

Parsons Engineering Science Inc.

A Unit of Parsons Infrastructure & Technology Group

290 Elwood Davis Road, Suite 312 • Liverpoot, New York 13088 • (315) 451-9560 • Fax (315) 451-9570 • www.parsons.com

June 15, 2000

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

RE: Greyhound Terminal 2103 San Pablo Avenue Oakland, California Risk Management Plan

Dear Ms. Hugo:

On behalf of Greyhound Lines, Inc. (Greyhound), Parsons Engineering Science, Inc. (Parsons ES) is pleased to provide the Alameda County Department of Environmental Health (ACDEH) with this Risk Management Plan (RMP) for the Greyhound Terminal facility located at 2103 San Pablo Avenue in Oakland, California (Figure 1). This RMP includes a description of prohibited uses and activities, known contaminants and their characteristics, and references to key regulatory contacts. A description of known environmental impacts still remaining at the site is referenced in the closure request letter dated June 15, 2000. The RMP also addresses health and safety issue as they relate to future development scenarios.

#### Risk Management Plan

The following are stipulations and restrictions that must be followed in order to comply with all requirements of the RMP as specified by the ACDEH. The stipulations and restrictions are as follows:

- This document should be recorded in the Real Property Records of Alameda County and a copy of this RMP should be provided to the city of Oakland Planning / Building Department for its records.
- Notice of change in land use for this property should be sent to:

Alameda County Health Care Services Agency Environmental Health Services Environmental Protection (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502

#### PARSONS ENGINEERING SCIENCE, INC.

Ms. Susan Hugo ACDEH June 15, 2000 Page 2

- The shallow groundwater beneath the property should not be used for any purpose, unless analyzed and treated, as necessary, to meet applicable use requirements. If water is proposed for use, appropriate notice shall be given to the ACDEH.
- Due to the detection of residual petroleum hydrocarbons in the soil between 16 and 18 feet below ground surface within the immediate area of the former UST locations, construction site workers who may handle soils in this area during future construction activities should take appropriate precautions in accordance with applicable Occupational Health and Safety Administration (OSHA) and ACDEH requirements.
- Due to the presence of residual dissolved petroleum hydrocarbons in the groundwater, construction workers, who may handle soils in this area during future construction activities should take appropriate precautions in accordance with applicable OSHA and ACDEH requirements.
- If petroleum-impacted soil or groundwater is removed during construction activities, a management plan should be developed in accordance with all applicable regulatory requirements.
- The site shall remain entirely paved with concrete or other impermeable cover as required by current regulations.
- Additional records of all known petroleum impacts to the property, including a
  Preliminary Risk Evaluation, are available at ACDEH. The deed-restricted closure of
  this facility is based on "current use" conditions. Future development will require
  compliance with applicable regulations pertaining to the health and safety of
  construction workers, as well as long-term occupants at and in the vicinity of the
  property.

If you have any questions or require additional information concerning this Risk Management Plan, please contact us at (315) 451-9560.

Sincerely,

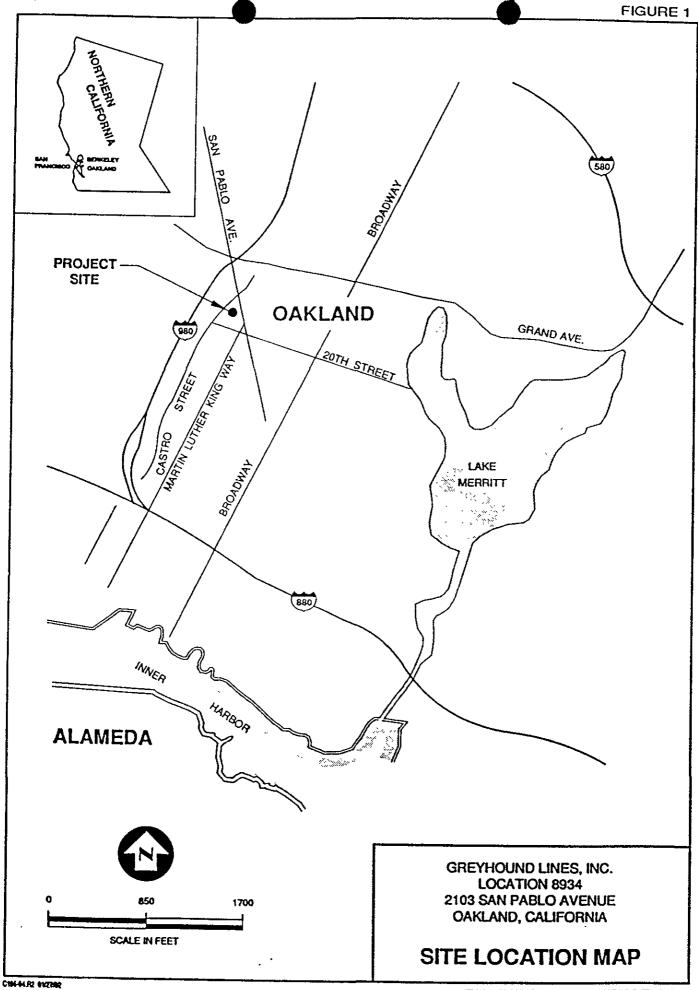
PARSONS ENGINEERING SCIENCE, INC.

Edward J. Ashton Project Geologist

D. Alan Nickerson Project Manager

cc: June Weirich, Greyhound Lines, Dallas, TX

Project File: 735102.89340



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June 15, 2000

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

RE: Greyhound Terminal

**RWQCB LUSTIS Case No. 3809** 

Oakland, California Final Closure Request

Dear Ms. Hugo:

On behalf of Greyhound Lines, Inc. (Greyhound), Parsons Engineering Science, Inc. (Parsons ES) is pleased to provide the Alameda County Department of Environmental Health (ACDEH) with this final closure request for the Greyhound Terminal facility located at 2103 San Pablo Avenue in Oakland, California. Included with this transmittal are the following final reports as requested by the Alameda County Department of Environmental Health and California Regional Quality Control Board during our meeting on September 14, 1998:

- Closure Report for No Further Action Status (including the requested Tier II evaluation of benzene in low permeability soils for the maximum site concentration detected amended to 1 x 10<sup>-5</sup> risk factor).
- Central Valley Regional Water Quality Control Board's Case Closure Checklist
- Risk Management Plan for Closure With Deed Restriction (Current Use)

Greyhound would appreciate your expedited review of these documents so that we can proceed with well abandonment. Please contact us at (315) 451-9560 if you have any questions or require additional information.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.

D. Alan Nickerson Project Manager

Attachments

cc: Mr. Chuck Headley, RWQCB

Ms. June Weirich, Greyhound, Dallas, TX

Project File: 735102.89340

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June 15, 2000

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

RE: Greyhound Terminal
2103 San Pablo Avenue
Oakland, California
Risk Management Plan

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#### PARSONS ENGINEERING SCIENCE, INC.

Ms. Susan Hugo ACDEH June 15, 2000 Page 2

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If you have any questions or require additional information concerning this Risk Management Plan, please contact us at (315) 451-9560.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.

Edward J. Ashton

Project Geologist

D. Alan Nickerson Project Manager

cc: June Weirich, Greyhound Lines, Dallas, TX

Project File: 735102.89340

SITE LOCATION MAP

# CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD CASE CLOSURE CHECKLIST

#### **Leaking Underground Storage Tank Program**

This checklist, CASE Closure letter, and the Unauthorized Release Report Form (URF) is to be retained by the Regional Board and Local Implementing Agency as documentation of release and subsequent closure action. All files and reports will be place on microfiche for review.

I. Cas	se Informat	ion						
LUSTI	S Case No.	3809	UR	F filing da	ate	Clo	osure date	
Site na	ame/county	<u>Greyhound</u>	Lines, Inc., 7	erminal /	Alameda C	County		
Site ad	ddress <u>2103</u>	San Pablo A	<u>Ave</u> Ci	ty <u>Oakla</u>	nd	Zip <u>94608</u> _Pł	hone <u>510-834-321:</u>	3
			Table 1 - F	esponsible	le Party Inf	ormation		
Respo	nsible Party		Name	· · · · · · · ·		ress, City, Zip	Phone	
	/ Owner	Greyhound Line	es, Inc., June We	eirich	One Dallas (		214-849-8842	
					350 N. St. P.	aul, Dallas, TX 75201_		
Operato	or 1							
Operato								
Operato	or 3							
II. Re	lease and S	Site Chara	cterization	Inform	ation			
Tank s	size(s) 6 Ta	anks of variou	ıs sizes	Fu	el Type(s	) diesel fuel		
	cal type(s) a							
		• • • • • •	•				halaus	
						nation (see <sup>(1)</sup> note		
	Environment	Lateral (ft)	Vertical (ft)	Conta	minant	Concentrat	iion Range	
	Soil	≈20	≈18	BTEX	!	ND to 205 mg/kg		ı
				TPH-D	•	ND to .160 mg/kg		
	Groundwater	≈40	≈30	MTBE		ND to 350 ug/l		
				BTEX		ND to 4840 ug/l		
				TPH-G		ND to 31 mg/l		
		1		TPH-D		ND to 484 mg/l		
		<u> </u>		PAHs		ND to 4343 ug/l		
						uvial deposits & old		
	of drinking v						ility District (EBMUL	<u> </u>
	nearby well	•	•		•			-
							located within sect	
							<u>oundwater at comn</u>	nercial/
						e used for municipa	ıı water suppiles.	
Highe	st and lowe	st depths to	o groundwa	iter <u>18' to</u>	o 22' below	surface (bgs)		
	nal groundwa							
	_		ty Control Pl	lan (Basii	n Plan) ac	juifer affected (se	e attached)	
NA	- No aquifer at	fected.					·	
Notes		t A for groundy	vater summary	table of ana	alytical resul	ts collected to date an	nd figures depicting an	nalytical

NA - Non Applicable

results, and summary table for soil analytical results provided.

Surface water impacted? Yes No _X_												
Name of sur	rface wa	ater body a	ffected <u>/</u>	VA								
Closure Do	cumen	tation, Gr	eyhound	Termina	formation co il Oakland, ( <u>n removal of s</u>	CA," dated	Decembe		s, "Tank			
					troleum contai		1000)		<del></del>			
					ry, Bakersfield							
		-			ition range ar		cubic vard	ls or meter	rs)			
SEE NOTE		•										
			nented cor	ntaminant e	concentrations	in soil before	and after	cleanup	NA.			
Contaminant	Method	Before	After	Depth	Contaminant	Method	Before	After	Depth			
	Used	(mg/kg)	(mg/kg)	(ft)		Used	(mg/kg)	(mg/kg)	(ft)			
TPH (Gas)	NA	NA	NA	NA	Benzene	8020	ND	NA	≈15-25.5			
TPH (Diesel)	8015	0.160	NA	≈26-26.5	Toluene	8020	27.0	NA	≈16-18			
Other Fuel	NA	NA	NA	NA	Ethylbenzene	8020	28.0	NA	≈16-18			
Heavy metals	NA	NA	NA	NA	Xylene	8020	150	NA	≈16-18			
Other	NA	NA	NA	NA	Other	NA	NA	NA	NA			
IV. Groun												
IV. Groundwater Remediation Information  Groundwater remediation method(s) <u>Free product recovery/total fluid pumping system with phase separation and carbon treatment</u>												
				5 gallons o	of phase sena	rated hydroc	arbons an	d aroundw	ater were			
Volume treated and/or removed <u>1,015 gallons of phase separated hydrocarbons and groundwater were</u> removed and 82,610 gallons of petroleum-impacted groundwater was treated and discharged to the sanitary												
sewer under a permit issued by the East Bay Municipal Utility District.												
If contamination is remaining, describe concentration range and volume (gallons or liters)												
					ons based on				. (2)			
Table IV – N	/laximum	documente	ed contami	nant conc not	entrations in gr e below)	roundwater b	efore and a	after cleanu	ıp (see (²/			
Contaminant	Method Used	Before (mg/l)	After (mg/l)	Depth (ft)	Contaminant	Method Used	Before (mg/l)	After (mg/l)	Depth (ft)			
TPH (Gas)	8015	1.5	31	≈30	Benzene	8020	0.810	0.310	≈16-22			
TPH (Diesel)	8015	950	484	≈30	Toluene	8020	1.80	0.600	≈16-22			
Other Fuel	NA	NA	NA	NA	Ethylbenzene	8020	0 430	0.370	≈16-22			
Heavy metals	NA	NA	NA	NA	Xylene	8020	1.80	1.90	≈16-22			
Other <u>PAHs</u>	8310	0.2203	4.34	≈30	Other				<u> </u>			
V. Closur	е											
Does Regi	onal Bo	oard conc	ur with cl	osure?	Y	es	_ No					
									·····			
					<u></u>							
Location or reports on file (Agency/Room)												
Location o	r report	s on file (	Agency/H	Com)			Dh	000				
County	ard Off	ice		Staff Pe	rson rson		F1% Ph	one				
Notes:												
(1) No estim	ate of re	maining vol	ume of res	idual soil s	contamination	was prepared tremediation	i, based or be conduct	n the recom ted at the si	mendation te.			
(2) Refer to	presented in the supplemental site assessment report that no soil remediation be conducted at the site.  (2) Refer to Attachment A for groundwater summary table of analytical results collected to date and figure depicting analytical results. No summary table for soil analytical results provided.											
	depicting analytical results. No summary table for soil analytical results provided. NA – Non Applicable											

# ATTACHMENT A ANALYTICAL SUMMARY

PAGE 1

Date	Location	Matrix	MTBE	Benzene	Toulene	-	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
7/08/92	BC02	WATER	<b>3.17</b> 3	NTO	NTD.	ND	0 4				
			TAY.	ND	ND	ND	8.4	8.4	2.1	NA	NA
7/08/92		WATER	NA	ND	2.5	ND	6.1	8.6	3.9	NA	NA
7/08/92		WATER	NA	54	21	48	34	157	1.3	NA	NA
7/08/92	ES-04	WATER	NA	31	5.6	ND	2.8	39.4	ND	NA	NA

PAGE 2

8934 OAKLAND CA TERMINAL

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
10/06/92			NA	ND	1.1	0.9	7.2	9.2	ND	NA	NA
10/06/92			NA	ND	1.9	0.5	1.8	4.2	0.8	NA	NA
10/06/92			NA	93	18	ND	11	122	ND	NA	NA
10/06/92	ES-04	WATER	AN	100	8.2	NÐ	7.6	115.8	ND	NA	NΔ

AGE

PAGE 3

Date	Location	Matrix	MTBE	Benzene	Toulene		Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
1/07/93 1/07/93 1/07/93	BC-03 ES-03		NA NA NA	ND ND 52	1.1 ND 49	1.5 ND 100	9.5 ND 250	12.1 ND 451	ND ND ND	NA NA NA	NA NA NA
1/07/93	ES-04	WATER	NA	30	6.7	7.7	16	60.4	ND	NA	NΔ

CA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
4/06/93	BC-02	WATER	NA	ND	ND	ND	ND	ND	0.13	ND	NA
4/06/93		WATER	NA	ND	ND	ND	ND	ND	0.12	ND	NA
4/06/93		WATER	NA	53	ND	67	78	198	0.51	4.5	NA
4/06/93	ES-04	WATER	NA	33	2.3	1.9	4.7	41.9	ND	0.36	NA

4

PAGE

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes		TPH diesel	TPH gasoline	Total PAHs
7/23/93	ES-03	WATER	NA	28	5.9	4.6	4.6	43.1	0.06	1500	NA
7/23/93	ES-04	WATER	NA	24	1.1	0.07	8.3	33.47	ND	ND	NA
7/23/93	ES-06	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/23/93	ES-07	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/23/93	ES-08	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/23/93	ES-09	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/23/93	ES-10	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/23/93	ES-11	WATER	NA	ND	0.7	ND	1.2	1.9	ND	ND	NA

Ethyl-Total Total TPH TPH Total Location Matrix MTBE Benzene Toulene benzene Date Xylenes Btex diesel gasoline PAHs 10/07/93 BC-02 WATER NA ND ND ND ND ND 1.4 NA NA 10/07/93 BC-03 WATER NDNAND 1.0 2.0 3.0 1.4 NA NA 10/07/93 ES-03 WATER 2.0 1.0 NA ND 2.0 5.0 NDNANA 10/07/93 ES-04 WATER 8.0 NA ND 2.0 ND 10.0 ND NA NA 10/07/93 ES-06 WATER NΑ 1.0 NDNDND ND ND NΑ NA 10/07/93 ES-07 WATER ND NAND ND ND NDNA ND NA 10/07/93 ES-08 WATER NA ND ND NDNDND ND NA NA 10/07/93 ES-09 WATER NAND ND NDND ND NDNA NA10/07/93 ES-10 WATER ND ND NAND NDND NA ND NA 10/07/93 ES-11 WATER ND NA ND ND ND NA ND ND NA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
1/05/94		WATER	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/05/94		WATER	NA	ND	ND	ND	1.6	1.6	1.8	ND	NA
1/05/94		WATER	NA	13	2.0	7.0	5.0	27	NA	0.53	NA
1/05/94		WATER	NA	15	0.6	0.4	3.0	19	ND	0.13	NA
1/05/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/05/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/05/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND .	NA
1/05/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/05/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/05/94	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
4/07/94		WATER	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/07/94		WATER	NA	ND	ND	ND	ND	ND	0.85	ND	NA
4/07/94		WATER	NA	10	9	26	34	79	0.91	0.85	NA
4/07/94		WATER	NA	11	ND	ND	ND	11	ND	0.17	NA
4/07/94		WATER	NA	ND	ND	ND	ND	ND	ND	0.16	NA
4/07/94		WATER	NA	ND	ND	ND	ND	ND	0.10	0.11	NA
4/07/94	ES-08	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/07/94	ES-09	WATER	NA	ND	ND	ND	ND	ND	ND		
4/07/94	ES-10	WATER	NA	ND	ND	ND	ND			ND	NA
4/07/94		WATER	NA			<del></del> · <del></del>		ND	ND	ND	NA
1, 0, 1, DI	TT . TT	HWITEK	1414	ND	ND	ND	ND	ND	0.35	ND	NA

8

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
7/13/94		WATER	NA	NA	NA	NA	NA	NA.	NA	NA	NA
7/13/94		WATER	NA	ND	ND	ND	ND	ND	0.20	ND	NA
7/13/94		WATER	NA	2.0	0.9	0.8	3.0	6.7	0.28	0.37	NA
7/13/94		WATER	NA	9.0	ND	ND	0.7	9.7	ND	0.13	NA
7/13/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/13/94		WATER	AN	ND	ND	ND	ND	ND	ND	ND	NA
7/13/94		WATER	NA	ND	ND	ND	ИD	ИD	NA	ИD	NA
7/13/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/13/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/13/94	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
10/06/94		WATER	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/06/94		WATER	NA	ND	ND	ND	ND	ND	0.82	ND	NA
10/06/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/06/94		WATER	NA	18.0	ND	2.0	3.0	23.0	ND	0.10	NA
10/06/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/06/94		WATER	AN	ND	ND	ND	ND	ND	ND	ND	NA
10/06/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/06/94		WATER	NA	ND	ND	ИD	ND	ИD	ИD	ND	NA
10/06/94		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA.
10/06/94	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

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Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
1/13/95	BC-02	WATER	NA	ND	ND	ND	ND	ND	1.1	ND	NA
1/13/95	BC-03	WATER	NA	ND	ND	ND	ND	ND	0.89	ND	NA
1/13/95		WATER	AИ	19	15	72	88	194	1.1	1.6	NA
1/13/95		WATER	NA	12	ND	ND	2	14	ND	0.15	NA
1/13/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/13/95	ES-07	WATER	AN	ND	ND	ND	ND	ND	ND	ND	NA
1/13/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND ·	NA
1/13/95	ES-09	WATER	NA	ND	ND	ND	ND	ND	1.1	ND	NA
1/13/95	ES-10	WATER	AN	ND	ND	ND	ND	ND	ND	ND	NA
1/13/95	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
4/11/95	BC-02	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA NA
4/11/95		WATER	NA	20	7	36	22	85	0.39		NA
4/11/95		WATER	NA	39	4	12	24	79	ND	0.18	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
4/11/95	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	0.17	NA

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Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
7/06/95		WATER	NA	ND	ND	ND	ND	ND	0.29	ND	NA
7/06/95		WATER	NA	ND	ND	ND	ND	ND	0.38	ND	NA
7/06/95		WATER	NA	6	ND	7	ND	13	1.2	0.24	NA
7/06/95		WATER	NA	100	10	26	61	197	0.16	0.60	NA
7/06/95		WATER	NА	ND	ND	ND	2	2	ND	ND	NA
7/06/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/06/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/06/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/06/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/06/95	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
10/05/95		WATER	NA	1	ND	ND	1	2	1.5	ND	NA
10/05/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95		WATER	NA	2	2	ND	ND	4	0.11	ND	NA
10/05/95		WATER	NA	210	16	71	84	381	0.17	1.2	NА
10/05/95		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95	ES-07	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95	ES-08	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95	ES-09	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95	ES-10	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
10/05/95	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene	-	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
1/05/96		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
1/05/96		WATER	NA	34	ND	5	4	ND	ND	0.12	NA
1/05/96	ES-06	WATER	NA.	ИD	ND	ND	ИD	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene		Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
4/09/96	ES-03	WATER	NA	ND	ND	ND	ND	ND	0.12	NA	NA
4/09/96	ES-04	WATER	NA	57	3	17	19	96	ND	NA	NA
4/09/96	ES-06	WATER	NA	ND	ND	ND	ND	ND	0.22	NA	NA

CA

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
7/09/96		WATER	NA.	ND	ND	ND	ND	ND	ND	ND	NA
7/09/96		WATER	NA	43	4.6	21	17	85.6	ND	0.22	NA
7/09/96		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/09/96		WATER	NA	ND	ND	ND	ND	ND	ND		NA
7/09/96		WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA
7/09/96	ES-11	WATER	NA	ND	ND	ND	ND	ND	ND	ND	NA

Date	Location	Matrix	MTBE	Benzene	Toulene		Total Xylenes		TPH diesel	TPH gasoline	Total PAHs
10/08/96 10/08/96 10/08/96	ES-04	WATER	NA NA NA	ND 110 ND	ND 4.4 ND	ND 42 ND	ND 39 ND	ND 195.4 ND	ND ND ND	ND 0.86 ND	NA NA NA

.

Date	Location	Matrix	MTBE	Benzene	Toulene		Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
1/16/97 1/16/97		WATER WATER		ND	ND	ND	ND	ND	ND	0.051	NA
1/16/97		WATER		4.6 ND	ND ND	ND ND	0.56 ND	ND ND	ND ND	0.059 ND	NA NA

	_			Total PAHs
4/17/97 ES-3 WATER ND ND ND ND NI 4/17/97 ES-4 WATER ND 87 11 49 24	ID ND ND S5 180.3 ID ND S40 800 ID ND S4 171 8000 2970 ID ND ID ND	0.05 ND ND 1.8 0.12 0.10 1.6 0.12 0.06	ND ND 1000 ND 3800 ND ND 2400 ND	NA N

Date	Location	Matrix	MTBE	Benzene	Toulene	Ethyl- benzene	Total Xylenes	Total Btex	TPH diesel	TPH gasoline	Total PAHs
7/15/97 7/15/97		WATER WATER	100 ND	520	130	170	290	1110	95	11000	203
7/15/97		WATER	ND	ND ND	ND ND	ND ND	ND ND	ND ND	0.68 0.49	ND ND	ND ND
7/15/97 7/15/97		WATER WATER	81 ND	190 ND	140 ND	73 ND	250	653	16	3700	194
7/15/97		WATER	ND	110	11	42	ND 40	ND 203	0.17 0.37	ND 920	ND 18.40
7/15/97	ES-6	WATER	ND	ND	ND	ND	ND	ND	0.06	ND	ND

8934 OAKLAND CA TERMINAL

						Ethyl-	Total	Total	TPH	TPH	Total
Date	Location	Matrix	MTBE	Benzene	Toulene	benzene	Xylenes	Btex	diesel	gasoline	PAHs
7/16/1997	ES - 1	WATER	ND	76	8.2	11	25	120.2	1.2	960	13.64
7/16/1997	ES - 5	WATER	350	810	1800	430	1800	4840	15	27000	215.6

8934 OAKLAND CA TERMINAL

						Ethyl-	Total	Total	TPH	TPH	Total
Date	Location	Matrix	MTBE	Benzene	Toulene	benzene	Xylenes	Btex	diesel	gasoline	PAHs
10/7/1997	BC - 1	WATER	ND	310	600	370	1900	3180	484	31000	4343
10/7/1997	BC - 2	WATER	ND	ND	ND	ND	ND	ND	0.92	ND	ND
10/7/1997	BC - 3	WATER	ND	ND	ND	1.9	1.5	3.4	1.34	51	ND
10/7/1997	ES - 1	WATER	14	49	3.4	11	23	100.4	2.77	1700	9.92
10/7/1997	ES - 2	WATER	ND	190	46	46	70	352	8.04	7200	99.26
10/7/1997	ES - 3	WATER	ND	ND	ND	ND	ND	ND	0.205	ND	ND
10/7/1997	ES - 4	WATER	ND	11	ND	2.8	2.3	16.1	0.101	120	2.4
10/7/1997	ES - 5	WATER	ND	260	470	160	590	1480	6.51	15000	423.6
10/7/1997	ES - 6	WATER	ND	ND	ND	ND	ND	ND	ND	ND	ND

### **FIGURES**

