/14/00	-	-	-	-
05/24/01	<0.5	<0.7	<0.5	89 J
11/21/01	<0.5	<0.7	9.5	23
05/30/02	<25	<35	<25	<500
11/18/02	<0.2	<0.12	13	250
04/23/03	<2.9	<1.7	12	185
11/12/03	<2.9	<1.7	<2.8	<100
05/24/04	<0.29	<0.17	<0.28	<10
11/11/04	-	-	-	-
04/21/05	<2.9	<1.7	<2.8	899
MONITORING WELL # MW-17				
08/14/00	-	-	-	-
05/24/01	<0.5	1.3	88	649
11/21/01	<0.5	1.4	74	<10

TABLE 2
OXYGENATES DATA IN GROUNDWATER
THRIFTY OIL STATION #406, OCEAN BEACH, CA.

DATE SAMPLED	ANALYTICAL PARAMETERS			
	Di-isopropyl Ether (DIPE) (ug/L)	Ethyl-Tert-Butyl Ether (ETBE) (ug/L)	Tert-Amyl Methyl Ether (TAME) (ug/L)	Tert-Butyl Alcohol (TBA) (ug/L)
05/30/02	<5.0	<7.0	<5.0	2,460
11/18/02	<2.0	<1.2	51	367
04/23/03	<14.5	<8.5	<14	264 J
11/12/03	<2.9	<1.7	25	<100
05/24/04	<7.25	<4.25	<7.0	<250
11/11/04	<0.29	<0.17	18	1,390
04/21/05	<2.9	<1.7	<2.8	<100
MONITORING WELL # MW-18				
08/14/00	-	-	-	-
05/24/01	<0.5	<0.7	97	477 J
11/21/01	<0.5	1.2	99	<10
05/30/02	<25	<35	<25	3,110
11/18/02	<2.0	<1.2	115	661
04/23/03	<7.25	<4.25	59	455
11/12/03	<14.5	<8.5	62	<500
05/24/04	<14.5	<8.5	<14	<500
11/11/04	<0.29	<0.17	2.6	5,880
04/21/05	<0.29	<0.17	<0.28	2,880
MONITORING WELL # TDD-1				
08/16/00	<0.5	<0.7	<0.5	<30
05/24/01	-	-	-	-
11/21/01	-	-	-	-
05/30/02	-	-	-	-
11/18/02	-	-	-	-
04/23/03	-	-	-	-
11/13/03	<29	<17	<28	<1,000
05/24/04	<29	<17	<28	1,060
11/12/04	<29	<17	<28	<1,000
04/21/05	-	-	-	-
MONITORING WELL # TDD-2				
08/16/00	<0.5	<0.7	86	<30
05/24/01	-	-	-	-
11/21/01	<0.5	<0.7	15	29
05/30/02	-	-	-	-
11/18/02	-	-	-	-
04/23/03	-	-	-	-
11/13/03	<2.9	<1.7	23	459
05/24/04	<2.9	<1.7	26	703
11/12/04	<0.29	<0.17	<0.28	480
04/22/05	<2.9	<1.7	23	954

NOTE: DIPE, ETBE, TAME, TBA analyzed by EPA Method 8260B

APPENDIX A

406

BBC ENVIRONMENTAL, INC.

1291 Simpson Way, Suite G, Escondido, CA 92029

May 18, 2005

1-57319
RECEIVED
MAY 23 2005
ENVIRONMENTAL
TOC# 406

Mr. Jim Zenor
Thrifty Oil Company
13539 E. Foster Rd.
Santa Fe Springs, CA. 90670

FILE
JZ
JS

RE: TRANSMITTAL OF SECOND QUARTER 2005 GROUNDWATER SAMPLING FIELD DATA SHEETS FOR THRIFTY OIL COMPANY STATION No. 406 LOCATED AT 1902 SUNSET CLIFFS BLVD., SAN DIEGO, CALIFORNIA

Dear Mr. Zenor:

BBC Environmental, Inc. (BBC) performed groundwater monitoring and sampling activities at the above referenced location on April 21st & 22nd, 2005. Please find enclosed one copy of the BBC Groundwater Sampling Field Data Sheets for this second quarter event.

Should you have any questions with regards to this matter, please do not hesitate to contact me directly at (760) 740-1191.

Sincerely,

W. B. Craig

Walter B. Craig, R.E.A.
Principal Engineer

Enclosures (4): Groundwater Sampling Field Data Sheets (2Q-05)
Associated Laboratories COC dated 4-21-05
Associated Laboratories COC dated 4-22-05
TOC Drum Inventory Form

THRIFTY OIL CORPORATION SS #406
1902 Sunset Cliffs Boulevard
San Diego, CA

Date: 04/21/05 - 04/22/05
Time: [redacted] 0545 - 0640
Technician: W. CRAIG/S. LUTZ

Well I.D.	DTW	Previous Events DTW	Well Box Description	Total Depth (ft)	Survey Point	Comments
MW-1	4.43	5.41	MD (2) 3/4" BOLTS	19.60	TOC TO N	4" WELL
MW-2	4.03	5.09	E/W (2) 15/16" BOLTS	18.30	TOC TO N	2" WELL
MW-3	3.71	4.63	E/W (2) 15/16" BOLTS	16.80	BM TO N	2" WELL
* MW-4	2.97	3.70	E/W (2) 15/16" BOLTS	15.10	TOC TO N	2" WELL
* MW-5	3.84	4.80	E/W (2) 15/16" BOLTS	17.00	TOC TO N	2" WELL
MW-6	4.00	5.18	E/W (2) 9/16" BOLTS	13.20	TOC	2" WELL
MW-7	2.50	3.47	E/W (2) 9/16" BOLTS	12.50	TOC TO N	2" WELL Mud in Box > TOC - Clean out Box
MW-8	3.61	4.72	E/W (2) 9/16" BOLTS	11.70	TOC TO N	2" WELL
MW-9	3.90	4.81	VAULT (2) 9/16" BOLTS	13.70	TOC TO N	2" WELL
MW-10	3.97	4.99	E/W (2) 9/16" BOLTS	12.90	TOC TO N	2" WELL
MW-11	4.20	5.06	E/W (2) 15/16" BOLTS	19.90	TOC TO N	2" WELL
MW-12	5.30	6.30	E/W (2) 15/16" BOLTS	15.70	TOC TO N	2" WELL
* MW-13	4.85	5.89	E/W (2) 15/16" BOLTS	18.70	TOC TO N	2" WELL
* MW-14	4.12	5.36	MD (2) 3/4" BOLTS	18.50	NOTCH-N	2" WELL
* MW-15	4.36	5.37	MD (2) 3/4" BOLTS	18.80	TOC TO N	2" WELL
MW-16	4.03	4.87	MD (2) 3/4" BOLTS	19.10	TOC TO N	2" WELL
MW-17	3.18	4.02	MD (2) 3/4" BOLTS	17.10	TOC TO N	2" WELL
MW-18	3.00	4.30	MD (2) 3/4" BOLTS	19.20	TOC TO N	2" WELL
TDD-1	5.19	6.15	E/W (2) 15/16" BOLTS	12.30	TOC TO N	2" WELL
TDD-2	4.00	4.93	E/W (2) 15/16" BOLTS	12.60	TOC TO N	2" WELL

(*) H_2O in Box > TOC

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty Oil Corp., SS# 406 Location 1902 Sunset Cliffs Blvd. San Diego, CA. Project # TOC.6	Monitoring Only Free Product Pumpout Only ☒ Monitoring and Sampling

BBC Personnel Onsite / Times SEL 4/21/05 Ar. 0530 /Dep. 1500 4/22/05 0530/110
Contractor Personnel / Times Ar. /Dep.

Monitoring Times / Order SEE ATTACHED SHEETS
Purging Times / Order
Sampling Times / Order

Monitoring Equipment	ORS, # 06-02013	Oakton (Cond)	ICM (Turb)
Water / FP Level	☒ Hanna, # 1266282 (pH/Cond/Temp)		☒ Solinst
pH/Cond/Temp/Turb	Hydac, # 9021 (pH/Cond/Temp)		Orion

Purging Method ✓ Bailer ✓ Whale Pump ✓ Purge Truck #2 PORTABLE PUMP

Vacuum Truck (Maness ECI Island Erickson _____)

Purge Volume Readings ✓ Flow Meter Sight Gauge on Vacuum Truck

x 5 GALLON BUCKET

Field Duplicate Collected From N/A

Purge Water Destination Barrels On-Site (# of 5)

Sanitary Sewer (Permit # 01-6111) Storm Drain (Permit # _____)

Treatment Facility

Notes / Comments 2 BBC DRUMS
3 EMPTY THRIFTY DRUMS - ALL LABEL WITH HAZ. WASTE LABELS

Purge Water Volume (Gal.) Current Event = 243.7
Purge Water Total to Date (2005) = 243.7

Well Repair EFF A #10 4/21/05
EFF B #12

Signature	Date 4-21-05	Page 1 of 21

4/22/05

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-1 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material PVC | Casing / Well Diameter 4" / 10"

Constructed Well Depth NP | Casing Vol ---------- | Well Vol

Measured Well Depth 19.6 | Actual Purge Volume (Gal)

Depth to Product | Product / Water Removed / (Gal)

Depth to Water 4.43 | Color Of Product

Well Box Type and Location | ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location:

Well Box Bolts | # of Bolts 2 $^{7}/_{16}$" $^{1}/_{2}$" $^{9}/_{16}$" $^{5}/_{8}$" ☒ $^{3}/_{4}$" ☐ $^{15}/_{16}$"

# of Bolts Broken Off | # of Bolts Missing

Seal Condition | Good Fair Poor (_____) Cracked None

Crown Height | Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity

CONSTRUCTION - NO SAMPLE COLLECTED

Pumping Rate GPM | 80% Recovery Depth | Sample Time

Max Depth: | Recovery Depth @ | Caps / Lock

Notes:

Signature | Date 4-21-05 | Page 2 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-2 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol ---------	Well Vol 11.3
Measured Well Depth	18.3	Actual Purge Volume	16.5 (Gal)
Depth to Product		Product / Water Removed	-1.3 (Gal)
Depth to Water	4.03	Color Of Product	-

16.5

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition | ✓ Good Fair Poor (_____) Cracked None

Crown Height | ✓ Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
1342	0	7.4	3700	25.1	CLEAR	SLIGHT	LOW
1349	11.0	7.2	4200	25.3	GREY	STRONG	HIGH
1353	16.5	7.3	4300	25.7	"	"	"
1353	16.5	STOPPED	PURGING	-	-	-	-

Pumping Rate 1.5 GPM | 80% Recovery Depth 6.12 | Sample Time 1423

Max Depth: 14.5 | Recovery Depth 5.55 @ 1420 | ~~Caps / Lock~~

Notes:

Signature [signature] | Date 4-21-05 | Page 3 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-3 | **Sampled By** SEL

Well Information | Well Survey Point BM TO N

Casing Material	PVC	Casing / Well Diameter	2" / 10"
Constructed Well Depth	NP	Casing Vol ----------	Well Vol 10.1
Measured Well Depth	16.8	Actual Purge Volume	15.2 (Gal)
Depth to Product	–	Product / Water Removed	/ (Gal)
Depth to Water	3.71	Color Of Product	–

15.2

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0 ✓ BOTH BOLTS STRIPPED

Seal Condition | Good ✓Fair Poor (_____) Cracked None

Crown Height | Good ✓Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0911	0	6.6	4400	20.7	BROWN	SLIGHT	HIGH
0923	10.1	6.4	5700	21.2	TAN	NONE	MODERATE
0929	15.2	6.5	5600	21.4	"	"	"
0929	15.2	STOPPED PURGING					
	0.9						

Pumping Rate 1000 GPM	80% Recovery Depth 6.11	Sample Time 1000
Max Depth: 15.7	Recovery Depth 4.00 @ 1000	Caps / Lock

Notes: _____

Signature [signature]	Date 4-22-05	Page 4 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-4 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 9.3 14.0
Measured Well Depth	15.1	Actual Purge Volume	14.0 (Gal)
Depth to Product	—	Product / Water Removed	- / - (Gal)
Depth to Water	2.97	Color Of Product	

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts ____ 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" ____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition | ✓Good Fair Poor (_____) Cracked None

Crown Height | ✓Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0800	0	6.7	4800	21.8	BROWN	SLIGHT	HIGH
0807	9.3	6.8	5100	22.2	CLEAR	"	LOW
0810	14.0	6.9	5006	21.8	"	"	"
0810	14.0	STOPPED	PURGING	.	-	-	.

Pumping Rate 1.4 GPM | 80% Recovery Depth 4.17 | Sample Time 0833

Max Depth: 8.95 | Recovery Depth 2.99 @ 0829 | ✓Caps / ✓Lock

Notes:

Signature [signature] | Date 4-22-05 | Page 5 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # MW-5 | Sampled By SEL

Well Information Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 10.1 15.2
Measured Well Depth	17.0	Actual Purge Volume	15.2 (Gal)
Depth to Product	-	Product / Water Removed	-/- (Gal)
Depth to Water	3.84	Color Of Product	-

Well Box Type and Location ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 6

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0843	6	7.0	5300	20.7	CLEAR	SLIGHT	Low
0855	10.1	6.8	4100	22.6	"	NONE	"
0901	15.2	6.8	4200	22.8	"	"	"
0901	15.2	STOPPED	PURGING				

Pumping Rate 0.5 GPM | 80% Recovery Depth 5.69 | Sample Time 0939

Max Depth: 10.11 | Recovery Depth 3.95 @ 0936 | Caps / Lock

Notes: No Lock - DEQ

Signature [signature] | Date 4-22-05 | Page 6 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # MW-6 | Sampled By SEL

Well Information Well Survey Point TOC

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 7.0
Measured Well Depth	13.2	Actual Purge Volume	5.6 (Gal)
Depth to Product	ND	Product / Water Removed	-/- (Gal)
Depth to Water	4.06	Color Of Product	-

10.5

Well Box Type and Location ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" ☒ 9/16" 5/8" 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition Good ✓Fair Poor (_____) Cracked None

Crown Height Good ✓Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
1114	0	7.2	1100	22.8	CLEAR	STRONG	MODERATE
1122	39	7.8	1500	23.2	"	"	"
1122	39	PURGED	TO BOTTOM		-	-	-
1137	39	RESTART	PURGE	-	-	-	-
1139	56	7.8	2000	23.5	CLEAR	STRONG	MODERATE
1139	56	PURGED	TO BOTTOM - STOPPED	PURGING			-

Pumping Rate 0.5 GPM | 80% Recovery Depth 5.89 | Sample Time 1212

Max Depth: 13.2 | Recovery Depth 5.84 @ 1209 | ~~Caps / Lock~~

Notes: _____

Signature [signature] | Date 4-21-05 | Page 7 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-7 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 7.7
Measured Well Depth	12.5	Actual Purge Volume	11.6 (Gal)
Depth to Product	–	Product / Water Removed	– / – (Gal)
Depth to Water	2.56	Color Of Product	–

11.6

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts _____ 7/16" 1/2" ☒ 9/16" 5/8" 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 2

Seal Condition | Good Fair Poor (_____) Cracked None

Crown Height | Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0655	0	8.4	4400	19.1	Brown	None	High
0702	7.7	7.9	5100	19.7	"	"	"
0707	11.6	7.8	5200	20.1	"	"	"
0707	11.6	Stopped	Reach				

Pumping Rate 1.0 GPM | 80% Recovery Depth 4.37 | Sample Time 0818

Max Depth: 11.6 | Recovery Depth 2.57 @ 0815 | Caps / Lock

Notes: Mud in Box > 100

Signature [signature] | Date 4-22-05 |

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # MW-8 | Sampled By SEL

Well Information Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 6.2
Measured Well Depth	11.7	Actual Purge Volume	9.3 (Gal)
Depth to Product	-	Product / Water Removed	- / - (Gal)
Depth to Water	3.61	Color Of Product	-

9.3

Well Box Type and Location ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" ☒ 9/16" 5/8" 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0 / BOLT STRIPPED

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0845	0	6.8	5500	22.8	CLEAR	SWEET/STRONG	LOW
0852	6.2	6.7	5900	23.8	"	"	"
0856	9.3	6.7	6000	23.6	"	"	"
0856	9.3	STOPPED	PURGING	-	-	-	-

Pumping Rate 0.8 GPM | 80% Recovery Depth 4.06 | Sample Time 0905

Max Depth: 5.88 | Recovery Depth 4.06 @ 0902 | Caps / Lock

Notes: ROOTS IN WELL CASING

Signature [signature] | Date 4-21-05 | Page 9 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-9 | **Sampled By** SEL

Well Information Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 7.5
Measured Well Depth	13.7	Actual Purge Volume	9.3 (Gal)
Depth to Product	-	Product / Water Removed	- / - (Gal)
Depth to Water	3.90	Color Of Product	-

113

Well Box Type and Location ☐ Emco Wheaton Pomeco Alhambra ☒ Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts 4 7/16" 1/2" ☒ 9/16" 5/8" 3/4" ☐ 15/16" _____

# of Bolts Broken Off ____ # of Bolts Missing ____ ____

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0725	0	7.5	2900	21.1	CLEAR	STRONG	MODERATE
0735	5.6	7.5	5500	21.9	"	"	"
0735	5.6	PURGED TO BOTTOM - STOPPED PURGING				-	-
0750	5.6	RESTART PURGING > 80% RECOVERY					
0752	7.3	7.4	5000	21.9	CLEAR	STRONG	MODERATE
0753	9.3		5100	22.1	"	"	"
0753	9.3	PURGED TO BOTTOM - STOPPED PURGING				-	-

Pumping Rate 0.6 GPM | 80% Recovery Depth 5.86 | Sample Time 0825

Max Depth: 13.7 | Recovery Depth 4.17 @ 0821 | ~~Caps / Lock~~

Notes: [illegible] PUMP

2x2 STEEL VAULT - HANDLE BROKEN OFF, HARD TO HANDLE

Signature | Date 4-22-05 | Page 10 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-10 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 6.9
Measured Well Depth	12.9	Actual Purge Volume	10.4 (Gal)
Depth to Product	-	Product / Water Removed	- (Gal)
Depth to Water	3.97	Color Of Product	-

10.4

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" ☒ 9/16" 5/8" 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 2

Seal Condition | Good Fair ✓ Poor (_____) Cracked None

Crown Height | Good ✓ Fair Poor (_____) ✓ Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0824	0	7.6	4500	20.5	GREY	STRONG	MODERATE
0823	6.9	7.1	5300	22.0	CLEAR	"	LOW
0828	10.4	7.0	5400	22.3	"	"	"
0828	2.4	STOPPED	PURGING	-	-	-	-

Pumping Rate 6.7 GPM	80% Recovery Depth 5.21	Sample Time 0835
Max Depth: 10.15	Recovery Depth 5.21 @ 0832	Caps / Lock

Notes: _____

Signature [signature] | Date 4-21-05 | Page 11 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-11 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 12.1 18.2
Measured Well Depth	19.9	Actual Purge Volume	18.2 (Gal)
Depth to Product	-	Product / Water Removed	- / - (Gal)
Depth to Water	4.20	Color Of Product	-

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts ____ 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" ____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition | Good Fair Poor (_____) Cracked None

Crown Height | Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0707	0	6.1	7000	19.1	TAN	NONE	HIGH
0718	12.1	6.5	6700	21.0	CLEAR	SLIGHT	LOW
0724	18.2	6.6	6800	21.5	"	"	"
0724	18.2	STOPPED PUMPING					

Pumping Rate 1.1 GPM | 80% Recovery Depth 7.06 | Sample Time 0753

Max Depth: 18.5 | Recovery Depth 6.15 @ 0750 | Caps / Lock

Notes:

Signature [signature] | Date 4-21-05 | Page 12 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # MW-12 | Sampled By SEL

Well Information Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 8.0
Measured Well Depth	15.7	Actual Purge Volume	12.0 (Gal)
Depth to Product	-	Product / Water Removed	-/- (Gal)
Depth to Water	5.30	Color Of Product	-

12.0

Well Box Type and Location ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
1402	0	8.0	3100	24.6	CLEAR	STRONG	200
1410	8.0	7.5	3700	22.9	"	"	"
1416	12.0	7.4	3800	22.7	"	"	"
1416	12.0	STOPPED PURGING					
		1 RAINBOW SHEEN AT TIME OF SAMPLING					

Pumping Rate .02 GPM | 80% Recovery Depth 7.28 | Sample Time 1433

Max Depth: 15.2 | Recovery Depth 6.94 @ 1429 | Caps / Lock

Notes: No Lock

Signature [signature] | Date 4-21-05 | Page 13 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-13 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO NORTH

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 10.7
Measured Well Depth	18.7	Actual Purge Volume	16.1 (Gal)
Depth to Product	ND	Product / Water Removed	-/- (Gal)
Depth to Water	4.85	Color Of Product	

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition | ✓ Good Fair Poor (_____) Cracked None

Crown Height | ✓ Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
1147	0	7.7	2300	23.6	CLEAR	STRONG	~~LOW~~ HIGH
1155	10.7	7.4	5400	23.7	GREY	"	MODERATE
1159	16.1	7.5	5500	23.7	"	"	"
1159	16.1	STOPPED	PURGING	-	-	-	-

Pumping Rate 1.4 GPM | 80% Recovery Depth 6.05 | Sample Time 1205

Max Depth: 10.87 | Recovery Depth 6.05 @ 1202 | ~~Caps / Lock~~

Notes: VERY STRONG ODOR

Signature [signature] | Date 4-21-05 | Page 14 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # MW-14 | Sampled By SEL

Well Information Well Survey Point NOTCH TO NORTH

Casing Material PVC — Casing / Well Diameter 2" / 8"

Constructed Well Depth NP — Casing Vol -------- — Well Vol 11.1 — 16.7

Measured Well Depth 18.5 — Actual Purge Volume 16.7 (Gal)

Depth to Product - — Product / Water Removed 7 (Gal)

Depth to Water 4.12 — Color Of Product

Well Box Type and Location ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" 9/16" 5/8" ☒ 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition ✓Good Fair Poor (_____) Cracked None

Crown Height ✓Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0732	0	7.2	3300	19.4	TAN	STRONG	HIGH
0749	11.1	6.0	4700	20.7	CLEAR	SLIGHT	LOW
0755	16.7	6.1	4700	21.0	"	"	"
0755	16.7	STOPPED	PURGING	-	-	-	-

Pumping Rate 0.8 GPM | 80% Recovery Depth 6.84 | Sample Time 0805

Max Depth: 17.7 | Recovery Depth 6.14 @ 0801 | ~~Caps~~ / ~~Lock~~

Notes: H2O IN BOX > TOC

Signature [signature] | Date 4-21-05 | Page 15 of 21

FLOW METER CLOGGED

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-15 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"	
Constructed Well Depth	NP	Casing Vol --------	Well Vol 11.1	16.7
Measured Well Depth	18.8	Actual Purge Volume	16.7 (Gal)	
Depth to Product	ND	Product / Water Removed	/ (Gal)	
Depth to Water	4.36	Color Of Product		

Well Box Type and Location | ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" 9/16" 5/8" ☒ 3/4" ☐ 15/16" _____

# of Bolts Broken Off 0 # of Bolts Missing 0

Seal Condition | Good Fair Poor (_____) Cracked None

Crown Height | Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0639	0	8.2	5700	18.0	Brown	None	High
0646	11.1	7.1	5800	19.2	Clear	"	Low
0651	16.7	7.0	5700	19.8	"	"	"
0651	16.7	Stopped	Purging				

Pumping Rate 1.4 GPM | 80% Recovery Depth 5.98 | Sample Time 0655

Max Depth: 12.45 | Recovery Depth 5.98 @ 0653 | Caps / Lock

Notes:

Signature [signature] | Date 4-21-05 | Page 16 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-16 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO NORTH

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 11.6
Measured Well Depth	19.1	Actual Purge Volume	11.6 (Gal)
Depth to Product	–	Product / Water Removed	– / – (Gal)
Depth to Water	4.03	Color Of Product	/

17.4

Well Box Type and Location | ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location: _____

Well Box Bolts | # of Bolts 2 7/16" 1/2" 9/16" 5/8" ☒ 3/4" ☐ 15/16" _____

# of Bolts Broken Off ____ # of Bolts Missing _____

Seal Condition | Good Fair Poor (_____) Cracked None

Crown Height | Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0915	0	7.1	6500	24.2	CLEAR	NONE	LOW
0925	9.0	7.3	7700	24.4	"	SLIGHT	"
0925	9.0	PURGED	TO BOTTOM	-	-	-	-
0935	9.0	RESTART	PURGING	> 80%	RECOVERY	-	—
0940	11.6	7.2	3400	24.7	CLEAR	SLIGHT	LOW
0940	11.6	PURGED	TO BOTTOM -	STOPPED	PURGING		

Pumping Rate .9 GPM	80% Recovery Depth 7.04	Sample Time 1023
Max Depth: 19.1	Recovery Depth 4.65 @ 1020	Caps / Lock

Notes: _____

Signature [signature]	Date 4-21-05	Page 17 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406	Well # MW-17	Sampled By SEL

Well Information Well Survey Point TOC TO N

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 10.7
Measured Well Depth	17.1	Actual Purge Volume	12.4 (Gal)
Depth to Product	ND	Product / Water Removed	- / - (Gal)
Depth to Water	3.18	Color Of Product	-

Well Box Type and Location ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" 9/16" 5/8" ☒ 3/4" ☒ 15/16" 1 of each

# of Bolts Broken Off 0 # of Bolts Missing 0 2 15/16" BOLTS

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turbidity
1037	0	7.4	6800	21.0	BROWN	NONE	HIGH
1045	7.2	7.3	5700	23.8	CLEAR	"	MODERATE
1045	7.2	PURGED	TO BOTTOM	-	-	-	-
1049	7.2	RESTART	PURGING		> 80%	RECOVERY	-
1054	10.7	7.2	5500	23.2	CLEAR	NONE	MODERATE
1056	12.4	7.1	5500	23.2	"	"	"
1056	12.4	PURGED	TO BOTTOM	STOPPED	PURGING	-	-

Pumping Rate 1.6 GPM	80% Recovery Depth 5.96	Sample Time 1103
Max Depth: 17.1	Recovery Depth 5.96 @ 1107	~~Caps Lock~~

Notes: _____

Signature	Date 4-21-05	Page 18 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** MW-18 | **Sampled By** SEL

Well Information	Well Survey Point	TOC TO NORTH	
Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 12.0 18.0
Measured Well Depth	19.2	Actual Purge Volume	18.0 (Gal)
Depth to Product	–	Product / Water Removed	– / – (Gal)
Depth to Water	3.66	Color Of Product	–

Well Box Type and Location ☐ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument ☒ M/D Box Location: _____

Well Box Bolts # of Bolts 2 7/16" 1/2" 9/16" 5/8" ☒ 3/4" ☒ 15/16" 1 of each

# of Bolts Broken Off 0 # of Bolts Missing 0 1-3/4" 1-15/16"

Seal Condition ✓Good Fair Poor (_____) Cracked None

Crown Height ✓Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0952	0	7.7	6700	20.5	TAN	SLIGHT	HIGH
1001	12.0	7.5	6300	21.9	CLEAR	"	LOW
1006	18.0	7.4	6200	22.6	"	"	"
1006	18.0	STOPPED	PURGING	–	–	–	–

Pumping Rate 1.3 GPM	80% Recovery Depth 5.17	Sample Time 1013
Max Depth: 11.21	Recovery Depth 5.17 @ 1010	~~Caps~~ / ~~Lock~~

Notes: _____

Signature	Date 4-21-05	Page 19 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | **Well #** TDD-1 | **Sampled By** SEL

Well Information | Well Survey Point TOC TO NORTH

Casing Material PVC | Casing / Well Diameter 2" / 8"

Constructed Well Depth NP | Casing Vol -------- | Well Vol 55 E.3

Measured Well Depth 12.3 | Actual Purge Volume 5.0 (Gal)

Depth to Product ____ | Product / Water Removed / (Gal)

Depth to Water 5.19 | Color Of Product ____

Well Box Type and Location | ☒ Emco Wheaton Pomeco Alhambra Vault (____)

DWP (Steel / Alum.) CNR Monument Box Location: ____

Well Box Bolts | # of Bolts ____ 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" ____

# of Bolts Broken Off 0 # of Bolts Missing 0 ✓ Both Bolts Stripped

Seal Condition | ✓Good Fair Poor (____) Cracked None

Crown Height | ✓Good Fair Poor (____) Depressed

None (____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0957	0	7.5	1200	21.8	Clear	Strong	Low
1005	5.0	7.1	5700	22.7	Brown	"	Low
1005	5.0	Stopped	Purging	-	-	-	-
		0.02'	PSH	Present	After	Purging	No
		Sample	Collected				

Pumping Rate 6.L GPM | 80% Recovery Depth N/A | Sample Time -

Max Depth: DRY 12.3 | Recovery Depth ____ @ - | ~~Caps / Lock~~

Notes: Sheen Developed while Purging.

(*) Continuous Sheen Present

Signature [signature] | Date 4-22-05 | Page 20 of 21

GROUNDWATER SAMPLING FIELD DATA SHEET

Client, SS# Thrifty, 406 | Well # TDD-2 | Sampled By SEL

Well Information Well Survey Point TOC TO NORTH

Casing Material	PVC	Casing / Well Diameter	2" / 8"
Constructed Well Depth	NP	Casing Vol --------	Well Vol 6.6 9.9
Measured Well Depth	12.6	Actual Purge Volume	9.9 (Gal)
Depth to Product	–	Product / Water Removed	- / - (Gal)
Depth to Water	4.06	Color Of Product	

Well Box Type and Location ☒ Emco Wheaton Pomeco Alhambra Vault (_____)

DWP (Steel / Alum.) CNR Monument Box Location: _____

Well Box Bolts # of Bolts ____ 7/16" 1/2" 9/16" 5/8" 3/4" ☒ 15/16" ____

# of Bolts Broken Off 0 # of Bolts Missing 0 1 BOLT STRIPPED

Seal Condition Good Fair Poor (_____) Cracked None

Crown Height Good Fair Poor (_____) Depressed

None (_____) Not Applicable (Monument Box)

Time	Volume (Gal)	pH	Cond (µMhos)	Temp (°C)	Color	HC Odor	Turb-idity
0934	0	6.4	4700	20.4	BROWN	SLIGHT	HIGH
0940	6.6	7.0	5100	21.9	CLEAR	MODERATE	LOW
0944	9.9	7.1	5000	21.8	"	"	"
0944	9.9	STOPPED	PURGING	-	-	-	-

Pumping Rate 1.0 GPM | 80% Recovery Depth 4.03 | Sample Time 0949

Max Depth: 4.17 | Recovery Depth 4.00 @ 0946 | ~~Caps / Lock~~

Notes:

Signature [signature] | Date 4-22-05 | Page 21 of 21

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD

Date 4/ /05 Page 1 of

CLIENT [illegible] Co

ADDRESS [illegible] Imperial Hwy
SE [illegible] Co 90670

PROJECT NAME
TOC [illegible]

PROJECT MANAGER [illegible]

PHONE NUMBER 562 921-3581

SAMPLERS: (Signature) [illegible]

Lab Use Only:
Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
MW 2		[illegible]	1423	X			4		[illegible]
MW 6			1212						
MW 8			0905						
MW 10			0835						
MW 11			0753						
MW 12			1433						
MW 13			1205						
MW 14			0805						
MW 15			0655						
MW 16			1023						
MW 17			1105						
MW 18			1013				4		[illegible]
[illegible]		[illegible]	--	X			2		[illegible]

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[illegible]	[illegible]	4/25/05 1230
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions:

I hereby authorize the performance of the above indicated work.

[illegible]

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD

Date 4/22/05 Page 1 of 1

CLIENT Thrifty Oil Co.
ADDRESS 13116 Imperial Hwy
S.C. Springs, Ca 90670
PROJECT NAME TOC #406

PROJECT MANAGER Larry Higinbotham
PHONE NUMBER (562) 921-3581
SAMPLERS: (Signature) [signature] DOE ENV.

Lab Use Only:
Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
MW-3		4/22/05	1004	X			4		TPH-G 8015 / BTEX 8021 / [illegible] 8260
MW 4			0833						
MW-5			0939						
MW-7			0818						
MW9			0825						
TDD-2			0949				4		[illegible] 8260
Trip Blank		4/22/05	--	X			2		TPH-G 8015 / BTEX 8021

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature] DOE ENV.	[signature]	4/25/05 1230
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: [illegible] DOE ENV.

I hereby authorize the performance of the above indicated work.

[signature]

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ENVIRONMENTAL BARREL / DRUM INVENTORY

Date of Inventory: 4/22/05 *(sometime is different than generation date)*

Personnel / Company: BBC ENV.
(doing this inventory)

SITE INFO: STATION # 406
ADDRESS 1902 SUNSET CLIFFS BLVD
CITY SAN DIEGO CA

Please fill out this inventory form **COMPLETELY** and **IN DETAIL**.
Make sure you include ALL drums onsite, not just the drums you are generating.
Please **write in Block Letters**, longhand writing may not be legible.

Upon completion, please submit / fax this inventory form to:

Earth Management Co.
Attn: Jeff Suryakusuma
13116 Imperial Highway, Santa Fe Springs, CA 90670
ph: (562) 921-3581 fax: (562) 921-7510

Non-Hazardous Solids	Non-Hazardous Liquids	Hazardous Liquids	Empty Drum	DRUM LABEL INFORMATION: Generator	Generation DATE	Content Description	Comments / Condition of drums / Location of drums
	X			BBC	4/22/05	PSH + H_2O FROM GW WELLS	DRUMS LOCATED ON N SIDE OF
	X			BBC	4/21/05	PSH + H_2O FROM GW WELLS	STATION BUILDING
			X				"
			X				"
			X				"

TOTAL [ ] TOTAL 2 TOTAL [ ] TOTAL 3 TOTAL BARRELS/ DRUMS ONSITE 5

Rev 06/24/02

NOTE:
- PLEASE MAKE SURE THE CONTAINERS / BARRELS ARE TIGHT, **PROPERLY LABELED**, AND FREE OF LEAKS
- THE CONTAINERS SHOULD BE STORED IN A SAFE PLACE, SO AS NOT TO DISTURB THE BUSINESS, TO NOT CREATE ANY POSSIBLE DANGER FOR CUSTOMERS AND/OR PERSONNEL, AND TO MAINTAIN THE IMAGE AND CLEANLINESS OF THE FACILITY.

OFFICE USE ONLY
STN #
Stn File ☐
Inv. Book ☐
W.D. Log ☐

APPENDIX B

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Thrifty Oil Company (8871)
ATTN: Larry Higinbotham
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 149439
REPORTED 05/06/2005
RECEIVED 04/25/2005

PROJECT Station #406

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
615260	TOC #406, MW-3
615261	TOC #406, MW-4
615262	TOC #406, MW-5
615263	TOC #406, MW-7
615264	TOC #406, MW-9
615265	TOC #406, TDD-2
615266	TOC #406, Trip Blank
615267	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 615260 **Client Sample ID** TOC #406, MW-3
Matrix: WATER **Date Sampled:** 04/22/2005 **Time Sampled:** 10:04

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	1.2	1	1	0.22	ug/L	05/03/05 DP
Ethyl benzene	ND	1	5	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/03/05 DP
Toluene	1.6 J	1	5	0.32	ug/L	05/03/05 DP
Xylenes, total	2.3 J	1	5	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102				%	70 - 130
Surr3 - Toluene-d8	100				%	70 - 130
Surr4 - p-Bromofluorobenzene	97				%	70 - 130
8015B - Gasoline						
Gasoline	120	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	76				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615261 Client Sample ID TOC #406, MW-4
Matrix: WATER Date Sampled: 04/22/2005 Time Sampled: 08:33

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	2.5	1	1	0.22	ug/L	05/03/05 DP
Ethyl benzene	4.1 J	1	5	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	13	1	1	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/03/05 DP
Toluene	ND	1	5	0.32	ug/L	05/03/05 DP
Xylenes, total	1.9 J	1	5	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	100				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	98				%	70 - 130
Surr4 - p-Bromofluorobenzene	108				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	63				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615262 Clier ample ID: TOC #406, MW-5
Matrix: WATER Date Sampled: 04/22/2005 Time Sampled: 09:39

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/03/05 DP
Ethyl benzene	ND	1	5	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	53	1	1	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	42	1	10	10	ug/L	05/03/05 DP
Toluene	ND	1	5	0.32	ug/L	05/03/05 DP
Xylenes, total	ND	1	5	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	98				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	102				%	70 - 130
Surr3 - Toluene-d8	98				%	70 - 130
Surr4 - p-Bromofluorobenzene	112				%	70 - 130
8015B - Gasoline						
Gasoline	68	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	71				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615263 Client Sample ID: TOC #406, MW-7
Matrix: WATER Date Sampled: 04/22/2005 Time Sampled: 08:18

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/03/05 DP
Ethyl benzene	ND	1	5	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/03/05 DP
Toluene	ND	1	5	0.32	ug/L	05/03/05 DP
Xylenes, total	ND	1	5	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	77				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615264 Client Sample ID TOC #406, MW-9
Matrix: WATER Date Sampled: 04/22/2005 Time Sampled: 08:25

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	104	10	10.0	0.22	ug/L	05/03/05 DP
Ethyl benzene	332	10	50.0	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	375	10	10.0	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	1240	10	100.0	10	ug/L	05/03/05 DP
Toluene	ND	10	50.0	0.32	ug/L	05/03/05 DP
Xylenes, total	121	10	50.0	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	112				%	70 - 130
8015B - Gasoline						
Gasoline	2980	5	250.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	145				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615265 Client Sample ID: TOC #406, TDD-2
Matrix: WATER Date Sampled: 04/22/2005 Time Sampled: 09:49

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	35	10	10.0	0.22	ug/L	05/03/05 DP
Ethyl benzene	465	10	50.0	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	738	10	10.0	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	23	10	10.0	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	954	10	100.0	10	ug/L	05/03/05 DP
Toluene	ND	10	50.0	0.32	ug/L	05/03/05 DP
Xylenes, total	ND	10	50.0	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	96				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	108				%	70 - 130
8015B - Gasoline						
Gasoline	3400	5	250.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	178				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615266 Clien ımple ID TOC #406, Trip Blank
Matrix: WATER Date Sampled: 04/22/2005

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.14	ug/L	04/28/05 WL
Ethyl benzene	ND	1	0.3	0.18	ug/L	04/28/05 WL
Toluene	ND	1	0.3	0.16	ug/L	04/28/05 WL
Xylene (total)	ND	1	0.6	0.45	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	75				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	75				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615267 Clien ample ID Laboratory Method Blank
Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.14	ug/L	04/28/05 WL
Ethyl benzene	ND	1	0.3	0.18	ug/L	04/28/05 WL
Toluene	ND	1	0.3	0.16	ug/L	04/28/05 WL
Xylene (total)	ND	1	0.6	0.45	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	75				%	55 - 155
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/03/05 DP
Ethyl benzene	ND	1	5	0.31	ug/L	05/03/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/03/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/03/05 DP
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/03/05 DP
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/03/05 DP
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/03/05 DP
Toluene	ND	1	5	0.32	ug/L	05/03/05 DP
Xylenes, total	ND	1	5	0.4	ug/L	05/03/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	96				%	70 - 130
Surr3 - Toluene-d8	93				%	70 - 130
Surr4 - p-Bromofluorobenzene	107				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	75				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27 - 28, 2005

ID#'s in Batch: LR 149438, 149439, 149101, 149209, 149397, 149438

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	521	518	104	104	1

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	75
LCS	190
LCSD	190

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date: April 27 - 28, 2005

LAB ID#'s in Batch: LR 149438, 149439, 149101, 149209, 149397, 149437

REPORTING UNITS = ug/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	22.9	22.5	115	113	2
Toluene	8021	ND	20	21.3	20.9	107	105	2
Ethylbenzene	8021	ND	20	21.9	20.9	110	105	5
Xylenes	8021	ND	60	60.6	58.9	101	98	3

ND = Not Detected
RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD
%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS	*= 70 - 130*
RPD LIMITS	*= 30*

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	75
LCS	87
LCSD	86

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

QA RE. ,RT FORM - METHOD 8260 / 624 / 5. ..2

QC Sample: MS / MSD - Water Samples 149434-210

Analysis Date: May 3, 2005 2:28 AM

Applies to: LR 149434, 149439

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	55.44	53.98	111	108	3	22	59-172
MTBE	60.18	50.0	111.00	106.00	102	92	5	24	62-137
Benzene	76.13	50.0	130.00	126.00	108	100	3	24	62-137
Trichloroethene	ND	50.0	48.87	45.48	98	91	7	21	66-142
Toluene	844.00	50.0	908.00	868.00	128	48	5	21	59-139
Chlorobenzene	ND	50.0	48.87	47.24	98	94	3	21	60-133

QC Sample: LCS/LCSD 10:14 AM
Analysis Date: May 3, 2005

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk Dup.	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	52.55	52.03	105	104	1	22	59-172
MTBE	ND	50.0	46.45	48.20	93	96	4	24	62-137
Benzene	ND	50.0	49.98	50.89	100	102	2	24	62-137
Trichloroethene	ND	50.0	59.66	53.37	119	107	11	21	66-142
Toluene	ND	50.0	51.80	50.01	104	100	4	21	59-139
Chlorobenzene	ND	50.0	48.62	47.82	97	96	2	21	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 3	MB 4	MS	MSD	LCS	LCSD
DBFM	95	93	119	119	95	98
1,2-DCA	100	96	88	101	93	94
Tol-d8	98	95	102	96	99	97
p-BFB	102	107	107	106	108	108

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27, 2005

ID#'s in Batch: LR 148933, 148912, 149366, 148699, 149438, 149439

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	493	509	99	102	3

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	65
LCS	183
LCSD	175

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 28, 2005

Analysis Date April 28-29, 2005

ID#'s in Batch: LR 149435, 149438, 149439, 149434

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	447	456	89	91	2

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	99
LCS	144
LCSD	135

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: Thrifty oil Project: TEC 406

Date Cooler Received: 4/25 Date Cooler Opened: 4/25/05

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

Was the cooler packed with: Ice ____ Ice Packs ✓ Bubble wrap ____
Styrofoam ____ Paper ____ None ____ Other ____

Cooler Temperature: 4.2°C *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: ____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH.

Any other important information: ____

Receiving Department: DV Date: 4/25

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

149939 ✓

CHAIN OF CUSTODY RECORD

Date 4/22/05 Page 1 of 1

CLIENT: THRIFTY OIL CO.
ADDRESS: 13116 IMPERIAL HWY
SE SPRINGS, CA 90670
PROJECT NAME: TOC #406 ✓

PROJECT MANAGER: LARRY HKINBOTHAM
PHONE NUMBER: (562) 921-3581
SAMPLERS: (Signature) BBC ENV.

Lab Use Only:
Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED		
MW-3		4/22/05	1004	X			4		TPH-G 8015	BTEX 8021	MTBE+OXYS 8260
MW 4			0833								
MW-5			0939								
MW-7			0818								
MW 9			0825								
TDD-2			0949				4				MTBE+OXYS 8260
TRIP BLANK		4/22/05	--	X			2		TPH-G 8015	BTEX 8021	

Relinquished by: (Signature) BBC ENV.
Relinquished by: (Signature) 4/25/05 1775
Received by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time 4/25/05 1230
Date/Time 4/25/05 6:00

Special Instructions: USE COUNTY OF SAN DIEGO DETECTION LIMITS
ORIGINALS TO THRIFTY COPY TO BBC ENV.

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Larry Higinbotham
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 149438

REPORTED 05/10/2005

RECEIVED 04/25/2005

PROJECT Station #406

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
615246	TOC #406, MW-2
615247	TOC #406, MW-6
615248	TOC #406, MW-8
615249	TOC #406, MW-10
615250	TOC #406, MW-11
615251	TOC #406, MW-12
615252	TOC #406, MW-13
615253	TOC #406, MW-14
615254	TOC #406, MW-15
615255	TOC #406, MW-16
615256	TOC #406, MW-17
615257	TOC #406, MW-18
615258	TOC #406, Trip Blank
615259	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 615246 **Client Sample ID:** TOC #406, MW-2
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 14:23

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	609	10	10.0	0.22	ug/L	05/04/05 DP
Ethyl benzene	251	10	50.0	0.31	ug/L	05/04/05 DP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/04/05 DP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/04/05 DP
Methyl-tert-butylether (MTBE)	890	10	10.0	0.18	ug/L	05/04/05 DP
Tert-amylmethylether (TAME)	11	10	10.0	0.28	ug/L	05/04/05 DP
Tertiary butyl alcohol (TBA)	783	10	100.0	10	ug/L	05/04/05 DP
Toluene	ND	10	50.0	0.32	ug/L	05/04/05 DP
Xylenes, total	158	10	50.0	0.4	ug/L	05/04/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	82				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	82				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	78				%	70 - 130
8015B - Gasoline						
Gasoline	4250	10	500.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	107				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615247 **Client Sample ID** TOC #406, MW-6

Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 12:12

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	49	10	10.0	0.22	ug/L	05/04/05 DP
Ethyl benzene	18 J	10	50.0	0.31	ug/L	05/04/05 DP
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/04/05 DP
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/04/05 DP
Methyl-tert-butylether (MTBE)	1340	10	10.0	0.18	ug/L	05/04/05 DP
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	05/04/05 DP
Tertiary butyl alcohol (TBA)	1370	10	100.0	10	ug/L	05/04/05 DP
Toluene	ND	10	50.0	0.32	ug/L	05/04/05 DP
Xylenes, total	ND	10	50.0	0.4	ug/L	05/04/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	87				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	80				%	70 - 130
8015B - Gasoline						
Gasoline	3510	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	114				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615248 **Client Sample ID:** TOC #406, MW-8
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 09:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	72	1	1	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	1	5	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/01/05 AM
Toluene	ND	1	5	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	1	5	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	86				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	85				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	367	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	150				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615249 **Client Sample ID:** TOC #406, MW-10
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 08:35

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	55	10	10.0	0.22	ug/L	05/01/05 AM
Ethyl benzene	133	10	50.0	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	1560	10	10.0	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	12	10	10.0	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	1720	10	100.0	10	ug/L	05/01/05 AM
Toluene	ND	10	50.0	0.32	ug/L	05/01/05 AM
Xylenes, total	94	10	50.0	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	83				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	101				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	2960	5	250.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	141				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615250 **Client Sample ID** TOC #406, MW-11
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 07:53

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	10	10.0	0.22	ug/L	05/01/05 AM
Ethyl benzene	15 J	10	50.0	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	1480	10	10.0	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	784	10	100.0	10	ug/L	05/01/05 AM
Toluene	ND	10	50.0	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	10	50.0	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	82				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	102				%	70 - 130
Surr4 - p-Bromofluorobenzene	82				%	70 - 130
8015B - Gasoline						
Gasoline	1440	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	109				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615251 **Client Sample ID:** TOC #406, MW-12
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 14:33

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	6780	100	100.0	0.22	ug/L	05/01/05 AM
Ethyl benzene	3030	100	500.0	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	100	100.0	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	100	100.0	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	1920	100	100.0	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	100	100.0	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	1860	100	1000.0	10	ug/L	05/01/05 AM
Toluene	5020	100	500.0	0.32	ug/L	05/01/05 AM
Xylenes, total	6980	100	500.0	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	82				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	82				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	64800	100	5000.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	147				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615252 **Client Sample ID**: TOC #406, MW-13
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 12:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	68	1	1	0.22	ug/L	05/04/05 DP
Ethyl benzene	202	1	5	0.31	ug/L	05/04/05 DP
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/04/05 DP
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/04/05 DP
Methyl-tert-butylether (MTBE)	883	1	1	0.18	ug/L	05/04/05 DP
Tert-amylmethylether (TAME)	30	1	1	0.28	ug/L	05/04/05 DP
Tertiary butyl alcohol (TBA)	322	1	10	10	ug/L	05/04/05 DP
Toluene	ND	1	5	0.32	ug/L	05/04/05 DP
Xylenes, total	68	1	5	0.4	ug/L	05/04/05 DP
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	84				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	99				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	79				%	70 - 130
8015B - Gasoline						
Gasoline	3920	5	250.0	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	153				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615253 **Client Sample ID:** TOC #406, MW-14
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 08:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/01/05 AM
Ethyl benzene	2.2 J	1	5	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/01/05 AM
Toluene	ND	1	5	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	1	5	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	85				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	84				%	70 - 130
8015B - Gasoline						
Gasoline	76	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	100				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615254 **Client Sample ID**: TOC #406, MW-15
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 06:55

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	6.9	1	1	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	1	5	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	12	1	1	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/01/05 AM
Toluene	ND	1	5	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	1	5	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	83				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109				%	70 - 130
Surr3 - Toluene-d8	103				%	70 - 130
Surr4 - p-Bromofluorobenzene	80				%	70 - 130
8015B - Gasoline						
Gasoline	52	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	86				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615255 **Client Sample ID** TOC #406, MW-16
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 10:23

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	10	10.0	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	10	50.0	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	366	10	10.0	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	899	10	100.0	10	ug/L	05/01/05 AM
Toluene	ND	10	50.0	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	10	50.0	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	86				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	105				%	70 - 130
Surr3 - Toluene-d8	99				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	497	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	118				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615256 **Client Sample ID:** TOC #406, MW-17
Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 11:05

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	10	10.0	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	10	50.0	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	10	10.0	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	10	10.0	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	1430	10	10.0	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	10	10.0	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	ND	10	100.0	10	ug/L	05/01/05 AM
Toluene	ND	10	50.0	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	10	50.0	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	84				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	104				%	70 - 130
Surr3 - Toluene-d8	98				%	70 - 130
Surr4 - p-Bromofluorobenzene	82				%	70 - 130
8015B - Gasoline						
Gasoline	478	1	50	15	ug/L	04/27/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	67				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615257 **Client Sample ID**: TOC #406, MW-18

Matrix: WATER **Date Sampled:** 04/21/2005 **Time Sampled:** 10:13

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	1	5	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	161	10	10.0	0.18	ug/L	05/04/05 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	2880	10	100.0	10	ug/L	05/04/05 AM
Toluene	ND	1	5	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	1	5	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	85				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	111				%	70 - 130
Surr3 - Toluene-d8	96				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	88	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	86				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615258 **Client Sample ID:** TOC #406, Trip Blank
Matrix: WATER **Date Sampled:** 04/21/2005

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.14	ug/L	04/28/05 WL
Ethyl benzene	ND	1	0.3	0.18	ug/L	04/28/05 WL
Toluene	ND	1	0.3	0.16	ug/L	04/28/05 WL
Xylene (total)	ND	1	0.6	0.45	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	76				%	55 - 155
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/28/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	76				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

Order #: 615259 **Client Sample ID**: Laboratory Method Blank
Matrix: WATER

Analyte	Result	DF	PQL	MDL	Units	Date/Analyst
8021B BTEX						
Benzene	ND	1	0.3	0.14	ug/L	04/27/05 WL
Ethyl benzene	ND	1	0.3	0.18	ug/L	04/27/05 WL
Toluene	ND	1	0.3	0.16	ug/L	04/27/05 WL
Xylene (total)	ND	1	0.6	0.45	ug/L	04/27/05 WL
Surrogates					**Units**	**Control Limits**
Trifluorotoluene (sur)	75				%	55 - 155
8260B BTEX/MTBE Only						
Benzene	ND	1	1	0.22	ug/L	05/01/05 AM
Ethyl benzene	ND	1	5	0.31	ug/L	05/01/05 AM
Ethyl-tertbutylether (ETBE)	ND	1	1	0.17	ug/L	05/01/05 AM
Isopropyl ether (DIPE)	ND	1	1	0.29	ug/L	05/01/05 AM
Methyl-tert-butylether (MTBE)	ND	1	1	0.18	ug/L	05/01/05 AM
Tert-amylmethylether (TAME)	ND	1	1	0.28	ug/L	05/01/05 AM
Tertiary butyl alcohol (TBA)	ND	1	10	10	ug/L	05/01/05 AM
Toluene	ND	1	5	0.32	ug/L	05/01/05 AM
Xylenes, total	ND	1	5	0.4	ug/L	05/01/05 AM
Surrogates					**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	82				%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103				%	70 - 130
Surr3 - Toluene-d8	101				%	70 - 130
Surr4 - p-Bromofluorobenzene	81				%	70 - 130
8015B - Gasoline						
Gasoline	ND	1	50	15	ug/L	04/27/05 WL
Surrogates					**Units**	**Control Limits**
a,a,a-Trifluorotoluene	75				%	55 - 200

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
ND = Not detected below indicated MDL, J=Trace

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27, 2005

ID#'s in Batch: LR 148933, 148912, 149366, 148699, 149438, 149439

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	493	509	99	102	3

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	65
LCS	183
LCSD	175

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27 - 28, 2005

ID#'s in Batch: LR 149349, 149434, 149060, 149438, 148696

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	487	478	97	96	2

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	60
LCS	190
LCSD	190

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27 - 28, 2005

ID#'s in Batch: LR 149438, 149439, 149101, 149209, 149397, 149438

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	521	518	104	104	1

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS	*= 70 - 130*
RPD LIMITS	*= 30*

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	75
LCS	190
LCSD	190

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 149384-920

Analysis Date: April 30, 2005 4:45 PM

Applies to: LR 149384, 149550, 149530, 149481, 149562, 149556, 149557, 149490, 149438

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	45.51	47.79	91	96	5	22	59-172
MTBE	ND	50.0	44.77	44.21	90	88	1	24	62-137
Benzene	ND	50.0	52.45	52.55	105	105	0	24	62-137
Trichloroethene	ND	50.0	45.59	46.34	91	93	2	21	66-142
Toluene	ND	50.0	51.21	51.48	102	103	1	21	59-139
Chlorobenzene	ND	50.0	51.72	51.02	103	102	1	21	60-133

QC Sample: LCS 10:35 AM
Analysis Date: May 1, 2005

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50.0	53.55	107	59-172
MTBE	ND	50.0	50.34	101	62-137
Benzene	ND	50.0	47.24	94	62-137
Trichloroethene	ND	50.0	49.83	100	66-142
Toluene	ND	50.0	51.13	102	59-139
Chlorobenzene	ND	50.0	52.16	104	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 1	MB 2	MS	MSD	LCS
DBFM	85	82	90	89	88
1,2-DCA	105	103	87	84	90
Tol-d8	98	101	100	101	98
p-BFB	83	81	80	86	78

ASSOCIATED LABORATORIES

QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 149644-245

Analysis Date: May 4, 2005 5:58 AM

Applies to: LR 149721, 149438, 149644, 149435

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	48.74	58.49	97	117	18	22	59-172
MTBE	ND	50.0	50.55	52.59	101	105	4	24	62-137
Benzene	ND	50.0	50.53	53.32	101	107	5	24	62-137
Trichloroethene	ND	50.0	45.91	46.09	92	92	0	21	66-142
Toluene	ND	50.0	54.14	55.82	108	112	3	21	59-139
Chlorobenzene	ND	50.0	53.10	54.52	106	109	3	21	60-133

QC Sample: LCS # 2 10:14 PM
Analysis Date: May 3, 2005

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50.0	50.13	100	59-172
MTBE	ND	50.0	48.69	97	62-137
Benzene	ND	50.0	47.98	96	62-137
Trichloroethene	ND	50.0	42.51	85	66-142
Toluene	ND	50.0	50.42	101	59-139
Chlorobenzene	ND	50.0	51.11	102	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 1	MB 2	MS	MSD	LCS 2
DBFM	79	82	87	87	86
1,2-DCA	103	104	90	95	91
Tol-d8	100	100	97	95	99
p-BFB	79	77	76	75	73

ASSOCIATED LABORATORIES

QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 149366-850

Analysis Date: May 1, 2005 4:46 PM

Applies to: LR 149438, 149366, 149355

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	46.37	48.54	93	97	5	22	59-172
MTBE	67.97	50.0	122.92	124.89	110	114	2	24	62-137
Benzene	27.45	50.0	78.76	78.18	103	101	1	24	62-137
Trichloroethene	ND	50.0	44.58	42.56	89	85	5	21	66-142
Toluene	ND	50.0	51.06	50.48	102	101	1	21	59-139
Chlorobenzene	ND	50.0	50.43	49.62	101	99	2	21	60-133

QC Sample: LCS 2:44 AM
Analysis Date: May 2, 2005

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50.0	55.74	111	59-172
MTBE	ND	50.0	50.93	102	62-137
Benzene	ND	50.0	53.43	107	62-137
Trichloroethene	ND	50.0	46.06	92	66-142
Toluene	ND	50.0	51.75	104	59-139
Chlorobenzene	ND	50.0	50.95	102	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	MB 3	MB 4	MS	MSD	LCS
DBFM	83	87	90	91	92
1,2-DCA	105	107	92	91	96
Tol-d8	97	99	95	97	97
p-BFB	84	81	80	82	78

ASSOCIATED LABORATORIES

LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date: April 27 - 28, 2005

LAB ID#'s in Batch: LR 149438, 149439, 149101, 149209, 149397, 149437

REPORTING UNITS = ug/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	22.9	22.5	115	113	2
Toluene	8021	ND	20	21.3	20.9	107	105	2
Ethylbenzene	8021	ND	20	21.9	20.9	110	105	5
Xylenes	8021	ND	60	60.6	58.9	101	98	3

ND = Not Detected
RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD
%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

%REC LIMITS	*= 70 - 130*
RPD LIMITS	*= 30*

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	75
LCS	87
LCSD	86

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 27, 2005

Analysis Date April 27 - 28, 2005

ID#'s in Batch: LR 149139, 149438, 149458, 149457, 149481

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	466	454	93	91	3

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS	*= 70 - 130*
RPD LIMITS	*= 30*

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	85
LCS	125
LCSD	180

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS/LCSD

Matrix: WATER

Prep. Date: April 28, 2005

Analysis Date April 28-29, 2005

ID#'s in Batch: LR 149435, 149438, 149439, 149434

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	447	456	89	91	2

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	99
LCS	144
LCSD	135

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: Thrifty Oil Project: TPC 466

Date Cooler Received: 4/25 Date Cooler Opened: 4/25/05

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

Was the cooler packed with: Ice ✓ Ice Packs ✓ Bubble wrap ____
Styrofoam ____ Paper ____ None ____ Other ____

Cooler Temperature: 4.2°C *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: ____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH.

Any other important information: ____

Receiving Department: DV Date: 4/25

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

149438

CHAIN OF CUSTODY RECORD

Date 4/21/05 Page 1 of ____

CLIENT Thrifty Oil Co.
ADDRESS 13116 Imperial Hwy.
S.F. Springs, Ca 90670
PROJECT NAME [illegible] SS # 406

PROJECT MANAGER Larry Higinbotham
PHONE NUMBER 562-921-3581
SAMPLERS: (Signature) [signature] BBC ENV

Lab Use Only:
Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled ____ Frozen ____
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED		
MW-2		4/21/05	1423	X			4		TPH-G 8015	BTEX 8021	MTBE+OXYS 8260
MW-6			1212								
MW-8			0905								
MW-10			0835								
MW-11			0753								
MW-12			1433								
MW-13			1205								
MW-14			0805								
MW-15			0655								
MW-16			1023								
MW-17			1105								
MW-18			1013				4				MTBE + OXYS 8260
TRIP BLANK		4/21/05	--	X			2		TPH-G 8015	BTEX 8021	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature] BBC ENV.	[signature]	4/25/05 1230
Relinquished by: (Signature) [signature] 4/25/05 1725	Received by Laboratory for analysis: (Signature) [signature]	Date/Time 4/25/05 6:00

Special Instructions:

I hereby authorize the performance of the above indicated work.

[signature]

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier