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Ultramar Inc. PO Box 466 525 W. Third Street Hanford, CA 93232-0466 (209) 582-0241

UAN 12 1994

LAVIALID FIRE DEPARTMENT

Telecopy: 209-584-6113 Credit & Wholesale 209-583-3330 Administrative 209-583-3302 Information Services 209-583-3358 Accounting

January 6, 1994

Mr. Hugh Murphy Hazardous Material Inspector Hayward Fire Department 22300 Foothill Boulevard Hayward, California 94541

SUBJECT:

FORMER BEACON STATION NO. 546, 29705 MISSION BOULEVARD,

HAYWARD, CALIFORNIA

Dear Mr. Murphy:

Enclosed is a copy of the ground-water monitoring report for the fourth quarter 1993 for the above-referenced Ultramar facility. Also enclosed is a copy of the Quarterly Status Report which describes the work completed this quarter and the work anticipated to be completed next quarter.

Please call if you have any question regarding this project.

Sincerely.

ULTRAMAR INC.

Terrence A. Fox

Senior Project Manager

Tenence S. Frx

Marketing Environmental Department

Enclosures

cc w/encls: Mr. Vijay B. Patel, San Francisco Region, RWQCB

Mr. Dale van Dam, AMV



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Ultramar

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JAH 1 8 1994

Ultramar Inc.

PO Box 466 525 W Third Street Hanford, CA 93232-0466 (209) 582-0241 Telecopy: 209-584-6113 Credit & Wholesale 209-583-3330 Administrative 209-583-3302 Information Services 209-583-3358 Accounting

ENVIRONMENTAL PROJECT QUARTERLY STATUS REPORT

DATE REPORT SUBMITTED: January 6, 1994 OUARTER ENDING: December 31, 1993

SERVICE STATION NO.: 546

ADDRESS: 29705 Mission Boulevard, Hayward, CA

COUNTY: Alameda

ULTRAMAR CONTACT: Terrence A. Fox

TEL. NO: 209-583-5545

BACKGROUND:

1987, five borings were drilled around the March In underground storage tanks. Hydrocarbons were detected in the soil and ground water beneath the site. In April 1988, three underground fuel storage tanks and one waste oil tank were Hydrocarbons were detected beneath the fuel storage removed. In June and July 1988, three monitoring wells (MW-1 tanks. through MW-3) were installed. Results indicated that hydrocarbons were present in the ground water petroleum beneath the site. In June 1989 and February 1990, a total of five additional wells (MW-4 through MW-8) were installed. Varying concentrations have been detected in all the wells through time.

In January 1993, installed one additional downgradient well (MW-9).

In April 1993, a ground-water pump test was performed. Results indicate the well yields 5 gpm and has a downgradient capture radius of 7.4 feet.

SUMMARY OF THIS QUARTER'S ACTIVITIES:

Performed quarterly monitoring on November 18, 1993.

RESULT OF QUARTERLY MONITORING:

Monitoring data indicates that benzene concentration decreased in MW-1 from 220 ppb to not detected, in MW-2 from 53 ppb to 3 ppb, in MW-3 from 1 ppb to not detected, in MW-7 from 53 ppb to not detected, and in MW-8 from 790 ppb to 420 ppb. The benzene concentration increased in MW-9 from 290 ppb to 340 ppb. Wells MW-4, MW-5, and MW-6, which have not been sampled since before April of 1992, had benzene concentrations of 110 ppb, 23 ppb, and not detected, respectively.





PROPOSED ACTIVITY OR WORK FOR NEXT QUARTER:

ESTIMATED COMPLETION DATE

ACTIVITY
Continue quarterly ground-water sampling.

Submit a workplan for additional downgradient definition.

March 15, 1993

1.65 p. 12 (916) 782 2110 Fax (916) 786 7830 ALERAGOUS MARKAMAS OFFICE

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December 27, 1993

Mr. Terrence Fox **Environmental Specialist** Ultramar Inc. 525 West Third Street Hanford, California 93232-0466

Subject:

Fourth Quarter 1993 Groundwater Monitoring Report

Beacon Station #546

29705 Mission Boulevard, Hayward, California

Dear Mr. Fox:

Aegis Environmental, Inc. (Aegis), is pleased to provide Ultramar Inc. this report documenting the results of quarterly groundwater monitoring, conducted on November 18, 1993, at the subject site (Figure 1). The monitoring included measurements of depth to water, subjective analysis of free product, and collection of groundwater samples. All field activities pertaining to events in this report were conducted according to Aegis' Standard Operating Procedures included in the Attachments.

GROUNDWATER ELEVATIONS

Prior to purging, Aegis personnel collected measurements of depth to groundwater. Groundwater level data from April 1992 to date are summarized in Table 1. Previous groundwater level data are attached. On the basis of the current measurements, groundwater flows to the west (Figure 2) at a gradient of <0.01 ft/ft. Groundwater levels have decreased an average of 1.3 feet compared to the last monitoring event.

92-773E.RPT

GROUNDWATER SAMPLING AND ANALYSES

Aegis personnel collected groundwater samples from all nine wells. All samples were analyzed for concentrations of:

- Total petroleum hydrocarbons, as gasoline, by EPA Methods 5030/8015;
- Benzene, toluene, ethylbenzene, and total xylenes by EPA Methods 5030/602.

Analytical results from April 1992 to date are summarized in Table 2. Previous analytical results are attached. The laboratory report and chain-of-custody form for the current event are included in the Attachments. Benzene concentrations decreased in wells MW-1, MW-2, MW-3, MW-7, and MW-8; and increased in well MW-9 compared to the last sampling event.

Aegis recommends that a copy of this quarterly monitoring report be forwarded to the following parties:

Mr. Scott Hugenberger San Francisco Bay Regional Water Quality Control Board 2101 Webster Street, Suite 500 Oakland, California 94612

Mr. Hugh Murphy Hayward Fire Department 22300 Foothill Boulevard Hayward, California 94541 This report has been prepared for the sole use of Ultramar Inc. Any reliance on this report by third parties shall be at such parties' own risk. The work described herein was performed under the review and supervision of the professional geologist/engineer, registered with the State of California, whose signature appears below.

if you have any questions or comments, please call us at (916) 782-2110.

Sincerely,

AEGIS ENVIRONMENTAL, INC.

Owen Kittredge

Project Geologist

E. Paul Hayes

Principal Engineer

PE No. C49163

OMK/EPH/srr

Attachments

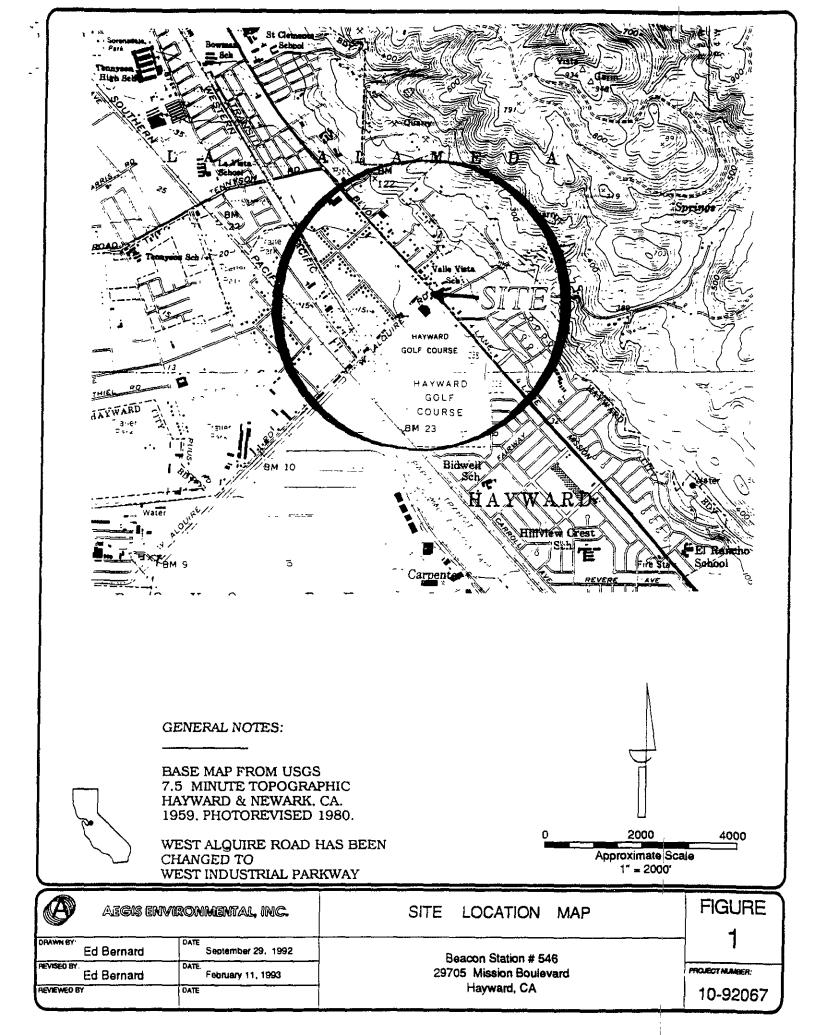
ATTACHMENTS: STANDARD OPERATING PROCEDURES

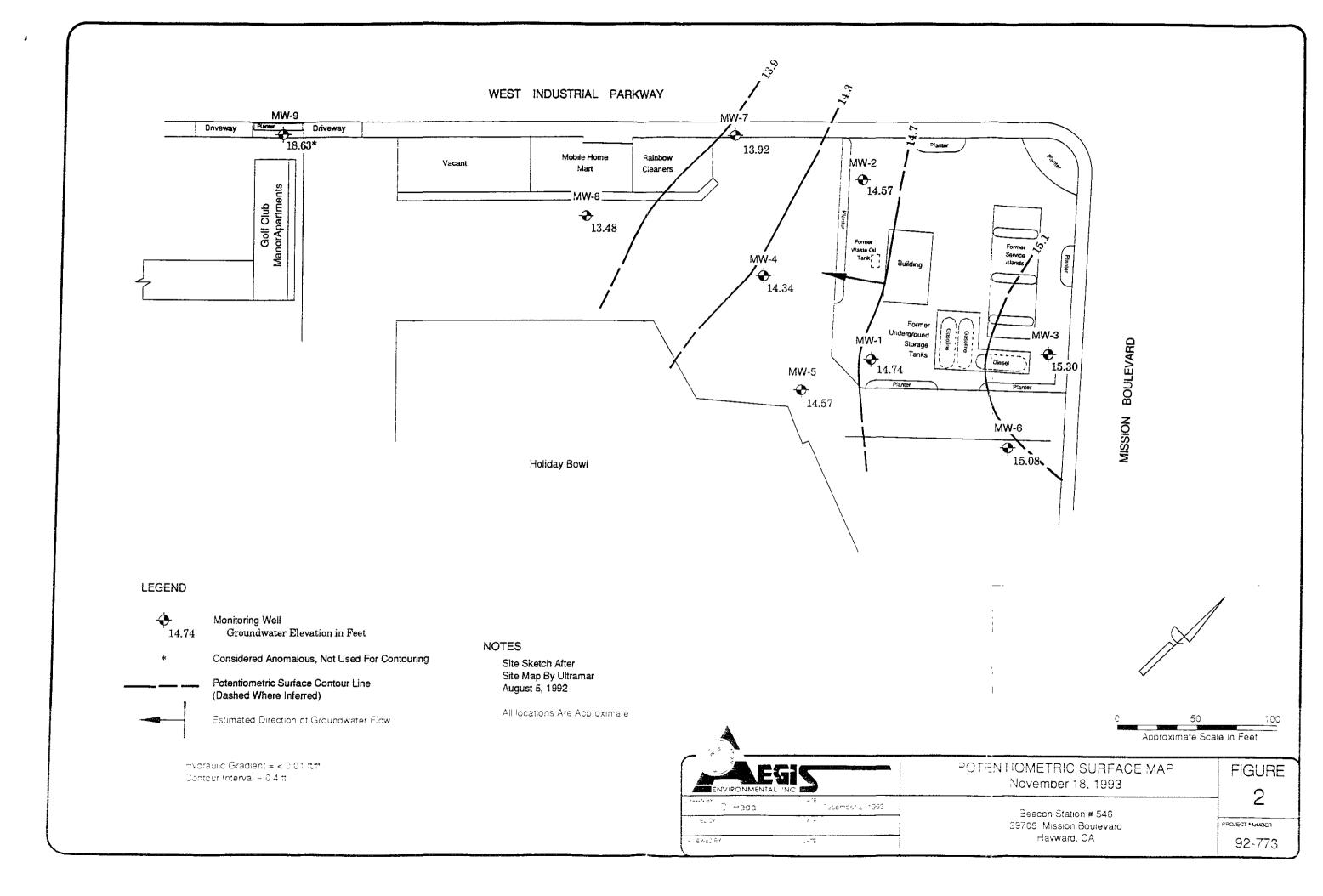
LABORATORY REPORT AND CHAIN-OF-CUSTODY FORM

HISTORICAL WATER LEVEL DATA

HISTORICAL ANALYTICAL DATA

FIELD DATA SHEETS





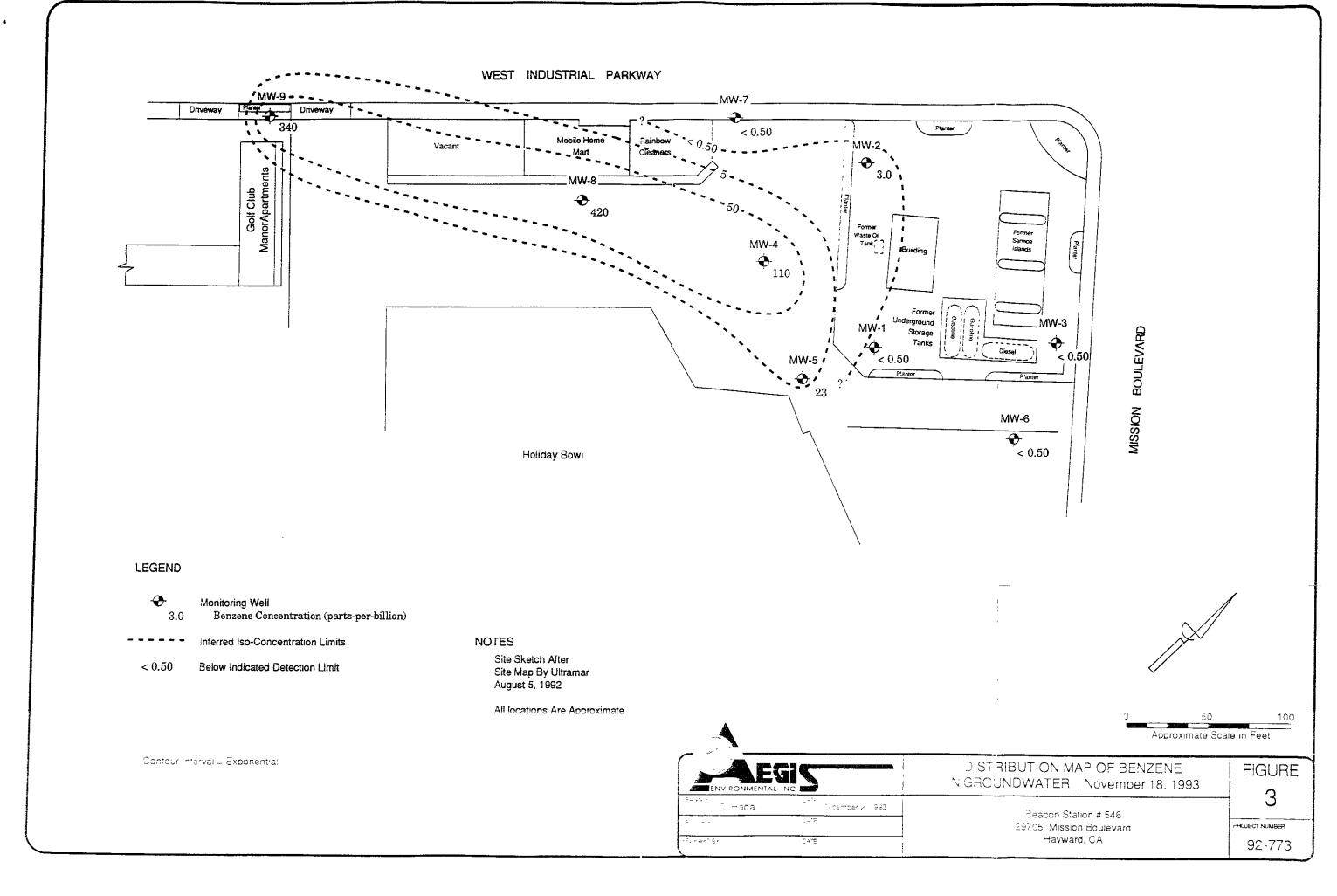


TABLE 1 WATER LEVEL DATA

BEACON STATION #546

29705 MISSION BOULEVARD, HAYWARD, CALIFORNIA (Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Groundwater ¹	Groundwater Elevation ²	Well Depth	Comments
MW-1	04/15/92 07/07/92 09/23/92 11/12/92 02/03/93 05/10/93 08/18/93 11/18/93	37.46	22.10 23.40 24.61 24.87 21.23 19.59 20.22 22.72	15.36 14.06 12.85 12.59 16.23 17.87 17.24 14.74	 38.08 37.95 37.95 37.93	Heavy sheen
MW-2	04/15/93 07/07/92 09/23/92 11/12/92 02/03/93 05/10/93 08/18/93 11/18/93	35.95	20.88 21.95 23.15 23.43 19.93 18.57 19.96 21.38	15.07 14.00 12.80 12.52 16.02 17.38 15.99 14.57	 38.90 38.98 39.00 39.00	
MW-3	04/15/92 07/07/92 09/23/92 11/12/92 02/03/93 05/10/93 08/18/93 11/18/93	40.28	24.59 25.90 27.09 27.43 23.67 21.90 23.56 24.98	15.69 14.38 13.19 12.85 16.61 18.38 16.72 15.30	 33.94 37.86 37.82 37.80 37.81	
MW-4	04/15/92 ** 11/18/93	34.94	20.60	 14.34	39.02	
MW-5	04/15/92 ** 11/18/93	36.37	 21.80	14.57	 34.52	
MW-6	04/15/92 ** 11/18/93	37.43	 22.35	 15.08	 39.17	

NOTES.

Measurement and reference elevation taken from notch/mark on top north side of well casing. Elevation referenced to mean sea level.

2

Not measured/not observed,

No measurements collected since prior to April 1992.

Well Depth Measurement from top of casing to bottom of well.

Aegis Environmental, Inc. 92-773/December 15, 1993

TABLE 1 WATER LEVEL DATA

BEACON STATION #546 29705 MISSION BOULEVARD, HAYWARD, CALIFORNIA

(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing) ¹	Depth to Groundwater ¹	Groundwater Elevation ²	Well Depth	Comments
MW-7	04/15/92 07/07/92 09/23/92 11/12/92 02/03/93 05/10/93 08/18/93 11/18/93	30.50	16.00 17.10 18.21 18.37 15.20 14.01 15.51 16.58	14.50 13.40 12.29 12.13 15.30 16.49 14.99	 33.94 34.02 34.05 34.01 34.01	
MW-8	04/15/92 07/07/92 09/23/92 11/12/92 02/03/93 05/10/93 08/18/93 11/18/93	28.48	14.30 15.60 16.66 16.86 13.49 12.51 13.97	14.18 12.88 11.82 11.62 14.99 15.97 14.51	39.20 39.19 39.21 39.25 39.25	
MW-9	02/03/93 05/10/93 08/18/93 11/18/93	21.99	8.95 8.18 9.50 9.85	13.04 13.81 18.98 18.63	23.52 23.52 23.17 23.16	

NOTES:

1

Measurement and reference elevation taken from notch/mark on top north side of well casing.

Elevation referenced to mean sea level.

-- = Not measured/not observed

•• = No measurements collected since pnor to April 1992.
Well Depth = Measurement from top of casing to bottom of well.

Aegis Environmental, Inc. 92-773/December 15, 1993

TABLE 2 ANALYTICAL RESULTS: GROUNDWATER

BEACON STATION #546 29705 MISSION BOULEVARD, HAYWARD, CALIFORNIA (All results in parts-per-billion)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics			
		Gasoline	Benzene	Toluene	Ethyl- benzene	Total Xylenes
MW-7	04/15/92	1,600	21	1.2	2.0	1.2
	07/07/92	320	<0.5	<0.5	<0.5	<0.5
	09/23/92	90	<0.5	<0.5	<0.5	<0.5
	11/12/92	<50	<0.5	<0.5	<0.5	<0.5
	02/03/93	<50	<0.5	<0.5	<0.5	<0.5
	05/10/93	1,800	190	3.2	45	<1.5
	08/18/93	1,600	53	<2.5	<2.5	37
	11/18/93	730	<0.5	<0.5	<0.5	7.4
MW-8	04/15/92	40,000	1,900	34	1,200	1,800
	07/07/92	19,000	560	14	32	630
	09/23/92	4,200	370	<5.0	<5.0	150
	11/12/92	5,100	75	<2.5	<2.5	110
	02/03/93	29,000	800	1.1	660	720
	05/10/93	8,900	540	9.9	770	550
	08/18/93	10,000	790	<25	1,100	720
	11/18/93	8,700	420	<5.0	690	290
MW-9	02/03/92	28,000	64	9.6	70	510
	05/10/93	5,000	180	12	88	110
	08/18/93	4,900	290	<2.5	210	180
	11/18/93	8,800	340	6.0	240	200

NOTES: < = Below indicated detection limit.

NS = Not sampled

** = No samples collected since prior to April 1992

Aegis Environmental, Inc. 92-773/December 15, 1993

SAMPLE IDENTIFICATION AND CHAIN-OF-CUSTODY PROCEDURES

SOP.4

Sample identification and chain-of-custody procedures ensure sample integrity, and document sample possession from the time of collection to its ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, sampling methodology, name(s) of onsite personnel and any other pertinent field observations also recorded on the field excavation or boring log.

Chain-of-custody forms are used to record possession of the sample from time of collection to its arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample-control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

SOP-5

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

- Participation in state and federal laboratory accreditation/certification programs;
- Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
- Standard operating procedures describing routine and periodic instrument maintenance:
- 4. "Out-of-Control"/Corrective Action documentation procedures; and,
- 5. Multi-level review of raw data and client reports.

GROUNDWATER PURGING AND SAMPLING

SOP-7

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize, a maximum of ten well-bore volumes of groundwater have been recovered, or the well is bailed dry. When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level.

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

The groundwater sample is decanted into each VOA vial in such a manner that there is no meniscus at the top of the vial. A cap is quickly secured to the top of the vial. The vial is then inverted and gently tapped to see if air bubbles are present. If none are present, the vial is labeled and refrigerated for delivery, under strict chain-of-custody, to the analytical laboratory. Label information should include a unique sample identification number, job identification number, date, time, type of analysis requested, and the sampler's name.

For quality control purposes, a duplicate water sample is collected from each well. This sample is put on hold at the laboratory. When required, a trip blank is prepared at the laboratory and placed in the transport cooler. It is labeled

similar to the well samples, remains in the cooler during transport, and is analyzed by the laboratory along with the groundwater samples. In addition, a field blank may be prepared in the field when sampling equipment is not dedicated. The field blank is prepared after a pump or bailer has been either steam cleaned or properly washed, prior to use in the next well, and is analyzed along with the other samples. The field blank analyzes demonstrates the effectiveness of the in-field cleaning procedures to prevent cross-contamination.

To minimize the potential for cross-contamination between wells, all well development and water sampling equipment not dedicated to a well is either steam cleaned or properly washed between use. As a second precautionary measure, wells are sampled in order of least to highest concentrations as established by available previous analytical data.

In the event the water samples cannot be submitted to the analytical laboratory on the same day they are collected (e.g., due to weekends or holidays), the samples are temporarily stored until the first opportunity for submittal either on ice in a cooler, such as when in the field, or in a refrigerator at Aegis' office.

MEASURING LIQUID LEVELS USING WATER LEVEL OR INTERFACE PROBE

SOP-12

Field equipment used for liquid-level gauging typically includes the measuring probe (water-level or interface) and product bailer(s). The field kit also includes cleaning supplies (buckets, TSP, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurement, the probe tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e., wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well.

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby. When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case.

The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indicator and the DTW measurement is made accordingly. The steady tone indicates floating hydrocarbons. In this case, the probe is slowly raised until the steady tone ceases. This is the depth-to-product (DTP) indicator and the measurement of DTP is recorded. A corrected groundwater elevation for floating hydrocarbons can be calculated by using the following formula:

Corrected groundwater elevation - CDTW = DTW - (SP.G:x LHT). CDTW = Corrected depth to water.

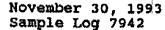
DTW = Measured depth to water.

SP.G = Specific gravity: unweathered gasoline = 0.75; diesel = 0.80

LHT = Measured liquid hydrocarbon thickness.

The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When floating product is indicated by the probe's response, a product bailer is lowered partially through the product-water interface to confirm the product on the water surface, and as further indication of product thickness, particularly in cases where the product layer is quite thin. This measurement is recorded on the data sheet as "product thickness."

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with TSP or similar solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use.





Sheila Richgels Aegis Environmental Consultants, Inc. 1050 Melody Lane, Suite 160 Roseville, CA 95678

Subject: Analytical Results for 9 Water Samples

Identified as: Project # 92-773 (Beacon 546)

Received: 11/19/93

Dear Ms. Richgels:

Analysis of the sample(s) referenced above has been completed. This report is written to confirm results communicated on November 30, 1993 and describes procedures used to analyze the samples.

Sample(s) were received in 40-milliliter glass vials sealed with TFE lined septae and plastic screw-caps. Each sample was transported and received under documented chain of custody and stored at 4 degrees C until analysis was performed.

sample(s) were analyzed using the following method(s):

"BTEX" (EPA Method 602/Purge-and-Trap) "TPH as Gasoline" (Modified EPA Method 8015/Purge-and-Trap)

Please refer to the following table(s) for summarized analytical results and contact us at 916-757-4650 if you have questions regarding procedures or results. The chain-of-custody document is enclosed.

Approved by:

Stewart Podolsk

Senior Chemist



Sample Log 7942

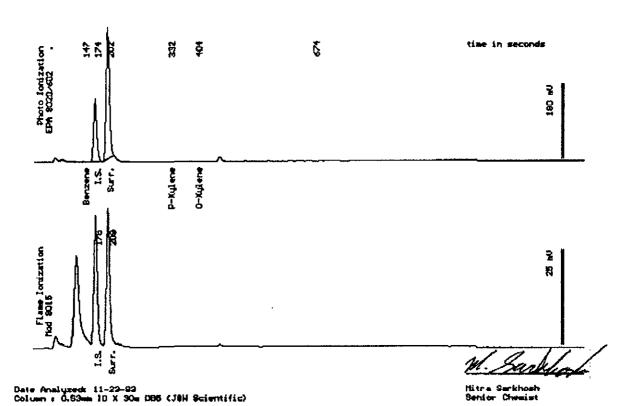
Sample: MW-1

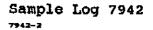
From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93 Dilution: 1:1

Dilution: 1:1 QC Batch: 2035a

Parameter	(MRL) wg/L	Measured Value سرید	
Benzene	(.50)	<.50	
Toluene	(.50)	<.50	
Ethylbenzene	(.50)	<.50	
Total Xylenes	(.50)	<.50	
TPH as Gasoline	(50)	51	
Surrogate Recevery	,	· · 96	9 .





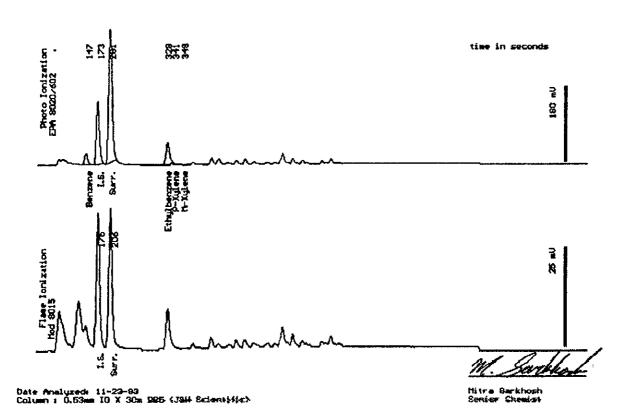


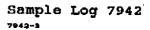
Sample: MW-2

From : Project # 92~773 (Beacon 546) Sampled : 11/18/93

QC Batch : 2035a Dilution: 1:1

Parameter	(MRL) wg/L	Measured Value ug/L
Benzene	(250)	3.0
Toluene	(.50)	<.50
Ethylbenzene	(.50)	9.3
Total Xylenes	(.50)	.73
TPH as Gasoline	(50)	89
Surrogate Recovery	•	99 %







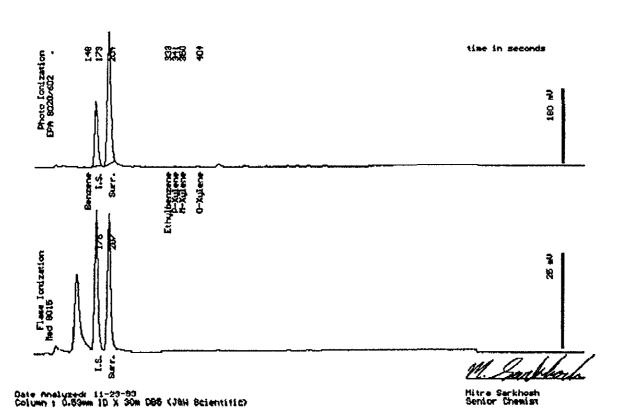
Sample: MW-3

From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93

Dilution: 1:1 QC Batch: 2035a

Parameter	(MRL) ug/t	Méasured Value vo/L
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	<.50
TPH as Gasoline	(50)	<50
Surrogate Recovery	<i>t</i>	100 %





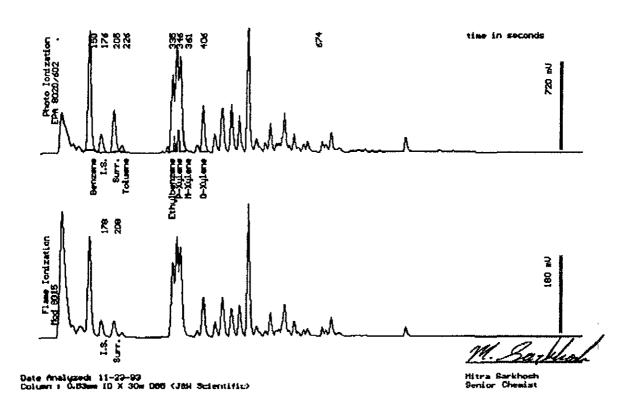
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Sample Log 7942 7942-4

Sample: NW-4

From: Project # 92-773 (Beacon 546)
Sampled: 11/18/93
Dilution: 1:1 QC Batc QC Batch : 2035a

Parameter	(MRL) ug/E	Measured Value wg/c
Benzen e	(.50)	110
Toluene	(.50) (.50)	6.4
Ethylbenzene	(.50)	88
Total Xylenes	(.50)	240
TPH as Gasoline	(50)	1500
Surrogate Recovery	,	100 %



Western Environmental Science & Technology • 45133 County Road 32B • Davis, CA 95616 • 916 753-9500 • FAX: 916 757-4652



Sample Log 7942

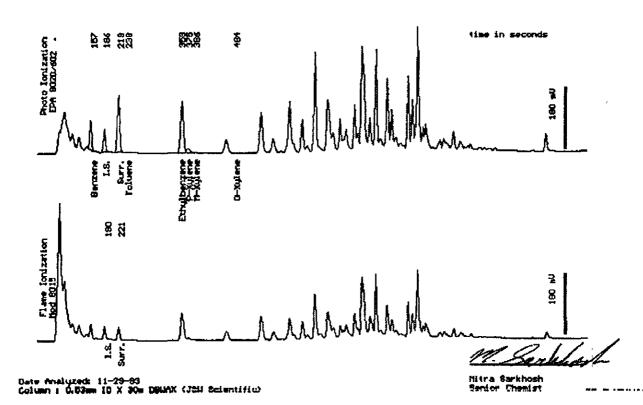
Sample: WW-5

From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93

Dilution: 1:1 QC Batch: 4051e

Parameter	(MRL) ug/L	Measured Value wg/z		
و بندر سنز میں میں بین بین بند سه جند کیا جہا سند شند کند بند سہ بند		**************************************		
Benzene	(.50)	23		
Toluene	(.50)	<.50		
Ethylbenzene	(.50)	72		
Total Xylenes	(.50)	6.1		
TPH as Gasoline	(50)	2800		
Surrogate Recovery	r	102 %		





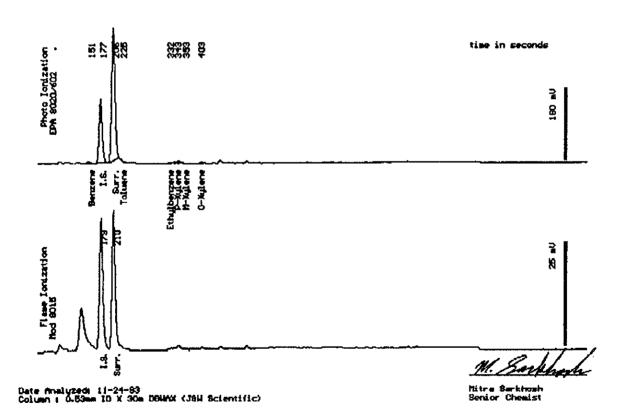
Sample Log 7942 7942-6

Sample: MW-6

From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93 Dilution: 1:1 QC Batch : 2035b

Parameter	(MRL) wa/L	Measured Value w/L
	,	ے ہے ہے ہے بہت ضافت کہ کہ کہ کہ کا کہ کا کہ کہ کہ اس کے انتہا کہ کہ کہ اس کے انتہا کہ کہ کہ اس کے انتہا کہ کہ ا
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	1.5
TPH as Gasoline	(50)	<50
Surrogate Recovery	7	97 %





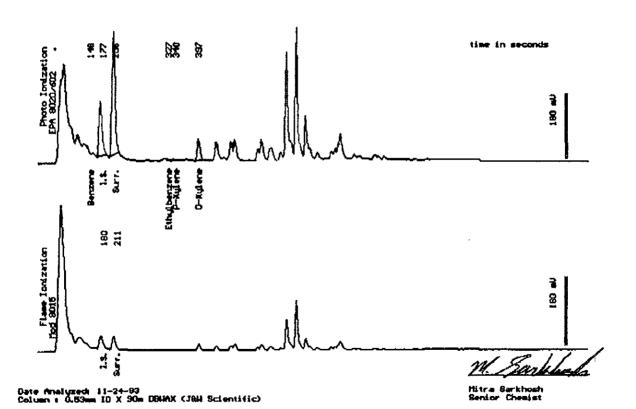
Sample: MW-7

From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93

Dilution: 1:1 QC Batch: 2035b

Parameter	(MRL) wg/k	Measured Value سے/د
######################################		ے کی ہے کہ جب جب ہو جب ایک شاہ بند سا سے بسا ہے ہیں ہیں ہیں ہیں ہے۔
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	7.4
TPH as Gasoline	(50)	730
Surrogate Recovery	7	95 %





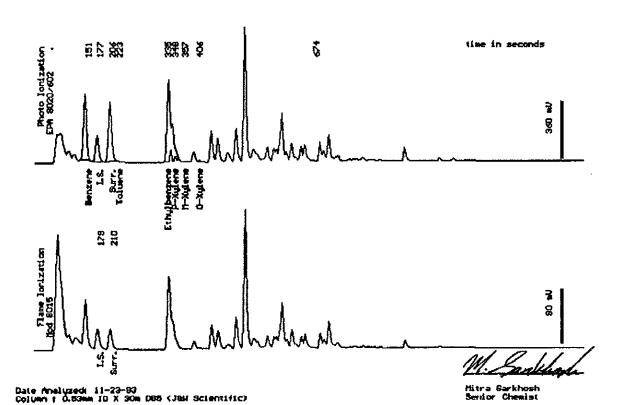
Sample: MW-8

From : Project # 92-773 (Beacon 546)

Sampled: 11/18/93 Dilution: 1:10

ilution: 1:10 QC Batch: 2035a

Parameter	(MRL) wg/L	Measured Value w/L
Benzene	(E.O)	420
Toluene	(5.0) (5.0)	<5.0
Ethylbenzene	(5.0)	690
Total Xylenes	(5.0)	290
TPH as Gasoline	(500)	8700
Surrogate Recovery	7	98 %





Sample Log 7942

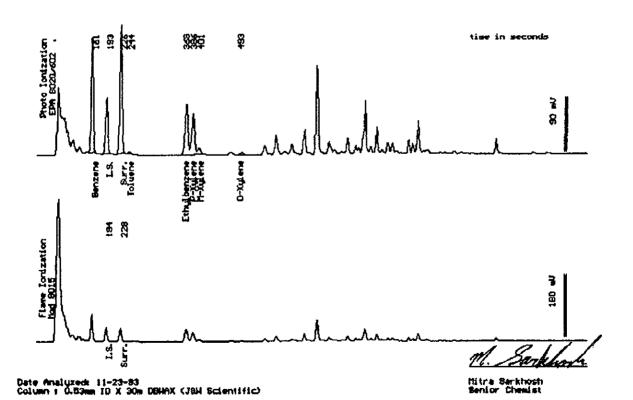
Sample: NW-9

From : Project # 92-773 (Beacon 546)

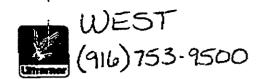
Sampled : 11/18/93

Dilution: 1:10 QC Batch: 4050e

Parameter	(MRL) wg/L	Measured Value wg/L
Benzene	(5.0)	340
Toluene	(5.0)	6.0
Ethylbenzene	(5.0)	240
Total Xylenes	(5.0)	200
TPH as Gasoline	(500)	8800
Surrogate Recovery	7	· 77 \$



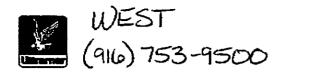
Western Environmental Science & Technology • 45133 County Road 32B • Davis, CA 95616 • 918 753-9500 • FAX: 916 757-4652



Ultramar Inc.CHAIN OF CUSTODY REPORT

BEACON

Beacon Station No.	Sampler (P	rint Name)		ANAL	VCEC	Date / 1/18/9 3	Form No.	
546	Bru.	in won	W TO			1	<u> </u>	
Project No. 92-773	Sampler (S	ignature) Wic	Donald		Containers	STAN		1
Project Location	Affiliation		•	(gasoline) (diesel)		/ ·	A.T]
HAYWARD CA.	Affiliation AEGIS	, ENV.	IRON.					
Sample No./Identification	Date		ne Lab No.			REMAF	KS	
mw-1	11/18/9	70 5	1:4)	XX		3		
MW-Z		06	: 38			<u>}</u>		
E mw-3		06	:20			3		
mw-4		09	:20			3		
mw-5:		09	.ψο			3		
mw-6.			:58		1	3		
mw-7			1:50			3		
mw-7 mw-8	V	1	:35			3		1==
Relinquished by: (Signature/Affiliation) AE	615 M	ate Time 9/43 10:35	Received by: (Signature Juny A. Juny	re/Affiliation)	WEST)		Date 1/4/93	Time to:35
Relinquished by: (Signature/Affiliation)	Da	ate Time	Received by: (Signatu	/Affiliation)			Date	Time
Relinquished by (Signature/Affiliation)	- 4/1	1/12 13:05	1					
Relinquished by (Signature/Affiliation)	Da	ate Time	Received by: (Signation	rerAffiliation)			Date	Time
					<u> </u>	my 7	1/14/4	138
Report To: FAX RESULTS TO SHE	há Rich	bels	Bill to: ULTRAMA	R INC. Third Street				-
1050 MELOBY LU. #160 (9)	16) 78Z-	1277	Hanford, C	A 03230	TERRY	, Env		
ROSEVILLE CA. 95678			Attention:		ICKEY	, , UX		
WHITE: Return to Client with Report	YELLOW:	Laboratory	Copy PINK: Orig	inator Copy			32-4	PRIF 600



Ultramar Inc.CHAIN OF CUSTODY REPORT

BEACON

Beacon Station No.	Sampler (Print				Date / 11/18/93	Form No. 2
546		M WONAW		ANALYSES	1118199	of Z
Project No. 9Z-773		McDonald		(8)	9	DARD
Project Location	Affiliation			sel	T.	A.T
HAYWARD CA.	AEGIS		×	G G G	000	
Sample No./Identification	Date .	(Time L	ab No. 8	TPH (diesel)	2 REMARI	cs
mw-9	11/18/93	08:40	X	1X <u> </u>	3	
EQUIP BLANK	\downarrow	05:30	Χ	(χ		SAMPLE UNTIL
						 i
Relinquished by: (Signature/Affiliation)	Date	Time Received by	: (Signature/A	Affiliation)	1.1	Date Time
Bill Medonal / AE	715 1/19/93			- lues	T	11/19/95 10:35
Relinquished by: (Signature/Affiliation)	Date		r: (Signature/A	Affiliation)		Date Time
Front Jugar /WEST		1305				
Relinquished by: (Signature/Affiliation)	Date	Time Received by	: (Signature/A	Affiliation)	<i>7</i> 3_	Date Time
Report To: FAX RESULTS TO SHE	01.4 RICHGE 0)782-12	フフ 5	ILTRAMAR IN 25 West Third lanford, CA 93 ttention:	Street	Ry Fox	
WHITE: Return to Client with Report	YELLOW: Labo	oratory Copy P	NK: Originato	or Copy		32-8003 1/90

	TAI Ground-Water	BLE 1 ELEVATION (DATA	
Well No.	Relative Casing Elevation	DTW	CWE	CHANGE FROM LAST QUARTER
APRIL 15,	1992			
MW-1	37.46	22.10	15.36	+ 1.67
MW-2	35.95	20.88	15.07	+ 1.53
MW-3	40.28	24.59	15.69	
MW-4	34.94	NA		
MW-5	36.37	NA		
MW-6	37.43	NA		
MW-7	30.50	16.00	14.50	+ 1.60
MW-8	28.48	14.30	14.18	
JULY 7, 199	92			
MW-1	37.46	23.40	14.06	- 1.30
MW-2	35.95	21.95	14.00	
MW-3	40.28	25.90	14.38	
MW-4	34.94	NA		
MW-5	36.37	NA		
MW-6	37.43	NA		
MW-7	30.50	17.10	13.40	- 1.10
MW-8	28.48	15.60	12.88	- 1.30

Elevation of top of casing measured in feet relative to arbitrary datum (100 ft); Depth-to-water measured in feet below top of casting DTW = Depth-to-water CWE = Calculated water elevations
NM = Not Accessible

	ANALY	TA TICAL RESULTS	BLE 2 ON GROUND	WATER SAMPI	_ES	
Well No.	Date	В	Т	E	X	TPH-g
WELL MW-1	4/15/92	710	11	150	440	8900
	7/7/92	<0.5	<0.5	<0.5	<0.5	<50
WELL MW-2	4/15/92	21	<0.5	56	26	1200
	7/7/92	<0.5	<0.5	<0.5	<0.5	<50
WELL MW-3	4/15/92	1.8	< 0.5	< 0.5	< 0.5	69
	7/7/92	<0.5	<0.5	<0.5	<0.5	<50
WELL MW-4	4/15/92 7/7/92	NA NA				
WELL MW-5	4/15/92 7/7/92	NA NA				
WELL MW-6	4/15/92 7/7/92	NA NA				
WELL MW-7	4/15/92	21	1.2	2.0	1.2	1600
	7/7/92	<0.5	<0.5	<0.5	<0.5	320
WELL MW-8	4/15/92	1900	34	1200	1800	40000
	7/7/92	560	14	32	630	19000

All results shown in parts per billion (ppb)

TPHg = Total petroleum hydrocarbons as gasoline

B,T,E,X = Benzene, Tuluene, Ethylbenzene, and Total Xylenes

< = Less than detection limit shown

NA = Not Analyzed

AEGIS ENVIRONMENTAL, INC. GROUNDWATER/LIQUID LEVEL DATA (measurements in feet)

Project Address:	29705 Mission Blvd, Hayward (# 546)	Date:	11/18/93
Recorded by:	BM + 15	Project No.:	92-773

Well No.	Time	Well Elev. TOC	Measured Total Depth	Depth to Gr. Water	Depth to Product	Product Thickness	Comments (TOC/TOB) (product skimmer in well)
MW-1	06:35	37.46	37.93	22.72			
MW-2	05:40	35.95	39.00	21.3B			
MW-3	05:35	40.28	37.81	24.98			
MW-4	08:50	30.50	39.02	20,60	_		
MW-5	09:26	28.48	34.52	21.80			
MW-6	09:45		39.17	22.35			
MW-7	06:45		34.01	16.58			
MW-8	10:05		39.25	15.00			
MW-9	08:15		23,16	9.85			

Notes:

AE	es environm	ental inc.		SAMPLING	INFORMATI	ION SHEET	
	t: BEA 29705 <u>HAYWI</u>	MISSI	546 DN BU CA.	∕∕∆. Weil	Project No Designation	:: 92- :: <i>mw-</i>	7 7.3 -3 " ⁴
Height General Purging Equ	is well cap seal of Well Casing Ri condition of Well tipment:	er in well box? sing cut level? ed and locked? ser (in inches) nead assembly	Excellent 2" Disposat 2" PVC bail	er		Below TOC) explain in remark explain in remark	s) in in remarks) e pump
Sample		sposal bailer:		Tefion Bailer:			
3	/eil Diameter:		3"	4" 🗶	6"	8"	
Purge	Vol. Multiplier:	· · · · - · -	0.367	0.653	1.47	2.61	gal/ft.
Initial Measur Time: OSS Depth of we Depth to wa	35 11: <u>37.8/</u>	IÀ.	Time: 06:1	asurement 27 8 hter: 26.7	Calc	ulated purge Actual purge	
Meter Calibr			Temp.	E.C.	рН	Turbidity]
Date		Initial reading]
Time	Adj	usted reading					
Start purge:			mpling time:	06:20	Sa	mpling Date:	11/18/97
	Time	Temp. &	E.C.	На	Turbidity	Volume]
	05:49	25.8	79905	5.89		11	
	06:00	26.2	୧୦୫ 🚉	5.79		17	
	06:10	26.8	80375	5.90		11	
QC sampl	es collected :		appearance:	somi	CLOUDY		3753
Equipment re	placed:	(Check all tha	t apply) Note	condition of re	placed item.		
2" Locking C	ap:	. L	ock #2357:			Lock #0909:	
4" Locking C	ap:	L	ock #3753:			ock-Dolphin	
Remarks:			<u> </u>				
					-		
D.I. WATE	EP = 1/2	GALS.			-		
Signature _	BM	<i>.</i>			leview	K	

A A	icis environin	iental inc.		SAMPLING	INFORMATI	ON SHEET	
Clien	t: BEA	CON #	546		Project No	: 92-7	772
•	a: <u>29705</u>			. Wei	Designation		- 4
	HAYW	A	A.	_			
Height General Purging Equ	is well cap seal of Well Casing Ri condition of Well Jipment:	er in well box? using cut level? ed and locked? ser (in inches) head assembly	NO NO Excellent 2" Disposat 2" PVC bail	er er	Fair	Below TOC) axplain in remarks axplain in remarks	in <u>in remarks)</u> e pump
	d with: Di Vell Diameter	sposal bailer:	3"	Teflon Bailer:			·
•	Vol. Multiplier	· —	3" 0.367	4" <u> </u>	6"	8"	••-
	•		·		1.47	2.61	gai/ft.
Initial Measu		/8	Recharge Me	asurement 2			
Time: 08:	oll: 39.0	ב	Time: <u>09</u> .	_		ulated purge:	
	iter: 20.60		Depth to wa	ter: da, r	/	Actual purge:	48
Meter Calibr	_		Temp.	E.C.		T L. ! . ! ! . !	7
Date		Initial reading		E.G.	рH	Turbidity	
Time		usted reading					1
Start purge:	08:59	Sa	mpling time:	09:20	Sa	mpling Date:	11/18/93
	Time	Temp. C	E.C.	pН	Turbidity	Volume]
ł	1						
	09:04	27.5	793 "3	5.93		16	
	09:09	27.) 28.7	793°7 770	5.93			
						16	
	09:09	28, 7	טר ר	5.98			
	09:09	28, 7	טר ר	5.98		16	
	09:09	28.7 28.4	ייר ר ייר ר	5.98 5.99	isk N	16	
QC samp	09:09	ეგ. ე ეგ. ౺ Sample a	טר ר	5.98 5.99	UK N	/6 /6	37 <i>(</i> 5
	09:09 09:19	28. Y 28. Y Sample at this well:	ארט ארט אין אין אין אין	5.98 5.99 CL		/6 /6	37 <u>5</u> }
Equipment re	oq: oq oq: 14	Sample at this well:	קרט קרט appearance: t apply) Note	5.98 5.99 CL	placed item.	/6 _/6 	3753
Equipment re 2" Locking C	les collected placed:	Sample at this well:	7 70 7 70 appearance: t apply) Note of	5.98 5.99 CL	placed item.	/6 /6 Lock: Lock #0909:	
Equipment re	les collected placed:	Sample at this well:	קרט קרט appearance: t apply) Note	5.98 5.99 CL	placed item.	/6 _/6 	
Equipment re 2" Locking C 4" Locking C	les collected placed:	Sample at this well:	7 70 7 70 appearance: t apply) Note of	5.98 5.99 CL	placed item.	/6 /6 Lock: Lock #0909:	
Equipment re 2" Locking C 4" Locking C Remarks:	les collected placed: ap:	Sample at this well:	7 70 7 70 appearance: t apply) Note of	5.98 5.99 CL	placed item.	/6 /6 Lock: Lock #0909:	
Equipment re 2" Locking C 4" Locking C	les collected placed: ap:	Sample at this well:	7 70 7 70 appearance: t apply) Note of	5.98 5.99 CL	placed item.	/6 /6 Lock: Lock #0909:	
Equipment re 2" Locking C 4" Locking C Remarks:	les collected placed: ap:	Sample at this well:	7 70 7 70 appearance: t apply) Note of	5.98 5.99 CL	placed item.	/6 /6 Lock: Lock #0909:	

AE	icis environim	ental, inc.		SAMPLING	INFORMATION	ON SHEET	•
Clien	t: BEA	CON #	546		Project No	92-7	73
•	: <u>29705</u>			. Wel	! Designation		S
	HAYWI	ARD C	:A	•			
	traffic control de	*	: (NO)	YES	Setup & Takedo		hours
is tr	nere standing wat is Top of Ca	er in well box? sing cut level?	: NO : NO	(YES) (YES	(Above TOC (If NO please (Below TOC) explain in remarks	l
Height	is well cap seek of Well Casing Ri		NO 2			explain in remarks)	
General	condition of Welli	nead assembly	Excellent	(S000)	Fair	Poor (Explain	in remarks)
Purging Equ	ipment:		_2" Disposab		X	Submersible	• •
			_2" PVC baile 4" PVC baile		*************************************	_Dedicated b	ailer
		***************************************	_ PVC Dane	ar			
Sample		sposal bailer:		efion Bailer:			
	Vell Diameter	,	3"	4"	6"	8"	
Purge	Vol. Multiplier		0.367	0.653	1.47	2.61	gal/ft.
initial Measu		12.	フス Recharge Mea	surement 24	,34		
Time: <u>09:</u>	26		Time: <u>09</u>	<i>36</i> -	Calc	ulated purge:	
	all: 34.5		Depth to wa	ter: <u>23.13</u>	2	Actual purge:	8
	iter: 21.80	· · · · · · · · · · · · · · · · · · ·					,
Meter Calibr		Initial reading	Temp.	E.C.	рН	Turbidity	
Date Time		usted reading		<u></u>			
Start purge:			mpling time:	09:40	<u> </u>		1/10/03
Otali puigo.	Time	Temp.%	E.C.	pH	Turbidity	mpling Date:	11118143
	09:30	29.9	777"	6./°	Turblaity	Volume 3	
	09:31	30.1	793 05	6.1/			
	09:32	30.0	786	6-12		3	
	07.300	J	700	6-12		2	•
						<u> </u>	
1							
	t II	•	appearance: _	C L GA	<i>/</i> (
·	ies collected	-				Lock:	3757
Equipment re		(Check all tha	t apply) Note	condition of re	eplaced item.	···	
2" Locking C			ock #2357:			Lock #0909:	
4" Locking C			.ock #3753:		<u> </u>	.ock-Dolphin:	
Remarks:	14 X S	OPOR				· · · · · · · · · · · · · · · · · · ·	
							
D.T. WATE							
wales wills	EP = 5 /	GAIS			•		
		GALS.		7.7			
Signature	AM	GALS.			Review	R	

· C	icis environi	IENTAL, INC.		SAMPLING	INFORMATI	ON SHEET	
Clien	t: <u>BEA</u>	CON #	546		Project No	= 92-	773
Site	e: <u>29705</u>	MISSIL		. Wei	! Designation		
	HAYWI	ARD (CA.	-			
is ti Height	traffic control da here standing was is Top of Ga is well cap seal of Well Casing Ri condition of Well	ter in well box? using cut level? ed and locked? user (in inches)	: (NO) : (NO) : (NO) : NO : /O : Excellent	YES YES YES YES	(if NO please	Below TOC) explain in remarks explain in remarks	E)
Purging Equ		HOOL GESTILITY	2" Disposat		Fair	Poor (Expla Submersible	in in remarks)
		(1111 - 	2" PVC bail			_ Submersible Dedicated b	•
			4" PVC bail				10 1161
Sample	d with: Di	sposal bailer:	- -	Teflon Bailer:		•	
	Vell Diameter		3"	4"	6"	8"	
	Vol. Multiplier	: 0.163	0.367	0.653	1.47	2.61	gai/ft.
Initial Manage		1.6	. 43			2.01	yanı.
Initial Measur Time: 09		1	Recharge Me Time: 09:				
Denth of we	all: 25.39。	X >	Depth to wa			ulated purge:	جنت المستحد المستحدد
	ter: 22.35		Dehm to Ma	101.	•	Actual purge:	70
Meter Calibr	ation		Temp.	E.C.	ВH	Turbidity	7
Date		Initial reading				· di Didity	1
Time		usted reading					1
Start purge:	09:47	Sa	mpling time:	09:58	Se	mpling Date:	11/18/93
j	Time	Temp.0℃	- 0				-
E .		Temp.	E.C.	рH	Turbidity	Volume]
	09:49	29.6	807 ">	pH 5.99	Turbidity	Volume 4	
			60		Turbidity		
	09:49	29.6	807"	5.99	Turbidity	4	
	09:49	29.6 29.2	807" 795	5.99 6.04	Turbidity	<i>y</i> 3	
	09:49	29.6 29.2	807" 795	5.99 6.04	Turbidity	<i>y</i> 3	
QC samp	09:49	29.6 29.2 29.2 Sample	807" 795	5.99 6.04 6.06	- CCOUDY	3 3	3753
	09:49 09:50 09:51	29.6 29.2 29.2 Sample of this well:	807 "> 795 788	5.99 6.04 6.06 5 emi	- Ccoupr	3 3	3753
QC samp Equipment re 2" Locking C	oq:49 oq:50 oq:51 les collected	29.6 29.2 29.2 Sample at this well:	807 ⁵⁷ 795 788 appearance:	5.99 6.04 6.06 5 emi	- CcovOr	3 3 Lock:	3753
Equipment re 2" Locking C 4" Locking C	oq:49 oq:50 oq:51 les collected placed: ap:	29.6 29.2 29.2 Sample of this well:	807 77 795 788 appearance: apply) Note of ock #2357:	5.99 6.04 6.06 5 emi	- CCOUDY	3 3	
Equipment re 2" Locking C 4" Locking C	oq:49 oq:50 oq:51 les collected oplaced:	29.6 29.2 29.2 Sample of this well:	807 77 795 788 appearance: apply) Note of ock #2357:	5.99 6.04 6.06 5 emi	- CCOUDY	9 3 3 Lock:	
Equipment re 2" Locking C 4" Locking C	oq:49 oq:50 oq:51 les collected placed: ap:	29.6 29.2 29.2 Sample of this well:	807 77 795 788 appearance: apply) Note of ock #2357:	5.99 6.04 6.06 5 emi	- CCOUDY	9 3 3 Lock:	
Equipment re 2" Locking C 4" Locking C Remarks:	oq:49 oq:50 oq:51 les collected placed: ap:	29.6 29.2 29.2 Sample of this well: (Check all that is sparsed from the second	807 77 795 788 appearance: apply) Note of ock #2357:	5.99 6.04 6.06 5 emi	- CCOUDY	9 3 3 Lock:	
Equipment re 2" Locking C 4" Locking C	oq:49 oq:50 oq:51 les collected placed: ap:	29.6 29.2 29.2 Sample of this well:	807 77 795 788 appearance: apply) Note of ock #2357:	5.99 6.04 6.06 5 Emt	- CCOUDY	9 3 3 Lock:	

. (icis environa	gental, inc.		SAMPLING	INFORMATI	ON SHEET	7
Clien	t: BEA	TCON #	546		Project No	: 92-7	772
•		M1551		Wel	Project No Designation		
	HAYW	A	CA.				
•	traffic control de	•	: NO	YES	Setup & Taked	own time:	hours
ls ti	here standing wa Is Too of C	ter in well box? esing cut level?	: NO : NO	yes Yes	(Above TOC	Below TOC)	
	is well cap sea	ied and locked?	: NO	YES (If NO please explain in remarks) YES (If NO please explain in remarks)			
	of Well Casing R condition of Well		Excellent	Good	Fair		in in remarks)
Purging Equ		21X	2" Disposal	والمستقل المستقل	- 041	Submersible	
			2" PVC bail		4	Dedicated b	• •
			4" PVC bail	ier		_	
Sample	d with: Di	sposal bailer:		Tefion Bailer:			
V	Vell Diameter		3"	4" <u>×</u>	6"	8"	
Purge	Vol. Multiplier	0.163	0.367	0.653	1.47	2.61	gal/ft.
Initial Measu	rment	٦٦٠	43 Berhama Me	asurement 20	1.06		_
Time: 06:	-	• •	Time: <u>07</u> :			ulated purge:	41
	ell: 34.0/					Actual purge:	-
Depth to wa	iter: 16.58				•	actom bargo.	
Meter Calibr	ation		Temp.	E.C.	рН	Turbidity	1
Date		Initial reading					1
Time	_ Ad	justed reading					1
Start purge:	06:50	Sa	mpling time:	07.50	Sa	mpling Date:	11/18/97
	Time	Temp.⁰	E.C.	рH	Turbidity	Volume]
	07:04	26.7	82145	6.04		15	j
	0):20	28.1	839	6.75		15	}
İ	07:38	27-2	828	6.21		15	
ĺ							
						<u> </u>	
		Sample	appearance:	\ BM î	- CLGAR		
QC samp	les collected				Ceonic	Lock:	3753
Equipment re	placed:	(Check all tha	t apply) Note	condition of re	eplaced item.		
2" Locking C	·		ock #2357:			Lock #0909:	
4" Locking C	ap:	1			•		<u> </u>
			.ock #3753:		L	.ock-Dolphin:	
Remarks:	ap:				L	ock-Dolphin:	
Remarks:	ap:	Į			L	.ock-Dolphin:	
	ep: Has	Opor			<u> </u>	.ock-Dolphin:	
Remarks:	ep: Has	Į				.ock-Dolphin:	

	AEGIS ENVIRONA	AENTAL, INC.		SAMPLING	INFORMATI	ON SHEET	-
Clie	int: BEA	tcon #	546		Project No	· 9Z-	773
S	ite: <u>29705</u>	MISSIL	N BU		ll Designation	بعار المنتقة والمستقد	
	HAYW		CA.	_	-		
	of traffic control de		: 🐠	YES	Setup & Taked	own time:	hours
ļ ^{is}	there standing was	ter in well box? ssing cut level?	· (NO	YES	(Above TOC		
	is well cap seal		: NO : NO	(YES) (YES)		explain in remari explain in remari	
Heigi	ht of Wali Casing Ri	iser (in inches)	:		, p.0030	- 1	
Purging Ed	at condition of Well	mean assembly	Excellent 2" Disposal	(6000)	Fair	والمستوالين المستوالين	ein in remarks)
i drymy =	derbitiett.	~ * · · · · · · · · · · · · · · · · · ·	_2" PVC bail			Submersib	•
-			_2 PVC bail 4" PVC bail			_ Dedicated	Daller
)	land sudaha — — — — — — — — — — — — — — — — — —						
	led with: Di Well Diameter	sposal bailer:		Teflon Bailer			
•	vveil Diameter e Vol. Multiplier	· —	3"	4" <u>X</u>	6"	8"	
Puly	e voi. Munipier		0.367	0.653	1.47	2.61	gai/ft.
Initial Meas	urment	24	Recharge Me	asurement //	9. 85		
Time:/0		_	Time: 10:	<u> </u>	Caic	ulated purge	: 63
Depth of v	vell: 39.25		Depth to wa	iter: <u>/7.9</u>	_	Actual purge	
Depth to w	vater: 15.00						
Meter Calil	bration		Temp.	E.C.	pH	Turbidity	7
						The second secon	 {
Date		Initial reading			<u> </u>		
Date Time		Initial reading justed reading					
Time	Adj 8: <u>10:07</u>	justed reading Sa		10:35	Sa	mpling Date	: 11/18/93
Time	Adje: 10:07	justed reading Sa Temp.	mpling time: E.C.	рН	Sa Turbidity	mpling Date Volume	: <u>11/18/9</u> 3
Time	Adj 8: <u>10:07</u>	justed reading Sa	mpling time: E.C.		···		: 11/18/93
Time	Adj e: 10:07 Time 10:14 10:21	justed reading Sa Temp.	mpling time: E.C.	рН	···	Volume	: <u>11/18/9</u> 5
Time	Adje: 10:07 Time 10:14	Sal Temp.	mpling time: E.C.	pH 6.13	···	Volume 2 /	: <u>11/18/93</u>
Time	Adj e: 10:07 Time 10:14 10:21	Sal Temp. ©	mpling time: E.C. 「ひきっ」 フィック	pH 6.05	···	Volume 2 / 2 /	: <u>11/18/9</u> 3
Time	Adj e: 10:07 Time 10:14 10:21	Sal Temp. ©	mpling time: E.C. 「ひきっ」 フィック	pH 6.05	···	Volume 2 / 2 /	: <u>11/18/9</u> 3
Time	Adj e: 10:07 Time 10:14 10:21	San Temp. € 32.5	mpling time: E.C. 509 ッケ フ 18 ^{いう} 6 エ	pH 6.13 6.05 6.09	Turbidity	Volume 2 / 2 /	: <u>11/18/9</u> 5
TimeStart purge	Adj e: 10:07 Time 10:14 10:21	Sample a	mpling time: E.C. 「ひきっ」 フィック	pH 6.05	Turbidity	Volume	
TimeStart purge	Adje: 10:07 Time 10:14 10:21 10:28	Sample at this well:	mpling time: E.C. 「ロタッケーフィータントートートートートートートートートートートートートートートートートートート	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume	3753
Start purge OC sam Equipment	Time 14 10:21 10:28 pies collected	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	3753
OC sam Equipment 2" Locking	Time 14 10:21 10:28 ples collected replaced: Cap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21 appearance: t apply) Note	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3
QC sam Equipment 2" Locking 4" Locking	Pies collected replaced: Cap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3
OC sam Equipment 2" Locking	Pies collected replaced: Cap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21 appearance: t apply) Note	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3
QC sam Equipment 2" Locking 4" Locking	Pies collected replaced: Cap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21 appearance: t apply) Note	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3
QC sam Equipment : 2" Locking 4" Locking Remarks	Pies collected replaced: Cap: ap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21 appearance: t apply) Note	pH 6.13 6.03 6.09 CLEAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3
QC sam Equipment 2" Locking 4" Locking	Pies collected replaced: Cap: ap:	Sample at this well:	mpling time: E.C. 509 5 7 1805 6 21 appearance: t apply) Note	pH 6.05 6.09 CCGAN	Turbidity	Volume 2 / 2 / 2 / 2 / Lock	375-3