

PACIFIC
ENVIRONMENTAL
GROUP, INC.

ENVIRONMENTAL
SECTION

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April 28, 1995
Project 305-085.2C

Mr. Dan Kirk
Shell Oil Company
P.O. Box 4023
Concord, California 94524

Re: Quarterly Report - First Quarter 1995
Shell Service Station
230 West MacArthur Boulevard at Piedmont Avenue, 94611
Oakland, California
WIC No 204-5508-0703

Dear Mr. Kirk:

The following presents the results of the first quarter 1995 monitoring program for the site referenced above. This letter has been prepared for Shell Oil Company by Pacific Environmental Group, Inc. (PACIFIC).

FINDINGS

Groundwater monitoring wells were gauged and sampled by Blaine Tech Services, Inc. (Blaine) at the direction of PACIFIC on March 13, 1995. Groundwater elevation contours for the sampling date are shown on Figure 1. Table 1 presents groundwater elevation data.

The samples from Wells MW-1, MW-4, and the duplicate sample from Well MW-4 were analyzed after the method specified holding time. Wells MW-1 through MW-3 were resampled on April 21, 1995. Groundwater analytical data are presented in Table 2. Total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene concentrations for the March and April 1995 sampling events are shown on Figure 2. The laboratory reported the positive result of TPH-g in Well MW-3 to have an atypical gasoline pattern. Blaine's groundwater sampling report, which includes field data and the certified analytical report, is presented as Attachment A.

April 28, 1995

Page 2

If you have any questions regarding the contents of this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.




Ross W.N. Tinline
Project Geologist
RG 5860



Attachments: Table 1 - Groundwater Elevation Data
Table 2 - Groundwater Analytical Data - Total Petroleum
Hydrocarbons (TPH as Gasoline and BTEX Compounds)
Figure 1 - Groundwater Elevation Contour Map
Figure 2 - TPH-g/Benzene Concentration Map
Attachment A - Groundwater Sampling Report

cc: Ms. Lisa McCann, Regional Water Quality Control Board - S.F. Bay Region
Mr. Craig Mayfield, Alameda County Flood Control and Water
Conservation District



**Table 1
Groundwater Elevation Data**

Shell Service Station
230 West MacArthur Boulevard at Piedmont Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-1	07/14/88	73.89	13.30	60.59
	10/04/88		13.65	60.24
	11/10/88		13.55	60.34
	12/09/88		13.22	60.67
	01/10/89		12.86	61.03
	01/20/89		12.91	60.98
	02/06/89		12.94	60.95
	03/10/89		12.59	61.30
	06/06/89		14.05	59.84
	09/07/89		14.92	58.97
	12/18/89		14.88	59.01
	03/08/90		14.08	59.81
	06/07/90		13.89	60.00
	09/05/90		14.83	59.06
	12/03/90		15.05	58.84
	03/01/91		14.34	59.55
	06/03/91		14.16	59.73
	09/04/91		14.60	59.29
	03/13/92		13.40	60.49
	06/03/92		13.76	60.13
08/19/92	14.57	59.32		
11/16/92	14.78	59.11		
02/18/93	12.14	61.75		
06/01/93	13.30	60.59		
08/30/93	14.32	59.57		
12/13/93	14.06	59.83		
03/03/94	13.12	60.77		
06/06/94	14.20	59.69		
09/12/94	15.72	58.17		
12/15/94	12.98	60.91		
03/13/95	11.74	62.15		
MW-2	07/14/88	75.24	15.18	60.06
	10/04/88		15.30	59.94
	11/10/88		15.17	60.07
	12/09/88		14.82	60.42
	01/20/89		14.54	60.70
	02/06/89		14.59	60.65
	03/10/89		14.88	60.36
	06/06/89		15.30	59.94
	09/07/89		16.76	58.48
	12/18/89		16.65	58.59
03/08/90	15.92	59.32		
06/07/90	16.10	59.14		
09/05/90	16.61	58.63		

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
230 West MacArthur Boulevard at Piedmont Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth To Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-2 (cont.)	12/03/90		17.06	58.18
	03/01/91		16.62	58.62
	06/03/91		16.65	58.59
	09/04/91		16.57	58.67
	03/13/92		14.66	60.58
	06/03/92		15.90	59.34
	08/19/92		16.72	58.52
	11/16/92		16.66	58.58
	02/18/93		13.88	61.36
	06/01/93		14.74	60.50
	08/30/93		15.85	59.39
	12/13/93		15.83	59.41
	03/03/94		14.80	60.44
	06/06/94		16.65	58.59
	09/12/94		16.72	58.52
	12/15/94		15.25	59.99
03/13/95		15.32	59.92	
MW-3	07/14/88	74.68	14.05	60.63
	10/04/88		14.60	60.08
	11/10/88		14.35	60.33
	12/09/88		14.04	60.64
	01/10/89		13.70	60.98
	01/20/89		13.72	60.96
	02/06/89		13.75	60.93
	03/10/89		13.42	61.26
	06/06/89		14.52	60.16
	09/07/89		15.52	59.16
	12/18/89		19.59	55.09
	03/08/90		14.72	59.96
	06/07/90		14.65	60.03
	09/05/90		15.51	59.17
	12/03/90		14.85	59.83
	03/01/91		14.92	59.76
	06/03/91		14.75	59.93
	09/04/91		15.14	59.54
	03/13/92		13.50	61.18
	06/03/92		14.39	60.29
08/19/92		15.08	59.60	
11/16/92		15.43	59.25	
02/18/93		12.96	61.72	
06/01/93		13.98	60.70	
08/30/93		14.82	59.86	
12/13/93		14.70	59.98	

Table 1 (continued)
Groundwater Elevation Data

Shell Service Station
230 West MacArthur Boulevard at Piedmont Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth To Water (feet, TOC)	Groundwater Elevation (feet, MSL)
MW-3 (cont.)	03/03/94		13.92	60.76
	06/06/94		14.73	59.95
	09/12/94		15.42	59.26
	12/15/94		13.80	60.88
	03/13/95		12.41	62.27
MW-4	01/23/90	73.83	14.68	59.15
	03/08/90		14.38	59.45
	06/07/90		14.27	59.56
	09/05/90		15.40	58.43
	12/03/90		15.90	57.93
	06/03/91		14.60	59.23
	09/04/91		15.25	58.58
	03/13/92		12.72	61.11
	06/03/92		14.33	59.50
	08/19/92		15.18	58.65
	11/16/92		15.39	58.44
	02/18/93		12.62	61.21
	06/01/93		13.68	60.15
	08/30/93		14.83	59.00
	12/13/93		14.50	59.33
03/03/94		13.48	60.35	
06/06/94		14.26	59.57	
09/12/94		15.42	58.41	
12/15/94		13.43	60.40	
03/13/95		12.13	61.70	
MSL = Mean sea level				
TOC = Top of casing				

Table 2
Groundwater Analytical Data
 Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

Shell Service Station
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
MW-1	07/14/88	ND	ND	ND	ND	ND
	10/04/88	ND	8	4.3	ND	9
	11/10/88	ND	ND	ND	ND	ND
	12/09/88	ND	ND	ND	ND	ND
	01/10/89	ND	ND	ND	ND	NA
	01/20/89	ND	ND	NA	NA	ND
	02/06/89	ND	ND	ND	ND	ND
	03/10/89	ND	ND	ND	ND	ND
	06/06/89	ND	ND	ND	ND	ND
	09/07/89	ND	ND	ND	ND	ND
	12/18/89	ND	ND	ND	ND	ND
	03/08/90	ND	ND	ND	ND	ND
	06/07/90	ND	ND	ND	ND	ND
	09/05/90	ND	ND	ND	ND	ND
	12/03/90	ND	ND	ND	ND	ND
	03/01/91	ND	ND	ND	ND	ND
	06/03/91	ND	ND	ND	ND	ND
	09/04/91	ND	ND	ND	ND	ND
	03/13/92	ND	ND	ND	ND	ND
	06/03/92	ND	ND	ND	ND	ND
	08/19/92	87	ND	ND	ND	ND
	11/16/92	ND	ND	ND	ND	ND
	02/18/93	59 ^a	ND	ND	ND	ND
	06/01/93	ND	ND	ND	ND	ND
	08/30/93	ND	ND	ND	ND	ND
	12/13/93	ND	ND	ND	ND	ND
	03/03/94	100	ND	ND	ND	ND
06/06/94	ND	ND	ND	ND	ND	
09/12/94	ND	ND	ND	ND	ND	
12/15/94	ND	ND	ND	ND	ND	
03/13/95 ^d	60	4.7	9.8	ND	2.9	
04/21/95	ND	ND	ND	ND	ND	
MW-2	07/14/88	ND	7.9	2.6	1.1	4
	10/04/88	90	ND	1.3	2.3	12
	11/10/88	ND	ND	ND	ND	2
	12/09/88	ND	ND	0.6	ND	3
	01/20/89	ND	ND	ND	ND	ND
	02/06/89	NA	ND	ND	ND	ND
	03/10/89	ND	ND	ND	ND	ND
	06/06/89	ND	ND	0.5	ND	ND
	09/07/89	ND	ND	ND	ND	ND

Table 2 (continued)
Groundwater Analytical Data
Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

Shell Service Station
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
MW-2	12/18/89	ND	ND	ND	ND	ND
(cont.)	03/08/90	ND	ND	ND	ND	ND
	06/07/90	ND	ND	ND	ND	ND
	09/05/90	ND	ND	ND	ND	ND
	12/03/90	ND	ND	ND	ND	ND
	03/01/91	ND	ND	ND	ND	ND
	06/03/91	ND	ND	ND	ND	ND
	09/04/91	ND	ND	ND	ND	ND
	03/13/92	ND	ND	ND	ND	ND
	06/03/92	ND	ND	ND	ND	ND
	08/19/92	67	ND	ND	ND	ND
	11/16/92	50	ND	ND	ND	1.2
	02/18/93	52 ^a	ND	ND	ND	ND
	02/18/93(D)	52 ^a	ND	ND	ND	ND
	06/01/93	ND	ND	ND	ND	ND
	08/30/93	70 ^a	ND	ND	ND	ND
	12/13/93	68 ^a	ND	ND	ND	ND
	03/03/94	280 ^a	ND	ND	ND	ND
	06/06/94	ND	ND	ND	ND	ND
	09/12/94	ND	ND	ND	ND	ND
	12/15/94	230 ^a	ND	ND	ND	ND
	03/13/95	ND	2.9	6.3	ND	2.7
	04/21/95	ND	ND	ND	ND	ND
MW-3	07/14/88	ND	ND	ND	ND	ND
	10/04/88	ND	ND	ND	ND	5
	11/10/88	ND	ND	ND	ND	ND
	12/09/88	ND	ND	ND	ND	ND
	01/10/89	ND	ND	ND	ND	NA
	01/20/89	NA	NA	ND	ND	ND
	02/06/89	70	ND	ND	ND	ND
	03/10/89	150	ND	ND	ND	ND
	06/06/89	ND	ND	ND	ND	ND
	09/07/89	ND	0.65	ND	ND	ND
	12/06/89	46	1.3	ND	0.44	0.66
	03/08/90	ND	ND	ND	ND	ND
	06/07/90	ND	ND	ND	ND	ND
	09/05/91	ND	ND	ND	ND	ND
	12/03/90	ND	ND	ND	ND	ND
	03/01/91	1.9	59	ND	22	ND
	06/03/91	ND	ND	ND	ND	ND
	09/04/91	ND	ND	ND	ND	ND
	03/13/92	ND	ND	ND	ND	ND

Table 2 (continued)
Groundwater Analytical Data
Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

Shell Service Station
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	
MW-3	06/03/92	ND	ND	ND	ND	ND	
(cont.)	08/19/92	92	ND	ND	ND	ND	
	08/19/92(D)	76	ND	ND	ND	ND	
	11/16/92	200 ^a	ND	ND	ND	ND	
	11/16/92(D)	140 ^a	ND	ND	ND	ND	
	02/18/93	680 ^a	ND	ND	ND	ND	
	06/01/93	160 ^a	ND	ND	ND	ND	
	06/01/93(D)	150 ^a	ND	ND	ND	ND	
	08/30/93	110 ^a	ND	ND	ND	ND	
	12/13/93	140 ^a	ND	ND	ND	ND	
	12/13/93(D)	110 ^a	ND	ND	ND	ND	
	03/03/94	61 ^a	ND	ND	ND	ND	
	06/06/94	ND	ND	ND	ND	ND	
	09/12/94	ND	ND	ND	ND	ND	
	12/15/94	ND	ND	0.9	ND	0.6	
	03/13/95	100 ^b	7.9	17	0.7	6.1	
	04/21/95	60	0.9	1.1	ND	1.0	
MW-4	01/23/90	1,600	100	10	30	20	
	03/08/90	4,200	260	18	88	39	
	06/07/90	2,000	150	6.9	14	17	
	09/05/90	1,700	130	10	7.2	19	
	12/03/90	2,600	108	41	17	59	
	06/03/91	2,800	160	15	8.8	32	
	09/04/91	----- Separate-Phase Hydrocarbon Sheen -----					
	03/13/92	2,700	180	70	5.9	29	
	06/03/92	1,700	190	ND	30	23	
	08/19/92	170	4.2	ND	0.6	1.0	
	11/16/92	2,600	92	49	50	81	
	02/18/93	7,400	120	38	51	87	
	06/01/93	7,000	1,800	1,700	1,600	1,700	
	08/30/93	2,100	80	11	ND	11	
	08/30/93(D)	2,100	77	5.6	ND	5.5	
	12/13/93	2,000 ^a	20	ND	21	52	
	03/03/94	3,500	150	86	85	90	
	03/03/94(D)	3,200	130	73	74	76	

Table 2 (continued)
Groundwater Analytical Data
Total Petroleum Hydrocarbons
 (TPH as Gasoline and BTEX Compounds)

Shell Service Station
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
	06/06/94	590	25	ND	ND	ND
	06/06/94(D)	400	16	ND	ND	ND
	09/12/94	1,800	42	ND	3.7	4.7
	09/12/94(D)	2,000	40	ND	5.7	8.0
	12/15/94	2,900	78	14	94	17
	12/15/94(D)	2,900	90	7	96	18
	03/13/95 ^c	2,700	240	24	99	34
	03/13/95(D) ^c	2,500	300	24	140	28

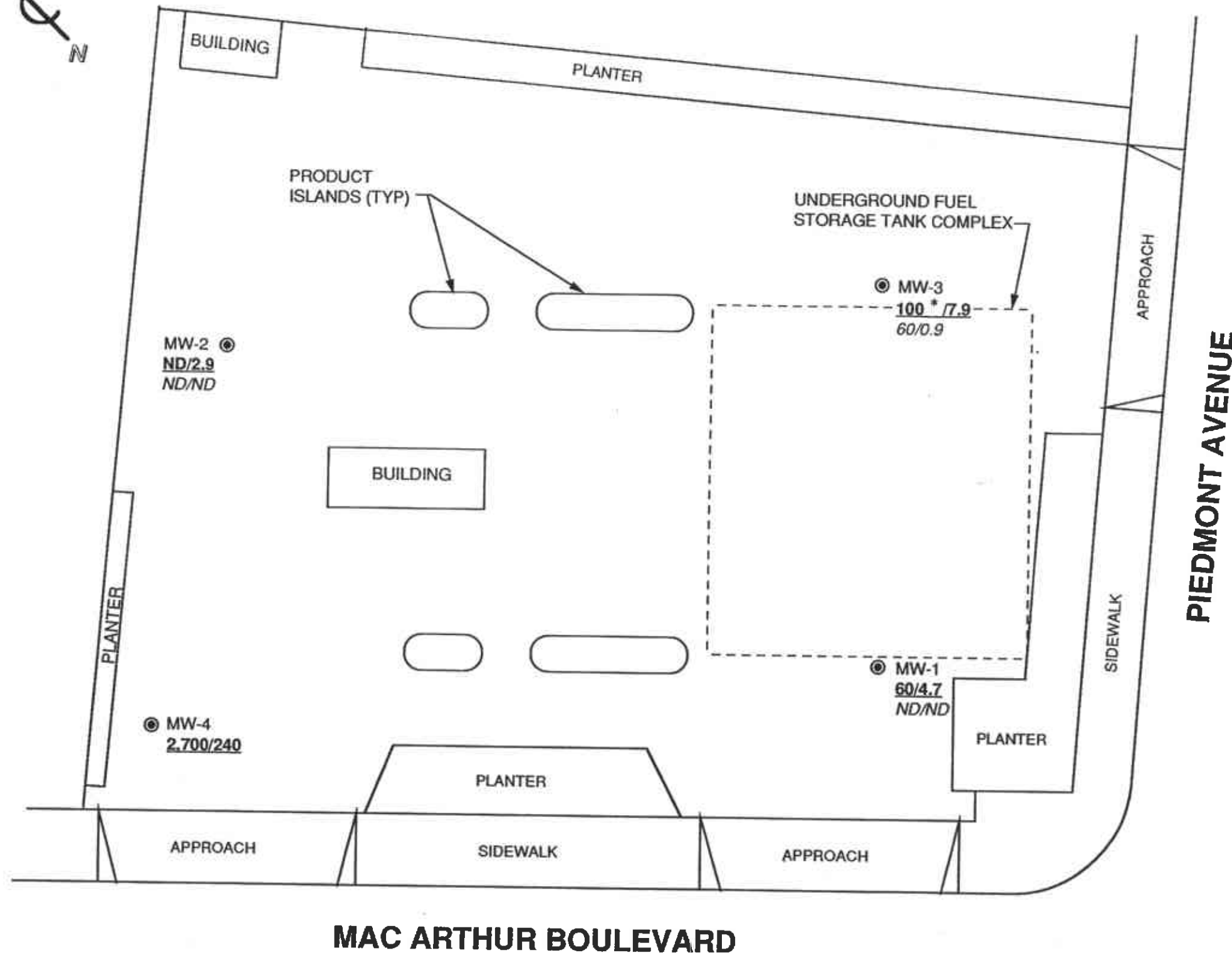
ppb = Parts per billion

ND = Not detected

NA = Not analyzed

(D) = Duplicate sample

- a. The concentration reported as gasoline is primarily due to the presence of a discrete hydrocarbon peak not indicative of gasoline.
 - b. The laboratory noted result to have an atypical gasoline pattern.
 - c. The laboratory noted sample was analyzed within hold time but further dilution was required and done out of hold time. The laboratory suggests these to be minimum concentrations.
 - d. The laboratory noted the sampled was analyzed after the method specified holding time.
- See certified analytical reports for detection limits.

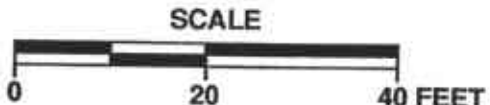


MW-2
 ND/2.9
 ND/ND

MW-3
100 * / 7.9
 60/0.9

MW-4
2.700/240

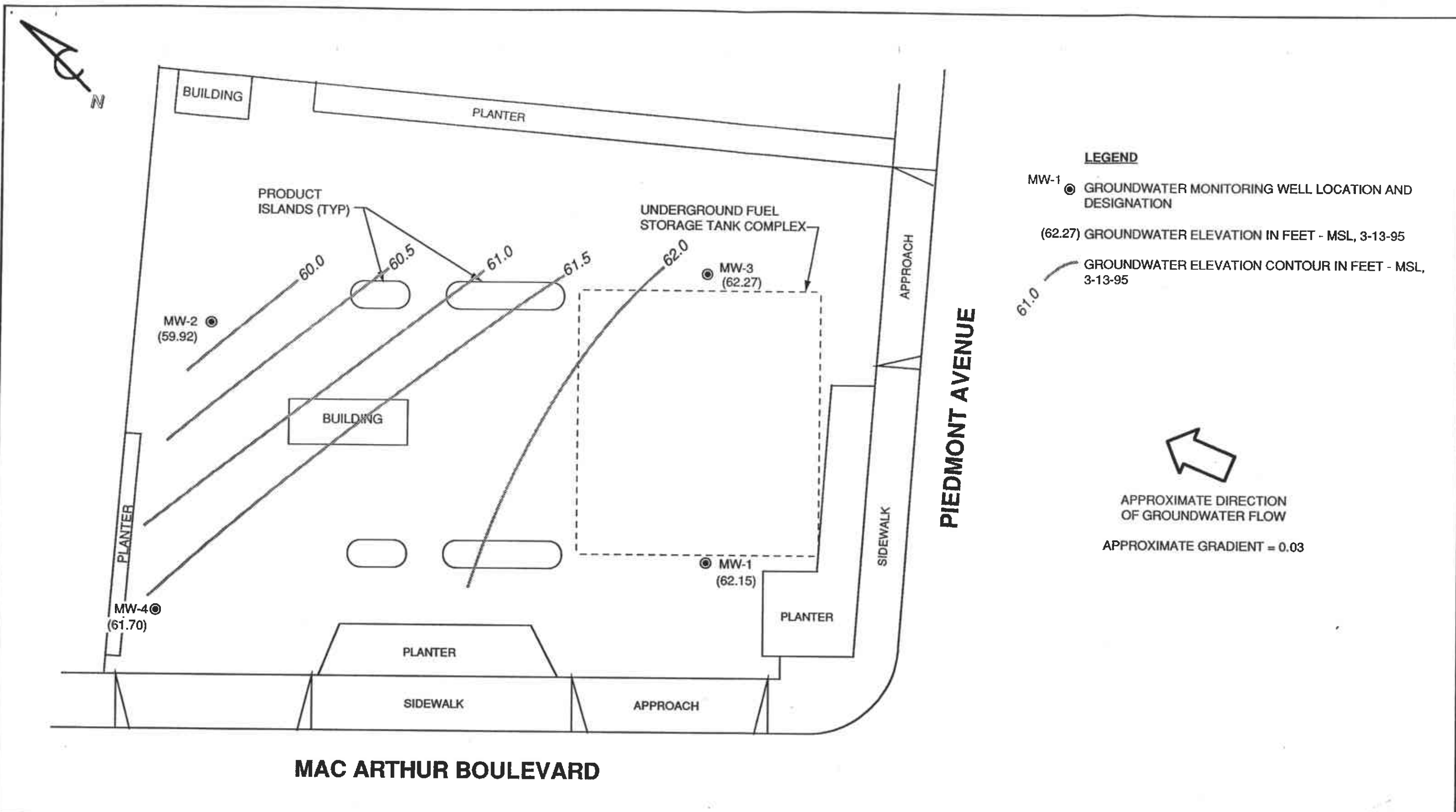
MW-1
60/4.7
 ND/ND



SHELL SERVICE STATION
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

TPH-g/BENZENE CONCENTRATION MAP

FIGURE:
2
 PROJECT:
 305-085.2B



LEGEND

- MW-1 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- (62.27) GROUNDWATER ELEVATION IN FEET - MSL, 3-13-95
- 61.0 — GROUNDWATER ELEVATION CONTOUR IN FEET - MSL, 3-13-95



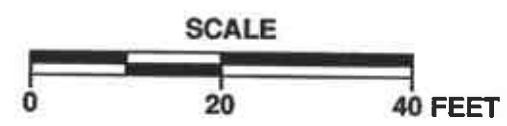
APPROXIMATE DIRECTION OF GROUNDWATER FLOW
 APPROXIMATE GRADIENT = 0.03

MAC ARTHUR BOULEVARD

PIEDMONT AVENUE



PACIFIC ENVIRONMENTAL GROUP, INC.



SHELL SERVICE STATION
 230 West MacArthur Boulevard at Piedmont Avenue
 Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP

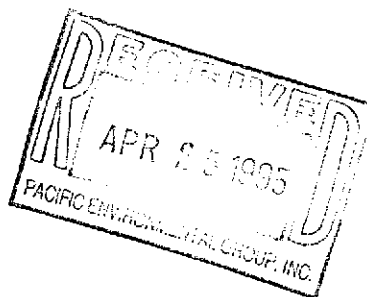
FIGURE:
1
 PROJECT:
 305-085.2C

ATTACHMENT A
GROUNDWATER SAMPLING REPORT

April 19, 1995

Shell Oil Company
P.O. Box 4023
Concord, CA 94524

Attn: Daniel T. Kirk



SITE:
Shell WIC #204-5508-0703
230 West MacArthur Blvd.
Oakland, California

QUARTER:
1st quarter of 1995

QUARTERLY GROUNDWATER SAMPLING REPORT 950313-J-2

This report contains data collected during routine inspection, gauging and sampling of groundwater monitoring wells performed by Blaine Tech Services, Inc. in response to the request of the consultant who is overseeing work at this site on behalf of our mutual client, Shell Oil Company. Data collected in the course of our field work is presented in a **TABLE OF WELL GAUGING DATA**. The field information was collected during our preliminary gauging and inspection of the wells, the subsequent evacuation of each well prior to sampling, and at the time of sampling.

Measurements taken include the total depth of the well and the depth to water. The surface of water was further inspected for the presence of immiscibles which may be present as a thin film (a sheen on the surface of the water) or as a measurable free product zone (FPZ). At intervals during the evacuation phase, the purge water was monitored with instruments that measure electrical conductivity (EC), potential hydrogen (pH), temperature (degrees Fahrenheit), and turbidity (NTU). In the interest of simplicity, fundamental information is tabulated here, while the bulk of the information is turned over directly to the consultant who is making professional interpretations and evaluations of the conditions at the site.

STANDARD PROCEDURES

Evacuation

Groundwater wells are thoroughly purged before sampling to insure that the sample is collected from water that has been newly drawn into the well from the surrounding geologic formation. The selection of equipment to evacuate each well is based on the physical characteristics of the well and what is known about the performance of the formation in which the well has been installed. There are several suitable devices which can be used for evacuation. The most commonly employed devices are air or gas actuated pumps, electric submersible pumps, and hand or mechanically actuated bailers. Our personnel frequently employ USGS/Middleburg positive displacement pumps or similar air actuated pumps which do not agitate the water standing in the well.

Normal evacuation removes three case volumes of water from the well. More than three case volumes of water are removed in cases where more evacuation is needed to achieve stabilization of water parameters and when requested by the local implementing agency. Less water may be removed in cases where the well dewateres and does not recharge to 80% of its original volume within two hours and any additional time our personnel have reason to remain at the site. In such cases, our personnel return to the site within twenty four hours and collect sample material from the water which has recharged into the well case.

Decontamination

All apparatus is brought to the site in clean and serviceable condition. The equipment is decontaminated after each use and before leaving the site. Effluent water from purging and on-site equipment cleaning is collected and transported to Shell's Martinez Manufacturing Complex in Martinez, California.

Free Product Skimmer

The column headed, VOLUME OF IMMISCIBLES REMOVED (ml) is included in the TABLE OF WELL GAUGING DATA to cover situations where a free product skimming device must be removed from the well prior to gauging. Skimmers are installed in wells with a free product zone on the surface of the water. The skimmer is a free product recovery device which often prevents normal well gauging and free product zone measurements. The 2.0" and 3.0" PetroTraps fall into the category of devices that obstruct normal gauging. In cases where the consultant elects to have our personnel pull the skimmers out of the well and gauge the well, our personnel perform the additional task of draining the accumulated free product out of the PetroTrap before putting it back in the well. This

recovered free product is measured and logged in the VOLUME OF IMMISCIBLES REMOVED column. Gauging at such sites is performed in accordance with specific directions from the professional consulting firm overseeing work at the site on Shell's behalf.

Sample Containers

Sample material is collected in specially prepared containers which are provided by the laboratory that performs the analyses.

Sampling

Sample material is collected in stainless steel bailer type devices normally fitted with both a top and a bottom check valve. Water is promptly decanted into new sample containers in a manner which reduces the loss of volatile constituents and follows the applicable EPA standard for handling volatile organic and semi-volatile compounds.

Following collection, samples are promptly placed in an ice chest containing prefrozen blocks of an inert ice substitute such as Blue Ice or Super Ice. The samples are maintained in either an ice chest or a refrigerator until delivered into the custody of the laboratory.

Sample Designations

All sample containers are identified with a site designation and a discrete sample identification number specific to that particular groundwater well. Additional standard notations (e.g. time, date, sampler) are also made on the label.

Chain of Custody

Samples are continuously maintained in an appropriate cooled container while in our custody and until delivered to the laboratory under a standard Shell Oil Company chain of custody. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date, and signature of the person releasing the samples followed by the time, date and signature of the person accepting custody of the samples).

Hazardous Materials Testing Laboratory

The samples obtained at this site were delivered to National Environmental Testing, Inc. in Santa Rosa, California. NET is a California Department of Health Services certified Hazardous Materials Testing Laboratory and is listed as DOHS HMTL #178.

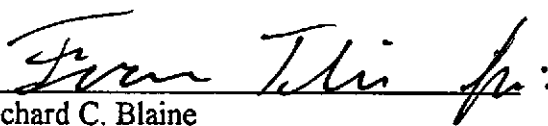
Objective Information Collection

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. performs no consulting and does not become involved in the marketing or installation of remedial systems of any kind. Blaine Tech Services, Inc. is concerned only with the generation of objective information, not with the use of that information to support evaluations and recommendations concerning the environmental condition of the site. Even the straightforward interpretation of objective analytical data is better performed by interested regulatory agencies, and those engineers and geologists who are engaged in the work of providing professional opinions about the site and proposals to perform additional investigation or design remedial systems.

Reportage

Submission of this report and the attached laboratory report to interested regulatory agencies is handled by the consultant in charge of the project. Any professional evaluations or recommendations will be made by the consultant under separate cover.

Please call if we can be of any further assistance.


Richard C. Blaine

RCB/lp

attachments: table of well gauging data
chain of custody
certified analytical report

cc: Pacific Environmental Group, Inc.
2025 Gateway Place, Suite #440
San Jose, CA 95110
ATTN: Rhonda Barrick

TABLE OF WELL GAUGING DATA

WELL I.D.	DATA COLLECTION DATE	MEASUREMENT REFERENCED TO	QUALITATIVE OBSERVATIONS (sheen)	DEPTH TO FIRST IMMISCIBLES LIQUID (FPZ) (feet)	THICKNESS OF IMMISCIBLES LIQUID ZONE (feet)	VOLUME OF IMMISCIBLES REMOVED (ml)	DEPTH TO WATER (feet)	DEPTH TO WELL BOTTOM (feet)
MW-1	3/13/95	TOC	--	NONE	--	--	11.74	29.42
MW-2	3/13/95	TOC	--	NONE	--	--	15.32	27.69
MW-3	3/13/95	TOC	--	NONE	--	--	12.41	28.13
MW-4 *	3/13/95	TOC	--	NONE	--	--	12.13	24.04

* Sample DUP was a duplicate sample taken from well MW-4.



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 950313J

Date: 3/13/95

Page 1 of 1

Site Address: 230 West MacArthur Blvd., Oakland

WIC#: 204-5508-0703

Shell Engineer: Dan Kirk
Phone No.: (510) 675-6168
Fax #: 675-6160

Consultant Name & Address:
Blaine Tech Services, Inc.
985 Timothy Drive San Jose, CA 95133

Consultant Contact: Jim Keller
Phone No.: (408) 995-5535
Fax #: 293-8773

Comments:

Sampled by:
Printed Name: JEAN GATINEAU

Analysis Required

TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N
-------------------------	----------------------------	---------------------	------------------------------	-------------------	----------------------------------	----------	----------------	------------------	---------------

LAB: NET

CHECK ONE (1) BOX ONLY	CF/DI	TURN AROUND TIME
Quantity Monitoring <input checked="" type="checkbox"/>	6441	24 hours <input type="checkbox"/>
Site Investigation <input type="checkbox"/>	6441	48 hours <input type="checkbox"/>
Soil Clarity/Disposal <input type="checkbox"/>	6442	16 days <input checked="" type="checkbox"/> (Normal)
Water Clarity/Disposal <input type="checkbox"/>	6443	Other <input type="checkbox"/>
Soil/Air Rem. or Sys. O & M <input type="checkbox"/>	6462	
Water Rem. or Sys. O & M <input type="checkbox"/>	6463	
Other <input type="checkbox"/>		

NOTE: Holky Lab as soon as possible of 24/48 hrs. 1AT.

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS	
<u>MW-3</u>	<u>3/13</u>			<input checked="" type="checkbox"/>		<u>3</u>						<input checked="" type="checkbox"/>							
<u>EIB,</u>																			
<u>MW-1</u>																			
<u>MW-2</u>																			
<u>MW-4</u>																			
<u>DUP</u>																			
<u>T.B.</u>						<u>2</u>													

(3/14/95)
JEAN GATINEAU

Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>JEAN GATINEAU</u>	Date: <u>3/14</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>[Signature]</u>	Date: <u>3/14</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>ET LUMBRE</u>	Date: <u>3/14</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>[Signature]</u>	Date: <u>10:2</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>[Signature]</u>	Date: <u>[Signature]</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>PAM GREENE</u>	Date: <u>3/15/95</u>

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

VIA: NCS



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Jim Keller
Blaine Tech Services
985 Timothy Dr.
San Jose, CA 95133

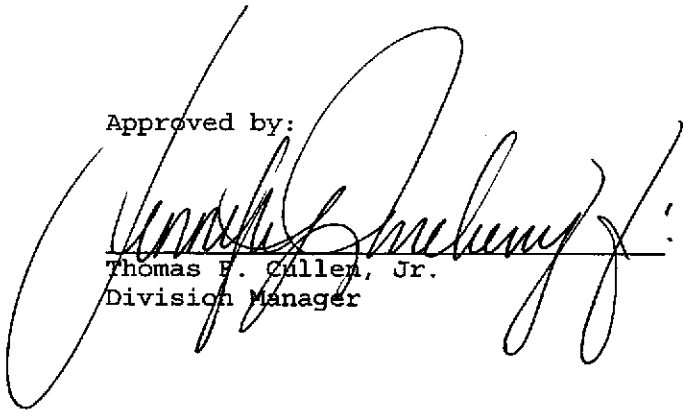
Date: 04/10/1995
NET Client Acct. No: 1821
NET Pacific Job No: 95.01185
Received: 03/15/1995

Client Reference Information


Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:



Thomas F. Cullen, Jr.
Division Manager



Linda DeMartino
Project Coordinator

Enclosure(s)





Client Name: Blaine Tech Services

Date: 04/10/1995

Client Acct: 1821

ELAP Cert: 1386

NET Job No: 95.01185

Page: 2

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: MW-3

Date Taken: 03/13/1995

Time Taken:

NET Sample No: 238172

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTEX, Liquid)								
METHOD 5030/M8015	--						03/27/1995	2693
DILUTION FACTOR*	1						03/27/1995	2693
as Gasoline	100	G-	50	ug/L	5030		03/27/1995	2693
Carbon Range:	C6-C8						03/27/1995	2693
METHOD 8020 (GC, Liquid)	--						03/27/1995	2693
Benzene	7.9		0.5	ug/L	8020		03/27/1995	2693
Toluene	17		0.5	ug/L	8020		03/27/1995	2693
Ethylbenzene	0.7		0.5	ug/L	8020		03/27/1995	2693
Xylenes (Total)	6.1		0.5	ug/L	8020		03/27/1995	2693
SURROGATE RESULTS	--						03/27/1995	2693
Bromofluorobenzene (SURR)	98			% Rec.	5030		03/27/1995	2693

G- : The positive result has an atypical pattern for Gasoline analysis.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 3

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: E.B.

Date Taken: 03/13/1995

Time Taken:

NET Sample No: 238173

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed	Run Batch No.
TPH (Gas/BTEX, Liquid)								
METHOD 5030/M8015	--						03/27/1995	2693
DILUTION FACTOR*	1						03/27/1995	2693
as Gasoline	ND		50	ug/L	5030		03/27/1995	2693
Carbon Range:	--						03/27/1995	2693
METHOD 8020 (GC, Liquid)	--						03/27/1995	2693
Benzene	ND		0.5	ug/L	8020		03/27/1995	2693
Toluene	ND		0.5	ug/L	8020		03/27/1995	2693
Ethylbenzene	ND		0.5	ug/L	8020		03/27/1995	2693
Xylenes (Total)	ND		0.5	ug/L	8020		03/27/1995	2693
SURROGATE RESULTS	--						03/27/1995	2693
Bromofluorobenzene (SURR)	94			% Rec.	5030		03/27/1995	2693

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Elaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 4

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: MW-1

Date Taken: 03/13/1995

Time Taken:

NET Sample No: 238174

Parameter	Results	Flags	Reporting			Date Extracted	Date Analyzed	Run Batch No.
			Limit	Units	Method			
TPH (Gas/BTXE, Liquid)	*							
METHOD 5030/M8015	--						03/28/1995	2709
DILUTION FACTOR*	1						03/28/1995	2709
as Gasoline	60		50	ug/L	5030		03/28/1995	2709
Carbon Range:	C5-C12						03/28/1995	2709
METHOD 8020 (GC, Liquid)	--						03/28/1995	2709
Benzene	4.7		0.5	ug/L	8020		03/28/1995	2709
Toluene	9.8		0.5	ug/L	8020		03/28/1995	2709
Ethylbenzene	ND		0.5	ug/L	8020		03/28/1995	2709
Xylenes (Total)	2.9		0.5	ug/L	8020		03/28/1995	2709
SURROGATE RESULTS	--						03/28/1995	2709
Bromofluorobenzene (SURR)	96			% Rec.	5030		03/28/1995	2709

* : Sample was analyzed after the method specified holding time.
This data should be considered a minimum concentration.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 5

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: MW-2

Date Taken: 03/13/1995

Time Taken:

NET Sample No: 238175

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
TPH (Gas/BTXE, Liquid)								
METHOD 5030/M8015	--						03/27/1995	2693
DILUTION FACTOR*	1						03/27/1995	2693
as Gasoline	ND		50	ug/L	5030		03/27/1995	2693
Carbon Range:	--						03/27/1995	2693
METHOD 8020 (GC, Liquid)	--						03/27/1995	2693
Benzene	2.9	C	0.5	ug/L	8020		03/27/1995	2693
Toluene	6.3	C	0.5	ug/L	8020		03/27/1995	2693
Ethylbenzene	ND		0.5	ug/L	8020		03/27/1995	2693
Xylenes (Total)	2.7	C	0.5	ug/L	8020		03/27/1995	2693
SURROGATE RESULTS	--						03/27/1995	2693
Bromofluorobenzene (SURR)	109			% Rec.	5030		03/27/1995	2693

C : Positive result confirmed by secondary column or GC/MS analysis.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.01185

Date: 04/10/1995
 ELAP Cert: 1386
 Page: 6

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: MW-4
 Date Taken: 03/13/1995
 Time Taken:
 NET Sample No: 238176

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTXE,Liquid)	*							
METHOD 5030/M8015	--						03/27/1995	2709
DILUTION FACTOR*	1						03/27/1995	2709
as Gasoline	2,700		50	ug/L	5030		03/27/1995	2709
Carbon Range:	C5-C12						03/27/1995	2709
METHOD 8020 (GC,Liquid)	--						03/27/1995	2709
Benzene	240	FC	0.5	ug/L	8020		03/28/1995	2709
Toluene	24		0.5	ug/L	8020		03/27/1995	2709
Ethylbenzene	99	FC	0.5	ug/L	8020		03/28/1995	2709
Xylenes (Total)	34		0.5	ug/L	8020		03/27/1995	2709
SURROGATE RESULTS	--						03/28/1995	2709
Bromofluorobenzene (SURR)	122			% Rec.	5030		03/28/1995	2709

* : Sample was originally analyzed within the method specified holding time.
 Further dilutions were required and analyzed after the holding time had expired.
 This data should be considered a minimum concentration.

FC : Compound quantitated at a 10X dilution factor.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.01185

Date: 04/10/1995
 ELAP Cert: 1386
 Page: 7

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: DUP
 Date Taken: 03/13/1995
 Time Taken:
 NET Sample No: 238177

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTEX, Liquid)	*							
METHOD 5030/M8015	--						03/27/1995	2709
DILUTION FACTOR*	1						03/27/1995	2709
as Gasoline	2,500		50	ug/L	5030		03/27/1995	2709
Carbon Range:	C5-C12						03/27/1995	2709
METHOD 8020 (GC, Liquid)	--						03/27/1995	2709
Benzene	300	FD	0.5	ug/L	8020		03/28/1995	2709
Toluene	24		0.5	ug/L	8020		03/27/1995	2709
Ethylbenzene	140	FD	0.5	ug/L	8020		03/28/1995	2709
Xylenes (Total)	28		0.5	ug/L	8020		03/27/1995	2709
SURROGATE RESULTS	--						03/28/1995	2709
Bromofluorobenzene (SURR)	108			% Rec.	5030		03/28/1995	2709

* : Sample was originally analyzed within the method specified holding time.
 Further dilutions were required and analyzed after the holding time had expired.
 This data should be considered a minimum concentration.

FD : Compound quantitated at a 20X dilution factor.

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services

Date: 04/10/1995

Client Acct: 1821

ELAP Cert: 1386

NET Job No: 95.01185

Page: 8

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

SAMPLE DESCRIPTION: T.B.

Date Taken: 03/13/1995

Time Taken:

NET Sample No: 238178

Parameter	Results	Flags	Reporting			Date	Date	Run
			Limit	Units	Method	Extracted	Analyzed	Batch No.
TPH (Gas/BTXE, Liquid)								
METHOD 5030/M8015	--						03/27/1995	2693
DILUTION FACTOR*	1						03/27/1995	2693
as Gasoline	ND		50	ug/L	5030		03/27/1995	2693
Carbon Range:	--						03/27/1995	2693
METHOD 8020 (GC, Liquid)	--						03/27/1995	2693
Benzene	ND		0.5	ug/L	8020		03/27/1995	2693
Toluene	ND		0.5	ug/L	8020		03/27/1995	2693
Ethylbenzene	ND		0.5	ug/L	8020		03/27/1995	2693
Xylenes (Total)	ND		0.5	ug/L	8020		03/27/1995	2693
SURROGATE RESULTS	--						03/27/1995	2693
Bromofluorobenzene (SURR)	102			% Rec.	5030		03/27/1995	2693

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 9

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
TPH (Gas/BTXE,Liquid)							
as Gasoline	90.0	0.90	1.00	mg/L	03/27/1995	caf	2693
Benzene	106.8	5.34	5.00	ug/L	03/27/1995	caf	2693
Toluene	105.8	5.29	5.00	ug/L	03/27/1995	caf	2693
Ethylbenzene	97.2	4.86	5.00	ug/L	03/27/1995	caf	2693
Xylenes (Total)	99.3	14.9	15.0	ug/L	03/27/1995	caf	2693
Bromofluorobenzene (SURR)	101.0	101	100	% Rec.	03/27/1995	caf	2693
TPH (Gas/BTXE,Liquid)							
as Gasoline	88.0	0.88	1.00	mg/L	03/28/1995	lss	2709
Benzene	110.0	5.50	5.00	ug/L	03/28/1995	lss	2709
Toluene	110.8	5.54	5.00	ug/L	03/28/1995	lss	2709
Ethylbenzene	99.6	4.98	5.00	ug/L	03/28/1995	lss	2709
Xylenes (Total)	101.3	15.2	15.0	ug/L	03/28/1995	lss	2709
Bromofluorobenzene (SURR)	105.0	105	100	% Rec.	03/28/1995	lss	2709

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 10

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

METHOD BLANK REPORT

Parameter	Method			Date Analyzed	Analyst Initials	Run Batch Number
	Blank	Reporting	Units			
Amount Found	Limit					
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	03/27/1995	caf	2693
Benzene	ND	0.5	ug/L	03/27/1995	caf	2693
Toluene	ND	0.5	ug/L	03/27/1995	caf	2693
Ethylbenzene	ND	0.5	ug/L	03/27/1995	caf	2693
Xylenes (Total)	ND	0.5	ug/L	03/27/1995	caf	2693
Bromofluorobenzene (SURR)	100		% Rec.	03/27/1995	caf	2693
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	03/28/1995	lss	2709
Benzene	ND	0.5	ug/L	03/28/1995	lss	2709
Toluene	ND	0.5	ug/L	03/28/1995	lss	2709
Ethylbenzene	ND	0.5	ug/L	03/28/1995	lss	2709
Xylenes (Total)	ND	0.5	ug/L	03/28/1995	lss	2709
Bromofluorobenzene (SURR)	96		% Rec.	03/28/1995	lss	2709

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01185

Date: 04/10/1995
ELAP Cert: 1386
Page: 11

Ref: Shell 230 MacArthur Blvd., Oakland, CA/950313-J2

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike		Units	Date Analyzed	Run Batch	Sample Spiked
	Spike % Rec.	Dup % Rec.	RPD	Spike Amount		Spike Conc.	Dup. Conc.				
TPH (Gas/BTXE,Liquid)											238173
as Gasoline	89.0	89.0	0.0	1.00	ND	.89	.89	mg/L	03/27/1995	2693	238173
Benzene	95.2	100.5	5.3	41.6	ND	39.6	41.8	ug/L	03/27/1995	2693	238173
Toluene	96.4	101.2	4.8	65.8	ND	63.4	66.6	ug/L	03/27/1995	2693	238173
TPH (Gas/BTXE,Liquid)											238174
as Gasoline	95.0	103.0	8.0	1.00	0.06	1.01	1.09	mg/L	03/28/1995	2709	238174
Benzene	98.4	103.1	4.6	44.5	4.7	48.5	50.6	ug/L	03/28/1995	2709	238174
Toluene	101.2	102.8	1.6	68.5	9.8	79.1	80.2	ug/L	03/28/1995	2709	238174

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [(Value 1 - Value 2)]/mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

COOLER RECEIPT FORM

Project: 950313-52 Log No: 6002
Cooler received on: 3-16-95 and checked on 3-16-95 by [Signature]
(signature)

- Were custody papers present?..... YES NO
 - Were custody papers properly filled out?..... YES NO
 - Were the custody papers signed?..... YES NO
 - Was sufficient ice used?..... YES NO TEMP.: 0.40c
 - Did all bottles arrive in good condition (unbroken)?..... YES NO
 - Did bottle labels match COC?..... YES NO
 - Were proper bottles used for analysis indicated?..... YES NO
 - Correct preservatives used?..... YES NO
 - VOA vials checked for headspace bubbles?..... YES NO
- Note which voas (if any) had bubbles:*

Sample descriptor:
T.O.

Number of vials:
2 - SMALL BUBBLES

*All VOAs with headspace bubbles have been set aside so they will not be used for analysis..... YES NO

List here all other jobs received in the same cooler:

Client Job #	NET log #
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

(coolerrec)



SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD

Serial No: 950421-G1

#0481
 Date: 4/21/95
 Page: 1 of 1

Site Address: 230 West MacArthur Blvd., Oakland

WIC#: 204-5508-0703

Shell Engineer: Dan Kirk
 Phone No.: (510) 675-6168
 Fax #: 675-6160

Consultant Name & Address:
Blaine Tech Services, Inc.
985 Timothy Drive San Jose, CA 95133

Consultant Contact: Jim Keller
 Phone No.: (408) 995-5535
 Fax #: 293-8773

Comments: SEE LINDA ABOUT 24 HR. TAT.

Sampled by: GRANT MOHR

Printed Name: [Signature]

Analysis Required

LAB: NET

Sample ID	Date	Sludge	Soil	Water	Air	No. of conds.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020	Asbestos	Container Size	Preparation Used	Composite Y/N	CHECK ONE (1) BOX ONLY	CT/DI	TURN AROUND TIME	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
MW-1	4/21			X		3						X									
MW-2	4/21			X		3						X									
MW-3	4/21			X		3						X									

Quantity Monitoring	<input checked="" type="checkbox"/>	8441	24 hours	<input checked="" type="checkbox"/>
Site Investigation	<input type="checkbox"/>	8441	48 hours	<input type="checkbox"/>
Soil Classfy/Disposal	<input type="checkbox"/>	8442	15 days	<input checked="" type="checkbox"/> (Normal)
Water Classfy/Disposal	<input type="checkbox"/>	8443	Other	<input type="checkbox"/>
Soil/Air Rem. or Syst. O & M	<input type="checkbox"/>	8462	NOTE: Notify Lab as soon as possible of 24/48 hrs. TAT.	
Water Rem. or Syst. O & M	<input type="checkbox"/>	8463		
Other	<input type="checkbox"/>			

Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>GRANT MOHR</u>	Date: <u>4-21</u> Time: <u>4:25</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>[Signature]</u>	Date: <u>4/21/95</u> Time: <u>4:25</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>[Signature]</u>	Date: <u>4/21</u> Time: <u>10:30</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>M Downing</u>	Date: <u>4/21/95</u> Time: <u>10:30 AM</u>
Relinquished By (signature): <u>[Signature]</u>	Printed Name: <u>M Downing</u>	Date: <u>4/21/95</u> Time: <u>11:15</u>	Received (signature): <u>[Signature]</u>	Printed Name: <u>PAM GREENE</u>	Date: <u>4-21-95</u> Time: <u>11:15</u>

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN OF CUSTODY WITH INVOICE AND RESULTS



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Santa Rosa Division
3636 North Laughlin Road
Suite 110
Santa Rosa, CA 95403-8226
Tel: (707) 526-7200
Fax: (707) 541-2333

Jim Keller
Blaine Tech Services
985 Timothy Dr.
San Jose, CA 95133

Date: 04/22/1995
NET Client Acct. No: 1821
NET Pacific Job No: 95.01642
Received: 04/21/1995

Client Reference Information

Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:


Thomas F. Cullen, Jr.
Division Manager


Linda DeMartino
Project Coordinator

Enclosure(s)





Client Name: Blaine Tech Services

Date: 04/22/1995

Client Acct: 1821

ELAP Cert: 1386

NET Job No: 95.01642

Page: 2

Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

SAMPLE DESCRIPTION: MW-1

Date Taken: 04/21/1995

Time Taken:

NET Sample No: 240547

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTXE,Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	ND		50	ug/L	5030		04/21/1995	2768
Carbon Range:	--						04/21/1995	2768
METHOD 8020 (GC,Liquid)	--						04/21/1995	2768
Benzene	ND		0.5	ug/L	8020		04/21/1995	2768
Toluene	ND		0.5	ug/L	8020		04/21/1995	2768
Ethylbenzene	ND		0.5	ug/L	8020		04/21/1995	2768
Xylenes (Total)	ND		0.5	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	99			% Rec.	5030		04/21/1995	2768

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01642

Date: 04/22/1995
ELAP Cert: 1386
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Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

SAMPLE DESCRIPTION: MW-2
Date Taken: 04/21/1995
Time Taken:
NET Sample No: 240548

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTEX, Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	ND		50	ug/L	5030		04/21/1995	2768
Carbon Range:	--						04/21/1995	2768
METHOD 8020 (GC, Liquid)	--						04/21/1995	2768
Benzene	ND		0.5	ug/L	8020		04/21/1995	2768
Toluene	ND		0.5	ug/L	8020		04/21/1995	2768
Ethylbenzene	ND		0.5	ug/L	8020		04/21/1995	2768
Xylenes (Total)	ND		0.5	ug/L	8020		04/21/1995	2768
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	96			% Rec.	5030		04/21/1995	2768

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01642

Date: 04/22/1995
ELAP Cert: 1386
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Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

SAMPLE DESCRIPTION: MW-3

Date Taken: 04/21/1995

Time Taken:

NET Sample No: 240549

Parameter	Results	Flags	Reporting		Method	Date	Date	Run
			Limit	Units		Extracted	Analyzed	Batch No.
TPH (Gas/BTEX, Liquid)								
METHOD 5030/M8015	--						04/21/1995	2768
DILUTION FACTOR*	1						04/21/1995	2768
as Gasoline	60		50	ug/L	5030		04/21/1995	2768
Carbon Range:	C6-C12						04/21/1995	2768
METHOD 8020 (GC, Liquid)	--						04/21/1995	2768
Benzene	0.9		0.5	ug/L	8020		04/21/1995	2769
Toluene	1.1		0.5	ug/L	8020		04/21/1995	2769
Ethylbenzene	ND		0.5	ug/L	8020		04/21/1995	2769
Xylenes (Total)	1.0		0.5	ug/L	8020		04/21/1995	2769
SURROGATE RESULTS	--						04/21/1995	2768
Bromofluorobenzene (SURR)	85			% Rec.	5030		04/21/1995	2769

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01642

Date: 04/22/1995
ELAP Cert: 1386
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Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

CONTINUING CALIBRATION VERIFICATION STANDARD REPORT

Parameter	CCV	CCV	CCV	Units	Date Analyzed	Analyst Initials	Run Batch Number
	Standard % Recovery	Standard Amount Found	Standard Amount Expected				
TPH (Gas/BTXE,Liquid)							
as Gasoline	110.0	0.55	0.50	mg/L	04/21/1995	caf	2768
Benzene	94.6	4.73	5.00	ug/L	04/21/1995	caf	2768
Toluene	87.0	4.35	5.00	ug/L	04/21/1995	caf	2768
Ethylbenzene	90.2	4.51	5.00	ug/L	04/21/1995	caf	2768
Xylenes (Total)	112.8	16.92	15.0	ug/L	04/21/1995	caf	2768
Bromofluorobenzene (SURR)	104.0	104	100	% Rec.	04/21/1995	caf	2768
TPH (Gas/BTXE,Liquid)							
Benzene	96.0	4.80	5.00	ug/L	04/21/1995	aal	2769
Toluene	95.4	4.77	5.00	ug/L	04/21/1995	aal	2769
Ethylbenzene	92.6	4.63	5.00	ug/L	04/21/1995	aal	2769
Xylenes (Total)	94.0	14.1	15.0	ug/L	04/21/1995	aal	2769
Bromofluorobenzene (SURR)	83.0	83	100	% Rec.	04/21/1995	aal	2769

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
Client Acct: 1821
NET Job No: 95.01642

Date: 04/22/1995
ELAP Cert: 1386
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Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

METHOD BLANK REPORT

Parameter	Method			Date Analyzed	Analyst Initials	Run Batch Number
	Blank Amount Found	Reporting Limit	Units			
TPH (Gas/BTXE,Liquid)						
as Gasoline	ND	0.05	mg/L	04/21/1995	caf	2768
Benzene	ND	0.5	ug/L	04/21/1995	caf	2768
Toluene	ND	0.5	ug/L	04/21/1995	caf	2768
Ethylbenzene	ND	0.5	ug/L	04/21/1995	caf	2768
Xylenes (Total)	ND	0.5	ug/L	04/21/1995	caf	2768
Bromofluorobenzene (SURR)	102		% Rec.	04/21/1995	caf	2768
TPH (Gas/BTXE,Liquid)						
Benzene	ND	0.5	ug/L	04/21/1995	aal	2769
Toluene	ND	0.5	ug/L	04/21/1995	aal	2769
Ethylbenzene	ND	0.5	ug/L	04/21/1995	aal	2769
Xylenes (Total)	ND	0.5	ug/L	04/21/1995	aal	2769
Bromofluorobenzene (SURR)	88		% Rec.	04/21/1995	aal	2769

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.



Client Name: Blaine Tech Services
 Client Acct: 1821
 NET Job No: 95.01642

Date: 04/22/1995
 ELAP Cert: 1386
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Ref: Shell 230 West MacArthur Blvd., Oakland, CA/950421-G1

MATRIX SPIKE / MATRIX SPIKE DUPLICATE

Parameter	Matrix Spike				Sample Conc.	Matrix Spike			Units	Date Analyzed	Run Batch	Sample Spiked
	Matrix Spike % Rec.	Matrix Spike Dup % Rec.	RPD	Spike Amount		Matrix Spike Conc.	Matrix Spike Dup. Conc.	Matrix Spike Conc.				
TPH (Gas/BTXE,Liquid)												240547
as Gasoline	98.0	96.0	0.0	0.50	ND	0.49	0.49	mg/L	04/21/1995	2768		240547
Benzene	81.6	79.6	2.5	10.3	ND	8.4	8.2	ug/L	04/21/1995	2768		240547
Toluene	94.3	93.7	0.6	31.6	ND	29.8	29.6	ug/L	04/21/1995	2768		240547
TPH (Gas/BTXE,Liquid)												240549
Benzene	108.0	108.0	0.0	5.0	0.9	6.3	6.3	ug/L	04/21/1995	2769		240549
Toluene	98.0	96.0	2.1	5.0	1.1	6.0	5.9	ug/L	04/21/1995	2769		240549

NOTE: Results apply only to the samples analyzed. Reproduction of this report is permitted only in its entirety.

KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ (Value 1 - Value 2) / mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

COOLER RECEIPT FORM

Project: 960421-G1 Log No: 1481
Cooler received on: 4-21-95 and checked on 4-21-95 by Bm Greene
Bm Greene
(signature)

- Were custody papers present?..... YES NO
- Were custody papers properly filled out?..... YES NO
- Were the custody papers signed?..... YES NO
- Was sufficient ice used?..... YES NO Temp 0.9°
- Did all bottles arrive in good condition (unbroken)?..... YES NO
- Did bottle labels match COC?..... YES NO
- Were proper bottles used for analysis indicated?..... YES NO
- Correct preservatives used?..... YES NO
- VOA vials checked for headspace bubbles?..... YES NO
Note which voas (if any) had bubbles:*

Sample descriptor:

Number of vials:

*All VOAs with headspace bubbles have been set aside so they will not be used for analysis.....YES NO

List here all other jobs received in the same cooler:

Client Job #

NET log #

(coolerrec)

SHELL WELL MONITORING DATA SHEET

Project #: 950313J2	Wic # 204-5508-0703
Sampler: JG	Date Sampled: 3/13/95
Well I.D.: MW-3	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 28.13 After	Depth to Water: Before 12.41 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: PVC	Grade Other --

Volume Conversion Factor (VCF):
 $(2.31 \times (d^2/4) \times n) / 2.31$
 where
 2.31 = in/foot
 d = diameter (in.)
 n = 2.3124
 2.31 = in³/gal

Well dia.	VCF
2"	0.24
3"	0.27
4"	0.46
6"	1.07
8"	1.69
12"	1.67

10.2	x	3	=	30.6
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump _____

Sampling: Bailer Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
11:50	62.8	7.1	480	7200	11,	
11:52	66.0	7.0	500	118,	22,	
11:54	66.4	7.0	500	57,	33,	

Did Well Dewater? **NO** If yes, gals. Gallons Actually Evacuated: **33,**

Sampling Time: **11:56**

Sample I.D.: **MW-3** Laboratory: **NET**

Analyzed for: **TPHG, BTEX**

Duplicate I.D.: Cleaning Blank I.D.: **EIB, @ 12:00**

Analyzed for: **TPHG, BTEX**

Shipping Notations:

Additional Notations:

SHELL WELL MONITORING DATA SHEET

Project #: <u>9503139R</u>	Wic # <u>204-5508-0703</u>
Sampler: <u>JG</u>	Date Sampled: <u>3/13/95</u>
Well I.D.: <u>MW-1</u>	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before <u>29.17</u> After	Depth to Water: Before <u>11.74</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other --	

Volume Conversion Factor (VCF):
 $(2.2 \times (\frac{d^2}{4}) \times \pi) / 231$
 where
 d = in./foot
 d = diameter (in.)
 π = 3.1416
 231 = in.³/gal

Well dia.	VCF
2"	0.16
3"	0.37
4"	0.68
6"	1.47
10"	4.04
12"	6.07

<u>11.14</u>	x	<u>3</u>	=	<u>34.2</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump _____

Sampling: Bailer Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>12:18</u>	<u>63.2</u>	<u>7.0</u>	<u>460</u>	<u>119.</u>	<u>12.</u>	
<u>12:20</u>	<u>64.8</u>	<u>7.0</u>	<u>440</u>	<u>73.</u>	<u>24.</u>	
<u>12:22</u>	<u>64.6</u>	<u>6.8</u>	<u>440</u>	<u>32.</u>	<u>36.</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 36.

Sampling Time: 12:25

Sample I.D.: MW-1 Laboratory: NET

Analyzed for: TP, HC, BTEX

Duplicate I.D.: _____ Cleaning Blank I.D.: _____

Analyzed for:

Shipping Notations:

Additional Notations:

SHELL WELL MONITORING DATA SHEET

Project #: 950313J2	Wic # 204-5608-0703
Sampler: JG	Date Sampled: 3/13/95
Well I.D.: MW-44	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 24.04 After	Depth to Water: Before 12.13 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to:	<input checked="" type="checkbox"/> PVC <input type="checkbox"/> Grade <input type="checkbox"/> Other --

Volume Conversion Factor (VCF):
 $VCF = (d^2/4) \times \pi \times 7.48052$
 where
 $d = \text{in./foot}$
 $d = \text{diameter (in.)}$
 $\pi = 3.1416$
 $7.48052 = \text{in}^3/\text{gal}$

Well dia.	VCF
2"	0.24
3"	0.37
4"	0.45
6"	1.47
10"	4.08
12"	6.87

<u>7.17</u>	x	<u>3</u>	=	<u>23.1</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer Middleburg Electric Submersible Suction Pump Type of Installed Pump _____
Sampling: Bailer Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
13:07	61.8	7.0	640	>200	8.	
13:09	65.0	6.8	600	>200	16.	
13:11	64.8	6.8	600	>200	24.	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 24

Sampling Time: 13:13

Sample I.D.: MW-4 Laboratory: NET

Analyzed for: TPH, BTEX

Duplicate I.D.: DUP@ 13:13 Cleaning Blank I.D.:

Analyzed for: TPH, BTEX

Shipping Notations:

Additional Notations:

SHELL WELL MONITORING DATA SHEET

Project #: 950421-G1	Wic #: 204 5508 0703
Sampler: GRANT	Start Date: 4-21
Well I.D.: MW1	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before 29.39 After	Depth to Water: Before 11.96 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>11.3</u>	x	<u>5</u>	=	<u>56.5</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
 Disposable Bailer
 Middleburg
Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

SLOW 4th CV

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
841	66.4	6.6	460	49	12.0	
843	66.4	6.3	410	27	24.0	
845	67.6	6.2	440	73.	34.0	
852	68.0	6.3	440	112	45.0	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 45.0

Sampling Time: 900	Sampling Date: 4-21
Sample I.D.: MW1	Laboratory: <u>NET</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	

SHELL WELL MONITORING DATA SHEET

Project #: 950421-G1	Wic #: 20H 5508 0703
Sampler: GRANT	Start Date: 4-21
Well I.D.: MW2	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 27.70 After	Depth to Water: Before 14.33 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to:	PVC Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

8.7	x	5	=	43.5
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
 Disposable Bailer
 Middleburg
Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
909	69.0	6.6	560	149	9.0	
911	69.2	6.4	610	92	17.0	
913	69.4	6.3	600	175	27.0	
920	70.2	6.3	580	2200	35.0	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 35.0

Sampling Time: 925 Sampling Date: 4-21

Sample I.D.: MW2 Laboratory: NET

Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:

SHELL WELL MONITORING DATA SHEET

Project #: 950421-61	Wic #: 264 5508 0703
Sampler: GRANT	Start Date: 4-21
Well I.D.: 14W3	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before 28.10 After	Depth to Water: Before 12.72 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to:	<u>FVC</u> Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

$$\frac{10.0}{1 \text{ Case Volume}} \times \frac{5}{\text{Specified Volumes}} = \frac{50.0}{\text{gallons}}$$

Purging: Bailer
 Disposable Bailer
 Middleburg
Electric Submersible
 Extraction Pump
 Other

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other

SLOW DEWATER ON 4B ~~16W~~ C.V.

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
812	68.6	6.8	740	69	10.0	
815	69.2	6.3	510	93	20.0	
817	69.4	6.4	490	112	30.0	
826	69.0	6.4	530	67	40.0	
					50.0	

Did Well Dewater? If yes, gals. Gallons Actually Evacuated: 40.0

Sampling Time: 830	Sampling Date: 4-21
Sample I.D.: 1403	Laboratory: NET
Analyzed for: (Circle) <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:	