



2060 KNOLL DRIVE, SUITE 200, VENTURA, CALIFORNIA 93003
(805) 644-5892 • FAX (805) 654-0720

ALCO
HAZMAT

94 FEB 23 PM 1:50

February 18, 1994

Larry Seto, Haz. Mat. Specialist
Alameda County Health Care Service
Department of Environmental Health
80 Swan Way, Rm. 200
Oakland, CA 94621

Subject: Desert Petroleum Station #796
2844 Mountain Blvd.
Oakland, California 94602

Dear Mr. Seto:

Enclosed is the most recent Groundwater Monitoring Report for Desert Petroleum's Station No. 796, located in Oakland, California.

Please call Mr. Rick Pilat at RSI me if you have any questions regarding this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Heather Davis".

Heather Davis
Remediation Service, Int'l.

cc: John Rutherford
Desert Petroleum

enclosure



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ALCO
HAZMAT

94 FEB 23 PM 1:50

QUARTERLY MONITORING REPORT
for
DESERT PETROLEUM STATION NUMBER 796
2844 Mountain Boulevard
Oakland, CA 94602

Prepared for:
DESERT PETROLEUM
P.O. Box 1601
Oxnard, CA 93032
(805) 644-6784

Prepared by:
RSI - REMEDIATION SERVICE, INT'L
2060 Knoll Drive
Ventura, CA 93003
(805) 644-5892


Michael Mulhern
E.G. #1507

February 18, 1994

TABLE OF CONTENTS

1.0 INTRODUCTION	Page 1
2.0 GROUNDWATER MONITORING	Page 1
2.1 Groundwater Monitoring Procedures	Page 1
2.2 Groundwater Monitoring Results	Page 2
3.0 REMEDIATION UPDATE	Page 2
3.0 LIMITATIONS	Page 2
FIGURES	
1. Location Map	
2. Site Plan	
TABLES	
1. Groundwater Data	
2. Summary of Analytical Results	
APPENDICES	
A. Groundwater Sample Logs	
B. Laboratory Reports and Chain of Custody Documents	

1.0 INTRODUCTION

This report presents the results of groundwater monitoring and gives an update of remedial activity for Desert Petroleum Station Number 796. The subject property is located at the intersection of Mountain Boulevard and Werner Court at 2844 Mountain Boulevard in Oakland, Alameda County, California 94602 (Figure 1). The property is currently occupied by a retail gasoline station operating under the ARCO trade name. Site improvements include three underground storage tanks, two pump islands and an office/garage building. The tanks contain various grades of unleaded gasoline and diesel and have individual storage capacities of 3,000, 4,000, and 10,000 gallons.

Elevated concentrations of gasoline have been identified in both the soil and shallow groundwater at this site.

Active remediation of soil contamination began at the site in June, 1991 using an RSI S.A.V.E.TM System to vacuum extract gasoline hydrocarbons from the soil. Groundwater remediation began in October, 1991. Groundwater was pumped from wells RS-1 and RS-2 and treated with the S.A.V.E.TM equipment. Active remediation was suspended in February, 1992 because Desert Petroleum filed bankruptcy.

2.0 GROUNDWATER MONITORING

2.1 Groundwater Monitoring Procedures

On January 31, 1994, four groundwater wells at the site were measured for depth to water and checked for the presence of free product (Table 1). The wells were measured to an accuracy of 0.01 feet and the measuring point for each well was the top of the sleeve of the well casing on the north side. After measuring, the wells were purged with a Rediflo pump and sampled. The pump and hoses were decontaminated between wells using a standard 3-bucket wash method with TSP. The wells were purged until dry or three well casing volumes had been removed. The purged water was monitored for temperature, conductivity and pH. These measurements along with all other pertinent data were recorded on Water Sample Logs (Appendix A).

After the wells had recharged a minimum of 80 percent, they were sampled using disposable bailers. The samples were sealed, labeled and placed on blue ice for transportation to Coast to Coast Analytical, a state certified laboratory. All samples were analyzed for TPH as gasoline using modified EPA method 8015M and for benzene, toluene, ethyl-benzene and xylenes (BTEX) using EPA method 8020. The laboratory reports are contained in Appendix B.

2.2 Groundwater Monitoring Results

As reported on Table 1, depth to groundwater on the site ranged from 5.42 to 8.17 feet below ground surface (bgs). **The original survey datum for each of the wells onsite has been changed due to damage from heavy equipment and/or wellhead piping modifications for connection to remediation equipment; therefore the groundwater flow direction on this site could not be determined.** Previous monitoring reported groundwater flow in a southwesterly direction. No floating product was found in any of the wells during this investigation.

same as last yr!

Analytical results for the samples collected during this sampling episode and all previous monitoring episodes are summarized in Table 2. The official laboratory results and Chain-of-Custody documents are included in Appendix B. As reported on Table 2, hydrocarbon concentrations have increased in all wells since the previous sampling episode in November, 1993.

3.0 REMEDIATION UPDATE

Vapor extraction and treatment began in June, 1991 with the installation of RSI's S.A.V.E.™ System. Groundwater extraction and treatment began in October, 1991. Due to noise complaints from neighboring residents, the system was operated only sporadically. Remedial operations were suspended on February 10, 1992, due to Desert Petroleum's filing bankruptcy. The calculated amount of contaminant removed by both vapor and groundwater extraction was 170.5 gallons of gasoline.

The S.A.V.E.™ System has not run since the February, 1992 shut down. Vapor extraction is tentatively scheduled to resume in February, 1994. Groundwater extraction will resume upon receipt of operating permits. The system will operate only during daytime hours to comply with residential noise constraints. Regular maintenance and monitoring of the S.A.V.E.™ system will occur on a weekly basis.

4.0 LIMITATIONS

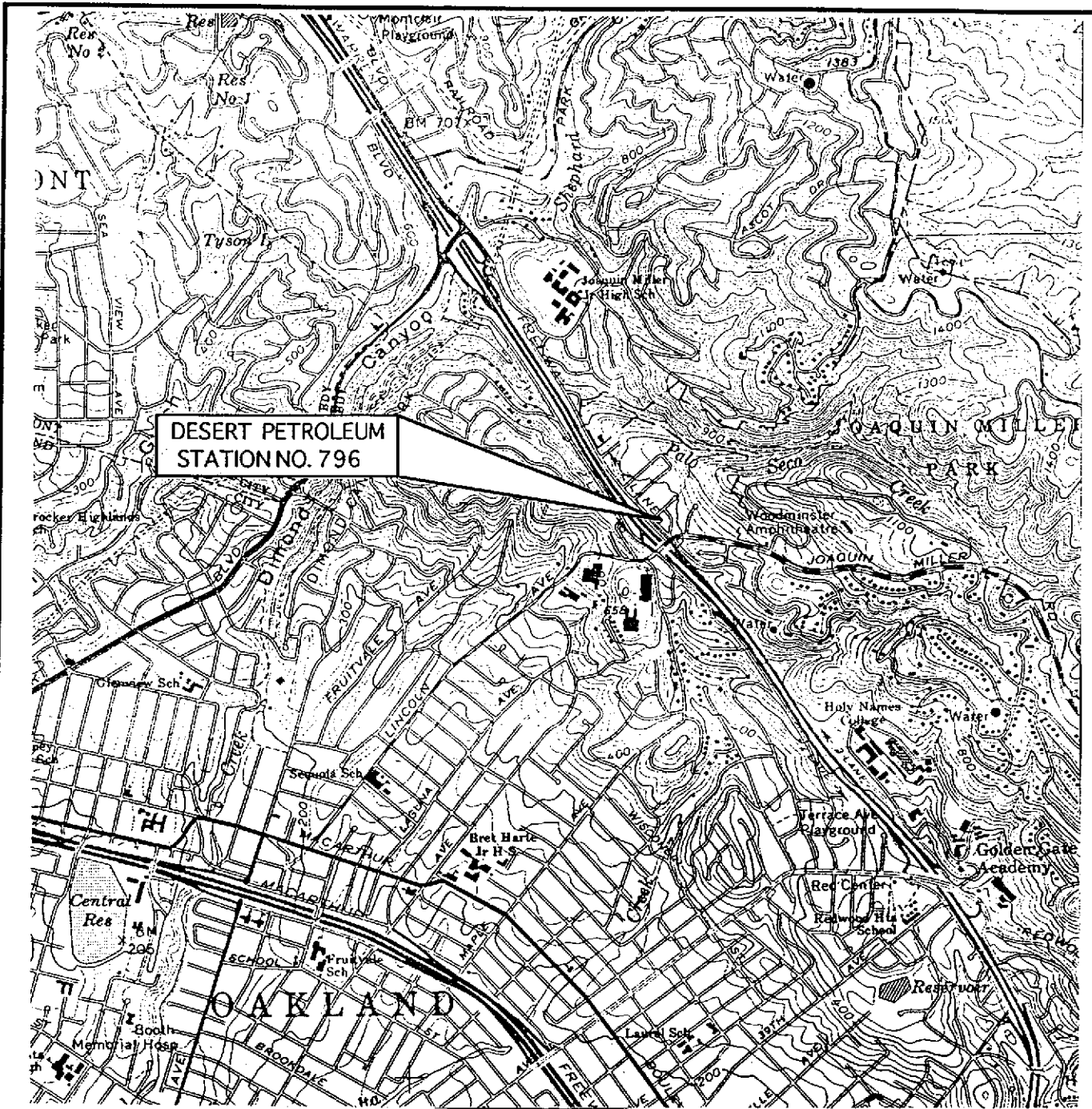
The discussion, conclusion and any recommendations presented in this report are based on the professional performance of the personnel who conducted the investigations, the observations of the field personnel, the results of laboratory analyses performed by a state certified laboratory, any referenced documents and our understanding of the regulations of the State of California; also, if applicable, other local regulations.

Variations in the soil and groundwater conditions may exist beyond the points explored in this investigation.

Monitoring Report
February 18, 1994

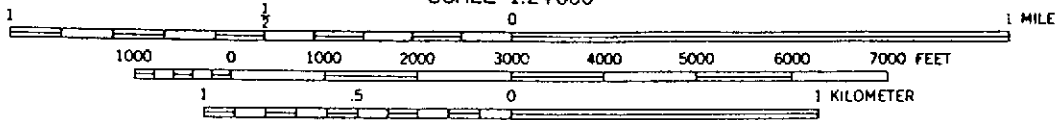
Desert Petroleum Station # 796
2844 Mountain Blvd.
Oakland, CA

The services performed by Remediation Service, Int'l have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the State of California. No other warranty, expressed or implied, is made.



**DESERT PETROLEUM
STATION NO. 796**

SCALE 1:24 000



FROM U.S.G.S. 7.5' TOPOGRAPHIC
QUADRANGLE "OAKLAND EAST,
CALIFORNIA," 1959, PHOTOREVISED
1980

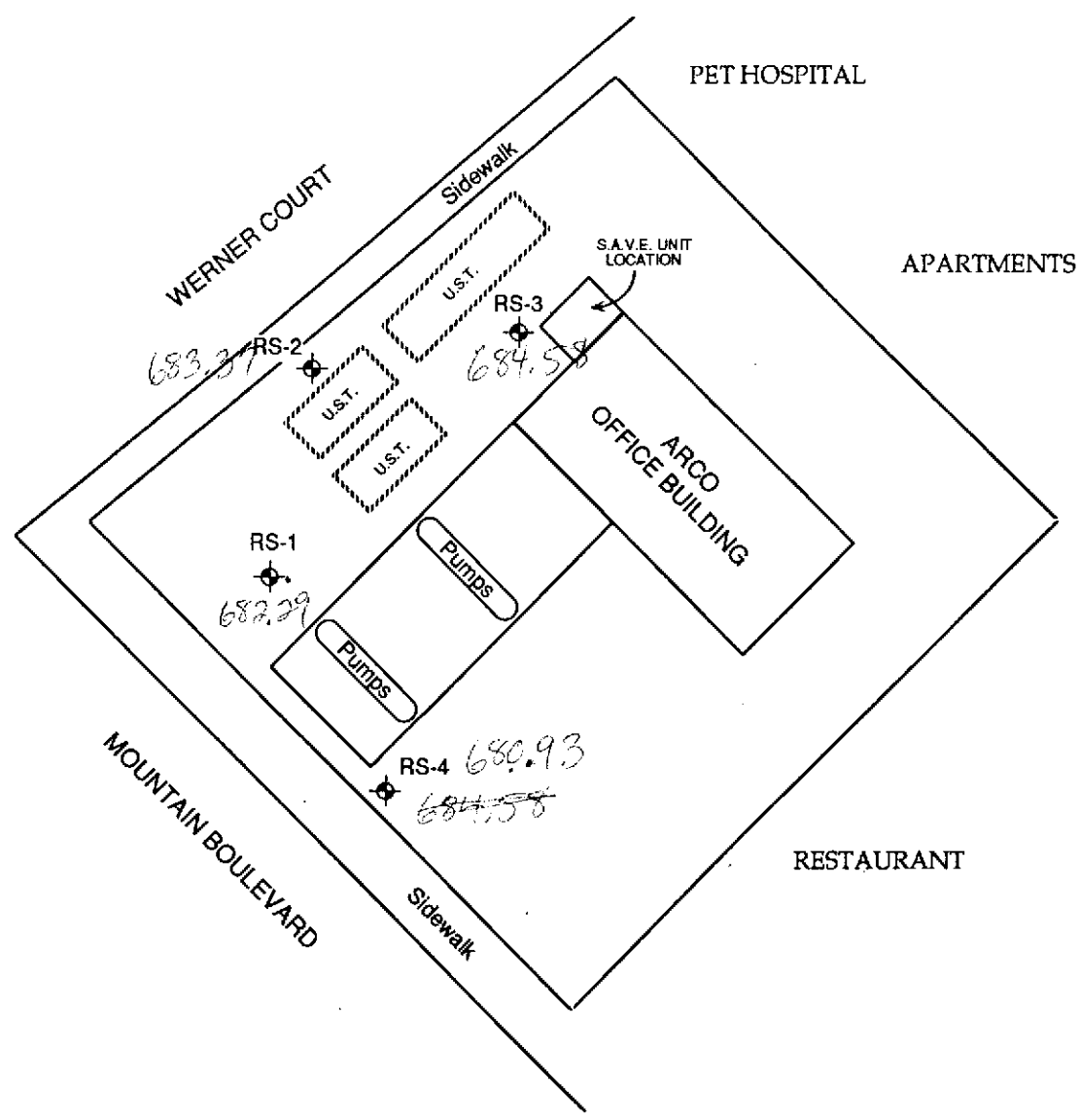
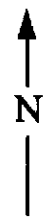


DESERT PETROLEUM, INC.

DESERT PETROLEUM STATION #796
2844 MOUNTAIN BLVD.
OAKLAND, CA

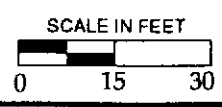
FIGURE 1: LOCATION MAP

RSI - REMEDIATION SERVICE, INT'L



gwe

◆ MONITORING WELL LOCATION



DESERT PETROLEUM, INC.
DESERT PETROLEUM STATION #796 2844 MOUNTAIN BLVD. OAKLAND, CALIFORNIA
FIGURE 2: SITE MAP
RSI REMEDIATION SERVICE, INT'L.

**TABLE 1
GROUNDWATER DATA**

**DESERT PETROLEUM STATION #796
2844 MOUNTAIN BLVD.
OAKLAND, CA**

Measurements are in feet.

Well	Date Measured	Depth to Water*	Well Head Elevation**	Water Table Elevation	Change in Elevation
RS-1	5/90	7.20	689.25	682.05	
	5/91	8.35	689.25	680.90	-1.15
	10/91	10.22	689.17	678.95	-1.95
	1/92	8.06	689.17	681.11	2.16
	1/93	5.30	689.17	683.87	2.76
	8/93	8.56	689.17	680.61	-3.26
	11/93	8.44	689.17	680.73	0.12
	1/94	6.88	689.17	682.29	1.56
RS-2	5/90	7.06	689.00	681.94	
	5/91	7.14	689.00	681.86	-0.08
	10/91	8.84	688.89	680.05	-1.81
	1/92	7.34	688.89	681.55	1.50
	1/93	4.10	688.89	684.79	3.24
	8/93	7.32	688.89	681.57	-3.22
	11/93	7.34	688.89	681.55	-0.02
	1/94	5.52	688.89	683.37	1.82
RS-3	5/90	6.00	690.00	684.00	
	5/91	6.76	690.00	683.24	-0.76
	10/91	8.98	690.00	681.02	-2.22
	1/92	6.81	690.00	683.19	2.17
	1/93	4.05	690.00	685.95	2.76
	8/93	7.19	690.00	682.81	-3.14
	11/93	7.12	690.00	682.88	0.07
	1/94	5.42	690.00	684.58	1.70
RS-4	5/90	8.34	689.06	680.72	
	5/91	9.50	689.06	679.56	-1.16
	10/91	10.82	689.10	678.28	-1.28
	1/92	9.31	689.10	679.79	1.51
	1/93	6.89	689.10	682.21	2.42
	8/93	9.68	689.10	679.42	-2.79
	11/93	9.83	689.10	679.27	-0.15
	1/94	8.17	689.10	680.93	1.66

*Depth of water measured from top of well cover.

**Elevation of RS-3 approximated from U.S.G.S Topographical Map. All other wells surveyed in relation to RS-3.

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

DESERT PETROLEUM STATION #796
2844 MOUNTAIN BLVD.
OAKLAND, CA

Results are in ug/L (parts per billion).

WELL #	DATE SAMPLED	TPH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
RS-1	5/90	2,700	370	420	40	320
	5/91	1,300	580	130	62	240
	10/91	1,100	140	100	45	210
	1/92	1,700	9.9	31	9.7	170
	1/93	3,700	650	9.2	51	170
	8/93	900	14	0.6	2.1	7.8
	11/93	1,400	9.6	ND	0.9	4.9
	1/94	4,200 ↑	95 ↑	3.1	58	130
RS-2	5/90	23,000	7,200	4,800	300	3,300
	5/91	26,000	14,000	1,800	750	2,900
	10/91	13,000	4,300	910	300	2,300
	1/92	8,300	1,800	920	140	1,700
	1/93	41,000	7,000	210	1,200	4,200
	8/93	19,000	5,300	62	810	1,600
	11/93	9,300	2,400	3.9	46	800
	1/94	30,000 ↑	4,900 ↑	ND	880	2,600
RS-3	5/90	330	2	1	1	150
	5/91	ND	0.4	ND	0.8	8.2
	10/91	ND	ND	ND	ND	ND
	1/92	ND	2.2	7.2	0.6	3.6
	1/93	ND	ND	ND	ND	ND
	8/93	ND	30	6	2.4	5
	11/93	ND	4.8	0.4	0.6	1.9
	1/94	330 ↑	25 ↑	3.2	3.9	12
RS-4	5/90	440	9	11	9	49
	5/91	ND	8	4	3	5
	10/91	830	280	120	24	170
	1/92	620	34	8.3	2.1	21
	1/93	150	32	1.7	5.8	13
	8/93	ND	0.9	0.7	ND	0.3
	11/93	ND	ND	ND	ND	ND
	1/94	ND	1.7 ↑	ND	0.81	2.2

TPH = Total petroleum hydrocarbons (gasoline)

ND = Not detected above minimum detection levels.

Minimum detection limits on 11/93 were: TPH = 500, Benzene = 0.3,
Toluene = 0.3, Ethylbenzene = 0.6, Total Xylenes = 0.6.

WATER SAMPLE LOG

CLIENT: Desert Petroleum

DATE: 1/31/94

PROJECT: DP 796

LOCATION: 2844 Mountain Blvd., Oakland, CA

WELL NUMBER: RS-1

WEATHER CONDITIONS: Sunny, windy, cool.

FIELD OBSERVATIONS: Water present in well box.

Well downhill from gas dispenser.

TOTAL DEPTH OF WELL: 31.5 feet CASING DIAMETER: 4 inches

DEPTH TO FREE PRODUCT: NONE ONE CASING VOLUME = 16.08 gallons

DEPTH TO WATER: 6.88 feet PURGING METHOD: Rediflo pump

DEPTHS MEASURED FROM: Top of casing, north side.

WELL PURGING DATA

Time	Discharge (gallons)	pH	Temp in °F	Specific Conductance (µmhos/cm)	Comments (Color, Odor, Turbidity)
2:44	7	7.2	67.2	NA	Clear, no HC odor, none
2:47	13	7.6	66.8	NA	Grey, HC odor, none
2:50	20	7.3	63.4	NA	Grey, HC odor, none
2:53	26	7.2	63.8	NA	Grey, HC odor, none
2:56	33	7.6	62.6	NA	Grey, HC odor, none
2:59	40	7.7	62.3	NA	Grey, HC odor, none
3:02	46	7.6	62.9	NA	Grey, HC odor, none
3:05	53	7.5	63.4	NA	Grey, HC odor, none
3:09	55	7.6	63.0	NA	Grey, HC odor, none

NA - due to suspected faulty conductance readings.

TOTAL DISCHARGE: 55 gallons CASING VOLUMES REMOVED: 3.4

TIME SAMPLE COLLECTED: 5:00 PM

DEPTH TO WATER AT TIME OF SAMPLE: 8.89 feet PERCENT RECHARGE: 92

METHOD OF SAMPLE COLLECTION: Disposable Bailer

APPEARANCE OF SAMPLE: Grey, foggy

AMOUNT AND SIZE OF SAMPLE CONTAINERS: 3 x 40 ml. VOA's

SAMPLE TRANSPORTED TO: Coast to Coast Analytical

SAMPLED BY: JJ

RSI - REMEDIATION SERVICE, INT'L

WATER SAMPLE LOG

CLIENT: Desert Petroleum

DATE: 1/31/94

PROJECT: DP 796

LOCATION: 2844 Mountain Blvd., Oakland, CA

WELL NUMBER: RS-2

WEATHER CONDITIONS: Sunny, windy, cool.

FIELD OBSERVATIONS: Well cover set uneven.

TOTAL DEPTH OF WELL: 25.54 feet CASING DIAMETER: 4 inches

DEPTH TO FREE PRODUCT: NONE ONE CASING VOLUME = 13.07 gallons

DEPTH TO WATER: 5.52 feet PURGING METHOD: Rediflo pump

DEPTHS MEASURED FROM: Top of casing, north side.

WELL PURGING DATA

Time	Discharge (gallons)	pH	Temp in °F	Specific Conductance (µmhos/cm)	Comments (Color, Odor, Turbidity)
1:48	7	7.7	66.2	NA	Clear, strong HC odor, none
1:51	14	7.9	65.8	NA	Grey, strong HC odor, none
1:54	20	7.6	63.4	NA	Grey, strong HC odor, none
1:57	27	7.8	66.2	NA	Grey, strong HC odor, none
2:00	35	7.4	65.3	NA	Grey, strong HC odor, none
2:02	39	7.8	65.7	NA	Grey, strong HC odor, none

NA - due to suspected faulty conductance readings.

TOTAL DISCHARGE: 39 gallons CASING VOLUMES REMOVED: 3.0

TIME SAMPLE COLLECTED: 5:16 PM

DEPTH TO WATER AT TIME OF SAMPLE: 15.88 feet PERCENT RECHARGE: 48

METHOD OF SAMPLE COLLECTION: Disposable Bailer

APPEARANCE OF SAMPLE: Grey, cloudy

AMOUNT AND SIZE OF SAMPLE CONTAINERS: 3 x 40 ml. VOA's

SAMPLE TRANSPORTED TO: Coast to Coast Analytical

SAMPLED BY: JJ

RSI - REMEDIATION SERVICE, INT'L

WATER SAMPLE LOG

CLIENT: Desert Petroleum

DATE: 1/31/94

PROJECT: DP 796

LOCATION: 2844 Mountain Blvd., Oakland, CA

WELL NUMBER: RS-3

WEATHER CONDITIONS: Sunny, windy, cool.

FIELD OBSERVATIONS: Water present in well box.

TOTAL DEPTH OF WELL: 24.4 feet CASING DIAMETER: 4 inches

DEPTH TO FREE PRODUCT: NONE ONE CASING VOLUME = 12.39 gallons

DEPTH TO WATER: 5.42 feet PURGING METHOD: Rediflo pump

DEPTHS MEASURED FROM: Top of casing, north side.

WELL PURGING DATA

Time	Discharge (gallons)	pH	Temp in °F	Specific Conductance (µmhos/cm)	Comments (Color, Odor, Turbidity)
12:56	2	8.4	66.2	NA	Clear, no HC odor, none
12:58	7	8.6	65.8	NA	Clear, no HC odor, none
1:00	12	8.7	65.6	NA	Clear, no HC odor, none
1:02	17	8.5	65.3	NA	Clear, no HC odor, none
1:04	22	8.4	65.4	NA	Clear, no HC odor, none
1:06	27	8.6	66.1	NA	Clear, no HC odor, none
1:08	32	8.5	65.7	NA	Clear, no HC odor, none
1:10	37	8.4	65.4	NA	Clear, no HC odor, none
1:11	39	8.7	65.6	NA	Clear, no HC odor, none

NA - due to suspected faulty conductance readings.

TOTAL DISCHARGE: 39 gallons CASING VOLUMES REMOVED: 3.1

TIME SAMPLE COLLECTED: 4:15 PM

DEPTH TO WATER AT TIME OF SAMPLE: 5.72 feet PERCENT RECHARGE: 98

METHOD OF SAMPLE COLLECTION: Disposable Bailor

APPEARANCE OF SAMPLE: Clear, no HC odor

AMOUNT AND SIZE OF SAMPLE CONTAINERS: 3 x 40 ml. VOA's

SAMPLE TRANSPORTED TO: Coast to Coast Analytical

SAMPLED BY: JJ

RSI - REMEDIATION SERVICE, INTL

WATER SAMPLE LOG

CLIENT: Desert Petroleum

DATE: 1/31/94

PROJECT: DP 796

LOCATION: 2844 Mountain Blvd., Oakland, CA

WELL NUMBER: RS-4

WEATHER CONDITIONS: Sunny, windy, cool.

FIELD OBSERVATIONS: Water present in well box.

TOTAL DEPTH OF WELL: 25.96 feet CASING DIAMETER: 4 inches

DEPTH TO FREE PRODUCT: NONE ONE CASING VOLUME = 11.62 gallons

DEPTH TO WATER: 8.17 feet PURGING METHOD: Rediflo pump

DEPTHS MEASURED FROM: Top of sleeve casing

WELL PURGING DATA					
Time	Discharge (gallons)	pH	Temp in °F	Specific Conductance (µmhos/cm)	Comments (Color, Odor, Turbidity)
3:36	4	7.2	62.3	NA	Brown, no HC odor, cloudy
3:39	8	7.1	63.0	NA	Brown, no HC odor, cloudy
3:42	13	6.8	62.8	NA	Brown, no HC odor, cloudy
3:45	17	7.1	62.2	NA	Brown, no HC odor, cloudy
3:48	21	7.3	62.5	NA	Brown, no HC odor, cloudy
3:51	25	7.2	59.6	NA	Brown, no HC odor, cloudy
3:54	29	6.9	59.9	NA	Brown, no HC odor, cloudy
3:58	35	7.0	61.2	NA	Brown, no HC odor, cloudy

NA - due to suspected faulty conductance readings.

TOTAL DISCHARGE: 35 gallons CASING VOLUMES REMOVED: 3.0

TIME SAMPLE COLLECTED: 5:36 PM

DEPTH TO WATER AT TIME OF SAMPLE: 18.24 feet PERCENT RECHARGE: 43

METHOD OF SAMPLE COLLECTION: Disposable Bailer

APPEARANCE OF SAMPLE: Brown, cloudy

AMOUNT AND SIZE OF SAMPLE CONTAINERS: 3 x 40 ml. VOA's

SAMPLE TRANSPORTED TO: Coast to Coast Analytical

SAMPLED BY: JJ

RSI - REMEDIATION SERVICE, INT'L

APPENDIX B
LABORATORY REPORTS
AND
CHAIN OF CUSTODY



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Rick Pilat
Remediation Service International
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JK-0357-1
Project : Desert Petroleum Stations
Analyzed : 02/11/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
RS-1, #796	Groundwater	John Jensen	01/31/94	02/02/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		2.	95.	
Toluene		2.	3.1	
Ethylbenzene		2.	58.	
Xylenes		2.	130.	
Total Petroleum Hydrocarbons (Gasoline)		200.	4200.	
Percent Surrogate Recovery			85.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

02/14/94
GC#2/211A307
DT/et/lmd
W-BTX-021194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

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COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Rick Pilat
Remediation Service International
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JK-0357-2
Project : Desert Petroleum Stations
Analyzed : 02/11/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

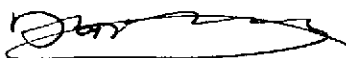
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
RS-2, #796	Groundwater	John Jensen	01/31/94	02/02/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		100.	4900.	
Toluene		100.	ND	
Ethylbenzene		100.	880.	
Xylenes		100.	2600.	
Total Petroleum Hydrocarbons (Gasoline)		10000.	30000.	
Percent Surrogate Recovery			100.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

02/14/94
GC#2/211A316
DT/et/lmd
W-BTX-021194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

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COAST-TO-COAST ANALYTICAL SERVICES, INC.

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NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Rick Pilat
Remediation Service International
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JK-0357-3
Project : Desert Petroleum Stations
Analyzed : 02/11/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

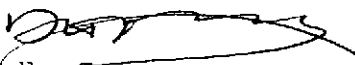
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
RS-3, #796	Groundwater	John Jensen	01/31/94	02/02/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				
Benzene		0.5	25.	1
Toluene		0.5	3.2	
Ethylbenzene		0.5	3.9	
Xylenes		0.5	12.	
Total Petroleum Hydrocarbons (Gasoline)		50.	330.	
Percent Surrogate Recovery			99.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

02/14/94
GC#4/211A605
DT/et/lmd
W-602-021194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

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Remediation Service International
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JK-0357-4
Project : Desert Petroleum Stations
Analyzed : 02/07/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
RS-4, #796	Groundwater	John Jensen	01/31/94	02/02/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	1.7	
Toluene		0.5	ND	
Ethylbenzene		0.5	0.81	
Xylenes		0.5	2.2	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			96.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

02/14/94
GC#2/207A321
DT/et/lmd
W-BTX-020794

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

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Chain of Custody

• PLEASE PRINT IN PEN

Client	Remediation Service, Int'l.		Contact	Rick Pilat		Phone #	(805) 644-5992		FAX #	(805) 654-0720		
Address	2060 Knoll Dr Suite 700			City	Ventura		State	CA		Zip	93003	
Project Name/Number	Desert Petroleum Station No. 796 / DP 796						Project MGR					
Bill (If different than above)	Address											
Sampler (Print and sign)	John Jensen			Due Date			Circle for RUSH*			Copies To:		

Sample Description	Date/Time Coll'd	*Matrix	# of Containers	Pres.	Flt. y/n	* Subject to Availability Analysis	Remarks	Lab ID #
RS-1	11/31/94 5:00	GW	3	HLN		8015g / 5070 BTEX	11/30/94	-1
RS-2	11/31/94 4:45	↓	3	↓		↓		-2
RS-3	11/31/94 4:15	↓	3	↓		↓		-3
RS-4	11/31/94 5:15	↓	3	↓		↓		-4

Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By
John Jensen	11/2/94 10:30	Raymond E. Dobb	Raymond E. Dobb	2/2/94 1100	

FOR LAB USE ONLY

Shipping Method	Shipping #	Received By	Date/Time	Condition (See Remarks)
World Courier		Neil P. King	02/01/94 1100	Cold <input checked="" type="checkbox"/> Sealed <input type="checkbox"/> Intact <input type="checkbox"/>
REMARKS				

- * Matrix:
- DW - Drinking Water
 - WW - Wastewater
 - GW - Groundwater
 - SW - Surface Water
 - IM - Impinger
 - FI - Filter
 - FP - Free Product
 - A/G - Air/Gas
 - SL - Sludge/Soil/Solid
 - OT - Other