



ENVIRONMENTAL
REGISTRATION
ST SEP 16 09 12

September 15, 1997

Susan L. Hugo
Alameda County Department
of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda California 94502

STID 5826
9/21/97
evaluate for
closure

RE: Second Quarter, 1997

Days Inn Hotel
1603 Powell Street
Emeryville, California
WA Job #149-1262-107

Dear Ms. Hugo:

This status report satisfies the quarterly reporting requirements prescribed by California Administrative Code Title 23 Waters, Division 3, Chapter 16, Article 5, Section 2652.d for the site referenced above. A summary of activities performed in the second quarter 1997 and proposed activities for the third quarter 1997 are presented below. Attachment A includes analytic data, Table 1 includes analytic and ground water elevation data, and Figure 1 shows ground water contours.

Based on the data collected to date for this site, we believe that conditions at the site warrant consideration for case closure. Therefore, we request that the case be reviewed for closure at this time.

SECOND QUARTER 1997 ACTIVITIES

- WA measured ground water depths and collected ground water samples from the site wells. The samples were submitted to a state-certified analytical laboratory. The certified analytic report and chain-of-custody form are included as Attachment A.
- WA calculated ground water elevations and compiled the analytic data (Table 1) and contoured ground water elevations (Figure 1).

As proposed in the First Quarter 1997 Ground Water Monitoring Report, WA reviewed the site data with regards to a request for closure by comparing the most recent hydrocarbon concentrations with the historic results.

On August 15, 1997, WA spoke with Susan Hugo of the Alameda County Department of Environmental Health (ACDEH) and discussed WA's proposal that ground water monitoring at this site be discontinued and that the ACDEH review the case for closure.

WA makes this proposal based on our review of the site conditions and the body of monitoring data obtained during the ground water monitoring program. Specifically, WA has developed the following interpretations regarding the site data:

- Hydrocarbon concentrations are low and concentrations are generally declining over time;
- This trend in the data indicates that natural degradation processes are continuing to reduce hydrocarbon concentrations at the site; and
- Historically there has not been a detection of benzene above the laboratory method detection limit of 0.5 parts per billion (ppb).

Therefore, WA requests that the Alameda County Department of Environmental Health review the case for closure.

PLANNED THIRD QUARTER 1997 ACTIVITIES

- WA will contact the Alameda County Department of Environmental Health regarding the request to review the site for closure. At this time, we are not scheduling a third quarter ground water monitoring event.

Please call if you have any questions or comments.

Sincerely,
Weiss Associates



Paul M. Nuti, P.E.
Project Engineer

Attachments: Figures
Table
A – Certified Analytic Report and Chain-of-Custody Form

cc: Rodney Y. Chen, Clement Chen & Associates,
831 Montgomery Street, San Francisco, CA. 94133

PMN:all
j:\clmchen\1262\pm07q207qz.doc

11/11/11

FIGURES

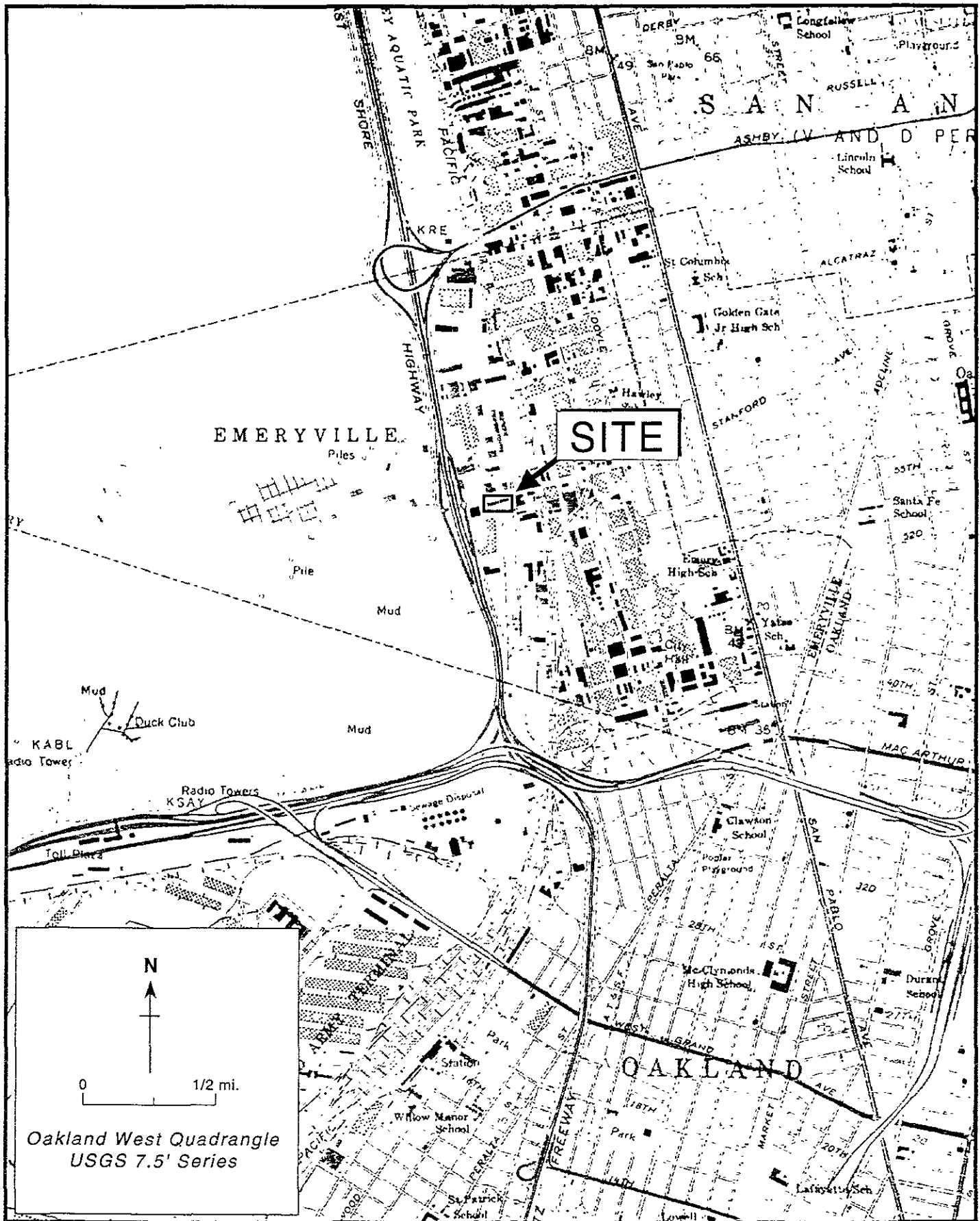


Figure 1. Site Location Map – Days Inn, 1603 Powell Street, Emeryville, California

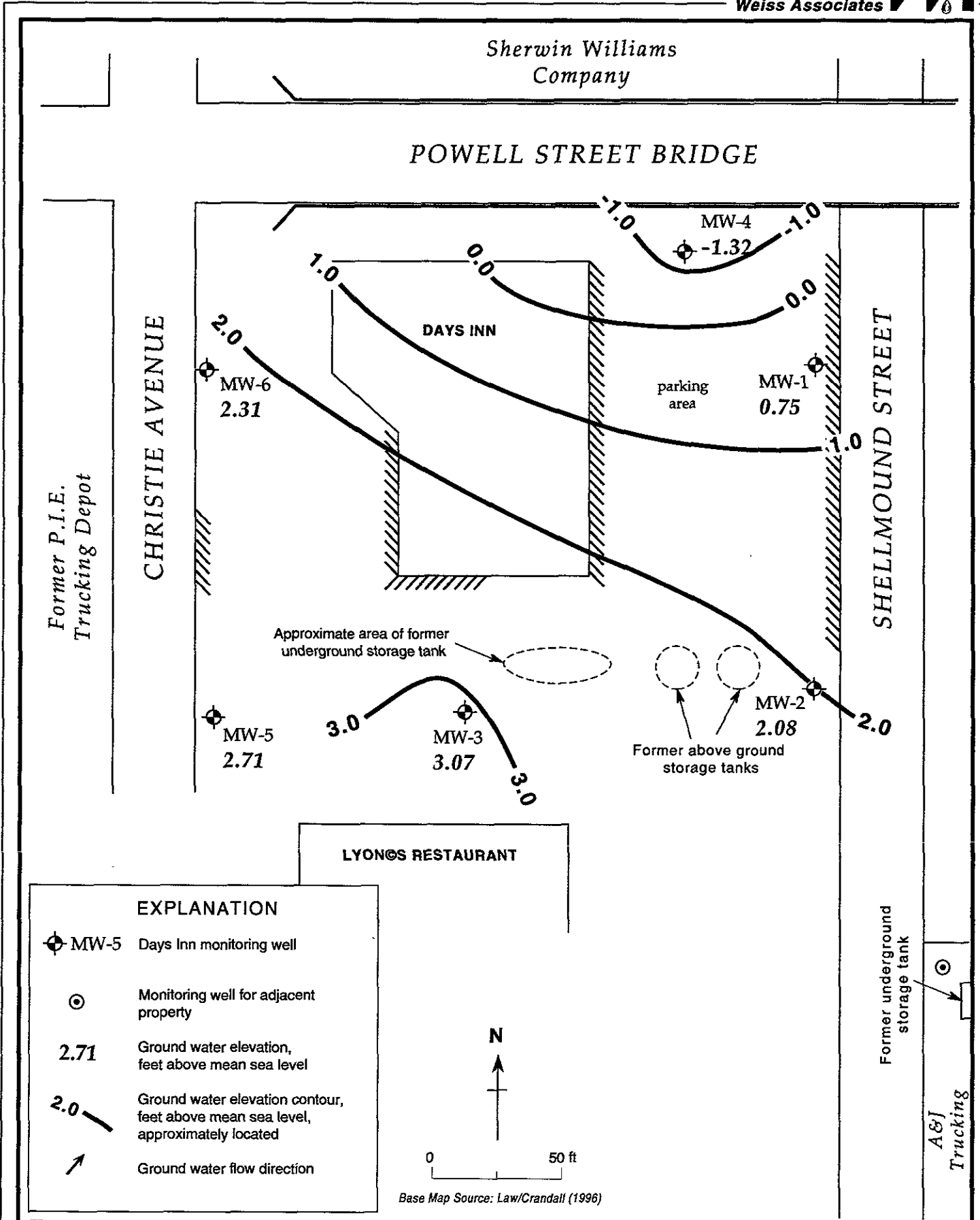


Figure 2. Ground Water Elevations - June 26, 1997 - Days Inn Hotel, 1603 Powell Street, Emeryville, California

10/10/10

TABLE

Table 1. Ground Water Elevations and Analytic Data - Days Inn, 1603 Powell St, Emeryville, California

Well ID/ TOC Elevation (ft above msl)	Sample Date	Water Depth (ft)	Ground Water Elevation (ft above msl)	parts per billion (µg/L)										PAHs		
				TDS	TPH-MO	TPH-D	TPH-G	B	T	E	X	MTBE				
MW-1 8.39	04/24/96	6.72	1.67	---	<200	660	<50	<0.5	<0.5	<0.5	<2.0	<50	f	A	F	P
	12/19/96	6.88	1.51	7,210,000	1,100 ^e	1,700 ^d	---	<0.5	<0.5	<0.5	<0.5	---	a	85	15	34
	04/11/97	6.80	1.59	---	---	320 ^d	<50	<0.5	<0.5	<0.5	0.97	<5.0	b	93	12	41
	06/26/97	7.64	0.75	---	---	370 ^h	<50	<0.5	<0.5	<0.5	1.4	---	B	47	6	25
MW-2 8.80	04/24/96	6.43	2.37	---	300	1,600	<50	<0.5	<0.5	<0.5	<2.0	<50	c	ND		
	12/19/96	5.73	3.07	1,000,000	1,800 ^e	1,600 ^d	---	<0.5	<0.5	<0.5	<0.5	---	c			
	04/11/97	6.45	2.35	---	---	370	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			
	06/26/97	6.72	2.08	---	---	470 ⁱ	<50	<0.5	<0.5	<0.5	<0.5	---	---			
MW-3 9.49	04/24/96	6.41	3.08	---	<200	580	<50	<0.5	<0.5	<0.5	<2.0	<50	c			
	12/19/96	5.14	4.35	1,870,000	1,300 ^e	1,000 ^d	---	<0.5	<0.5	<0.5	<0.5	---	c			
	04/11/97	6.32	3.17	---	---	330	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			
	06/26/97	6.43	3.07	---	---	330 ⁱ	<50	<0.5	<0.5	<0.5	<0.5	---	---			
MW-4 7.96	04/24/96	7.39	0.57	---	<200	ND	<50	<0.5	<0.5	<0.5	<2.0	<50	c			
	12/19/96	6.35	1.61	3,960,000	360 ^e	130 ^d	---	<0.5	<0.5	<0.5	<0.5	---	c			
	04/11/97	6.80	1.16	---	---	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			
	06/26/97	9.28	-1.32	---	---	<50	<50	<0.5	<0.5	<0.5	0.84	---	---			
MW-5 10.04	04/24/96	7.49	2.55	---	<200	440	<50	<0.5	<0.5	<0.5	<2.0	<50	c			
	12/19/96	6.47	3.57	1,100,000	1,800 ^e	770 ^d	---	<0.5	<0.5	<0.5	<0.5	---	c			
	04/11/97	7.33	2.71	---	---	500 ^d	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			
	06/26/97	7.33	2.71	---	---	360 ⁱ	<50	<0.5	<0.5	<0.5	<0.5	---	---			
MW-6 9.05	04/24/96	6.77	2.28	---	<200	230	<50	<0.5	<0.5	<0.5	<2.0	<50	c			
	12/19/96	6.08	2.97	2,080,000	650 ^e	490 ^d	---	<0.5	<0.5	<0.5	<0.5	---	c			
	04/11/97	6.74	2.31	---	---	88 ^d	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			
	06/26/97	6.74	2.31	---	---	120 ⁱ	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---			



Table 1. Ground Water Elevations and Analytic Data - Days Inn, 1603 Powell St, Emeryville, California (continued)

Abbreviations:

TOC = Top-of-well casing
msl = Mean sea level
TDS = Total dissolved solids by EPA Method 160.1
TPH-MO = Total petroleum hydrocarbons as motor oil by modified EPA Method 8015
TPH-D = Total petroleum hydrocarbons as diesel by modified EPA Method 8015
TPH-G = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
B = Benzene by EPA Method 8020
T = Toluene by EPA Method 8020
E = Ethylbenzene by EPA Method 8020
X = Xylenes by EPA Method 8020
MTBE = Methyl tertiary-butyl ether by EPA Method 8020
PAHs = Polynuclear aromatic hydrocarbons by EPA Method 8270
--- = Not analyzed
<n = Not detected at laboratory method detection limit of n µg/L.

Notes:

a = 93 ppb acenaphthene, 12 ppb fluoranthene, 12 ppb fluorene, 41 ppb phenanthrene, 12 ppb pyrene detected
b = 47 ppb acenaphthene, 3.8 ppb anthracene, 9.9 ppb fluoranthene, 6.0 ppb fluorene, 2.7 ppb naphthalene, 25 ppb phenanthrene, 8.0 ppb pyrene detected
c = No PAHs detected above laboratory method detection limits
d = Laboratory reported that chromatogram does not represent a standard diesel pattern
e = Laboratory reported that chromatogram does not represent a standard motor oil pattern
f = 85 ppb acenaphthene, 15 ppb fluorene, 34 ppb phenanthrene detected
g = 17 ppb acenaphthene
h = Diesel range compounds are significant; no recognizable pattern
i = aged diesel is significant

ATTACHMENT A

**CERTIFIED ANALYTIC REPORT AND
CHAIN-OF-CUSTODY FORM**



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 510-798-1620 Fax : 510-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608	Client Project ID: #149-1262-107	Date Sampled: 06/26/97
		Date Received: 06/26/97
	Client Contact: Paul Nuti	Date Extracted: 06/26/97
	Client P.O:	Date Analyzed: 06/26/97

07/07/97

Dear Paul:

Enclosed are:

- 1). the results of 6 samples from your #149-1262-107 project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

QC REPORT FOR HYDROCARBON ANALYSES

Date: 06/27/97

Matrix: Water

Analyte	Concentration (mg/L)			Amount Spiked	% Recovery		RPD
	Sample # (77919)	MS	MSD		MS	MSD	
TPH (gas)	0.0	110.4	109.7	100.0	110.4	109.7	0.6
Benzene	0.0	10.0	9.8	10.0	100.0	98.0	2.0
Toluene	0.0	10.3	10.1	10.0	103.0	101.0	2.0
Ethyl Benzene	0.0	9.7	9.8	10.0	97.0	98.0	1.0
Xylenes	0.0	29.2	29.8	30.0	97.3	99.3	2.0
TPH (diesel)	0	136	138	150	90	92	2.0
TRPH (oil & grease)	0	26.5	27.2	23.7	112	115	2.6

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR HYDROCARBON ANALYSES

Date: 06/28/97-06/29/97

Matrix: Water

Analyte	Concentration (mg/L)			Amount Spiked	% Recovery		RPD
	Sample # (77919)	MS	MSD		MS	MSD	
TPH (gas)	0.0	110.4	109.7	100.0	110.4	109.7	0.6
Benzene	0.0	10.0	9.8	10.0	100.0	98.0	2.0
Toluene	0.0	10.3	10.1	10.0	103.0	101.0	2.0
Ethyl Benzene	0.0	9.7	9.8	10.0	97.0	98.0	1.0
Xylenes	0.0	29.2	29.8	30.0	97.3	99.3	2.0
TPH (diesel)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR HYDROCARBON ANALYSES

Date: 06/30/97

Matrix: Water

Analyte	Concentration (mg/L)			Amount Spiked	% Recovery		RPD
	Sample # (77834)	MS	MSD		MS	MSD	
TPH (gas)	0.0	113.7	111.9	100.0	113.7	111.9	1.6
Benzene	0.0	10.3	10.4	10.0	103.0	104.0	1.0
Toluene	0.0	11.0	11.1	10.0	110.0	111.0	0.9
Ethyl Benzene	0.0	11.1	11.2	10.0	111.0	112.0	0.9
Xylenes	0.0	33.2	33.1	30.0	110.7	110.3	0.3
TPH (diesel)	0	132	133	150	88	89	0.4
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172

AIHA Accreditation: 11134

PAGE 1

McCAMPBELL ANALYTICAL
110 2ND AVE. SOUTH, #D7
PACHECO, CA 94553

ATTN: EDWARD HAMILTON
CLIENT PROJ. ID: 8915
CLIENT PROJ. NAME: WA-1491262107

REPORT DATE: 07/03/97

DATE(S) SAMPLED: 06/26/97

DATE RECEIVED: 06/27/97

AEN WORK ORDER: 9706405

PROJECT SUMMARY:

On June 27, 1997, this laboratory received 1 water sample(s).

Client requested sample(s) be analyzed for chemical parameters. Results of analysis are summarized on the following page(s). Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Client Services at (510) 930-9090.


Larry Klein
Laboratory Director

McCAMPBELL ANALYTICAL

SAMPLE ID: MW-1
 AEN LAB NO: 9706405-01
 AEN WORK ORDER: 9706405
 CLIENT PROJ. ID: 8915

DATE SAMPLED: 06/26/97
 DATE RECEIVED: 06/27/97
 REPORT DATE: 07/03/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
#Extraction for PNAs	EPA 3520	-		Extrn Date	06/30/97
PNAs by EPA 8270	EPA 8270				
Acenaphthene	83-32-9	17 *	10	ug/L	07/02/97
Acenaphthylene	208-96-8	ND	10	ug/L	07/02/97
Anthracene	120-12-7	ND	10	ug/L	07/02/97
Benzo(a)anthracene	56-55-3	ND	10	ug/L	07/02/97
Benzo(b)fluoranthene	205-99-2	ND	10	ug/L	07/02/97
Benzo(k)fluoranthene	207-08-9	ND	10	ug/L	07/02/97
Benzo(g,h,i)perylene	191-24-2	ND	10	ug/L	07/02/97
Benzo(a)pyrene	50-32-8	ND	10	ug/L	07/02/97
Chrysene	218-01-9	ND	10	ug/L	07/02/97
Dibenzo(a,h)anthracene	53-70-3	ND	10	ug/L	07/02/97
Fluoranthene	206-44-0	ND	10	ug/L	07/02/97
Fluorene	86-73-7	ND	10	ug/L	07/02/97
Indeno(1,2,3-cd)pyrene	193-39-5	ND	10	ug/L	07/02/97
Naphthalene	91-20-3	ND	10	ug/L	07/02/97
Phenanthrene	85-01-8	ND	10	ug/L	07/02/97
Pyrene	129-00-0	ND	10	ug/L	07/02/97

ND = Not detected at or above the reporting limit

* = Value at or above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9706405

CLIENT PROJECT ID: 8915

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

Laboratory Control Sample (LCS)/Method Spike(s): Control samples of known composition. LCS and Method Spike data are used to validate batch analytical results.

Matrix Spike(s): Aliquot of a sample (aqueous or solid) with added quantities of specific compounds and subjected to the entire analytical procedure. Matrix spike and matrix spike duplicate QC data are advisory.

Method Blank: An analytical control consisting of all reagents, internal standards, and surrogate standards carried through the entire analytical process. Used to monitor laboratory background and reagent contamination.

Not Detected (ND): Not detected at or above the reporting limit.

Relative Percent Difference (RPD): An indication of method precision based on duplicate analysis.

Reporting Limit (RL): The lowest concentration routinely determined during laboratory operations. The RL is generally 1 to 10 times the Method Detection Limit (MDL). Reporting limits are matrix, method, and analyte dependent and take into account any dilutions performed as part of the analysis.

Surrogates: Organic compounds which are similar to analytes of interest in chemical behavior, but are not found in environmental samples. Surrogates are added to all blanks, calibration and check standards, samples, and spiked samples. Surrogate recovery is monitored as an indication of acceptable sample preparation and instrumental performance.

D: Surrogates diluted out.

#: Indicates result outside of established laboratory QC limits.

QUALITY CONTROL DATA

METHOD: EPA 8270

AEN JOB NO: 9706405
 DATE EXTRACTED: 06/30/97
 INSTRUMENT: 10
 MATRIX: WATER

Surrogate Standard Recovery Summary

Date Analyzed	Client Id.	Lab Id.	Percent Recovery		
			Nitro-benzene-d ₅	2-Fluoro-biphenyl	Terphenyl-d ₁₄
07/02/97	MW-1	01	72	70	74
QC Limits:			58-109	62-133	59-135

DATE EXTRACTED: 06/30/97
 DATE ANALYZED: 07/02/97
 SAMPLE SPIKED: LCS
 INSTRUMENT: 10

Laboratory Control Sample Recovery

Analyte	Spike Added (ug/L)	Percent Recovery	RPD	QC Limits	
				Percent Recovery	RPD
Acenaphthene	100	77	3	58-139	30
Pyrene	100	82	2	40-130	30

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7
PACHECO, CA 94553

(510) 798-1620

FAX (510) 798-1622

REPORT TO: **ED HAMILTON**

BILL TO: **MAI**

PROJECT NUMBER: **8915**

PROJECT NAME: **WA-149-1202-107**

PROJECT LOCATION:

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH 24 HOUR 48 HOUR 5 DAY ROUTINE

ANALYSIS REQUEST

OTHER

EPA 601/8010	EPA 602/8020	EPA 808/8080	EPA 808/8080 - PCBs Only	EPA 824/8240/8260	EPA 825/8270	CAM - 17 Metals	EPA - Priority Pollutant Metals	LUFT Metals	LEAD (7240/7421/239.2/6010)	ORGANIC LEAD	RCI	PAHs by 8370
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COMMENTS

78040

SAMPLE ID	LOCATION	SAMPLING		# CONTAINERS	TYPE CONTAINERS	MATRIX					METHOD PRESERVED			
		DATE	TIME			WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	OTHER
MW-1		6-26-97		1	LIR	X							X	

RELINQUISHED BY: **Smilenic MAI**

DATE: **6/27/97** TIME: **11:40**

RECEIVED BY: **Deann Peters AEN**

RELINQUISHED BY: **Deann Peters AEN**

DATE: **6/27/97** TIME: **11:55**

RECEIVED BY:

RELINQUISHED BY:

DATE: TIME:

RECEIVED BY LABORATORY: **Anna Gillespie 1155** **6/27/97**

REMARKS:

OIA

10154

4706403

WA Weiss Associates
 Environmental and Geologic Services
 5500 Shellmound Street, Emeryville, CA 94608
 Phone: 510-450-6000 Fax: 510-547-5043
 AguaTierra Associates Incorporated, DBA

Please send analytic results and a copy of the signed chain of custody form to:

Paul Nuti
 Project ID: 149-1262-1097

8915 xWA7

Lab Personnel: PLEASE INCLUDE QA/QC DATA IF BOX IS CHECKED.

- 1) Specify analytic method and detection limit in report.
- 2) Notify us if there are any anomalous peaks in GC or other scans.
- 3) ANY QUESTIONS/CLARIFICATIONS: CALL US.

CHAIN-OF-CUSTODY RECORD AND ANALYTIC INSTRUCTIONS

Sampled by: DAVID CHARLES

Laboratory Name: McCampbell

78040
78041
78042
78043
78044
78045

No. of Containers	Sample ID	Container Type ¹	Sample Date	Vol ²	Fill ³	Ref ⁴	Preservative (specify)	Analyze for	Analytic Method	Turn ⁵
+ 3	MW-1	W/V	6-26-97	40 ml	N	Y	HCL	TPH-G/BTEX	8015/8020	N
+	MW-2									
+	MW-3									
+	MW-4									
+	MW-5									
↓	MW-6	↓	↓	↓	↓	↓	↓	↓	↓	↓
1	MW-1	W/A	6-26-96	1 l				TPH-DIESEL	8015-D	
	MW-2									
	MW-3									
	MW-4									
	MW-5									
	MW-6									
↓	MW-1	↓	↓	↓	↓	↓	NONE	PAH'S	8270	↓

1 David Charles 6-26-97
 Released by (Signature), Date

1 Weiss Assoc. 1320
 Affiliation

2 [Signature] 6-26-97
 Received by (Signature), Date

2 WA
 Affiliation

2 [Signature] 6-26-97 14:35
 Released by (Signature), Date

3 WA
 Affiliation

3 [Signature] 6/26/97 14:35
 Shipping Carrier, Method, Date

4 AeroSpecim Delivery
 Affiliation

3 [Signature] 6/26/97 15:20
 Released by (Signature), Date

5 AeroSpecim Delivery
 Affiliation

6 [Signature] 6/26/97 15:20
 Received by Lab Personnel, Date

6 MAE 510 798-1020
 Affiliation, Telephone

Seal intact?

1 - Sample Type Codes: W = Water, S = Soil, Describe Other; Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other;
 Cap Codes: PT = Plastic, Teflon Lined 2 = Volume per container; 3 = Filtered YY/N; 4 = Refrigerated (Y/N)
 5 Turnaround [N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)]