BASELINE

EMVIRONMENTAL PROTECTION

ENVIRONMENTAL CONSULTINU PH 1:58

6 March 1995 92404-F0

Mr. Andrew Clark-Clough City of Oakland Environmental Services 1333 Broadway Suite 330 Oakland, CA 94612

Subject: Report on Quarterly Groundwater Monitoring at 2662 Fruitvale Avenue, Oakland,

California

Dear · Andrew:

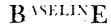
This report documents the December 1994 groundwater sampling event performed at the City of Oakland's property located at 2662 Fruitvale Avenue in Oakland, California (Figure 1). The purpose of the groundwater monitoring is to identify any changes in shallow groundwater quality at the site.

Background

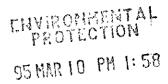
A Phase I site assessment conducted at the site indicated that a service station, which included an auto repair facility, was present on the site from the 1940s to the 1980s. In 1983, the City of Oakland purchased the site from Texaco. The site was subsequently rented for use as a produce stand and Christmas tree sales lot.

In January and August 1993, BASELINE performed soil and groundwater investigations at the site. The results of these investigations identified the presence of petroleum hydrocarbons at varying concentrations in the soil throughout the site. The groundwater investigation which included installation of three monitoring wells (MW-F1, MW-F2, and MW-F3) indicated that groundwater quality beneath the site was not significantly impacted. Following the completion of these investigations, the City of Oakland demolished the structures on-site.

In September, 1994, BASELINE installed a fourth monitoring well, MW-F4, and five soil borings on-site, and two well points, HP-F1 and HP-F3, off-site. Petroleum hydrocarbons were detected in the groundwater samples from MW-F4, HP-F1, and HP-F3. Oil and grease were detected in soil samples collected in the vicinity of a former sump location. An off-site well, MW-13, installed by others to investigate a release of petroleum hydrocarbons at 2681 Fruitvale Avenue, was monitored. Approximately 0.5 feet of floating product was identified by BASELINE in this well following purging of the well.



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Groundwater Sampling Activities, December 1994

Groundwater samples were collected from monitoring wells MW-F1, MW-F2, MW-F3, MW-F4, and the off-site well, MW-13, on 21 December 1994 (Figure 2). The presence of floating product was checked and water levels were measured in each of the wells using a dual-interface probe prior to sampling activities. The probe was decontaminated by washing in a trisodium phosphate solution and rinsing in deionized water. Approximately 0.25 inch of product was detected in MW-13. Floating product was not detected in any on-site wells. Approximately three to five well volumes were slowly purged from each well using a double-diaphragm pump and new disposable polyethylene tubing. The temperature, pH, and electrical conductivity of the groundwater were monitored during purging until they appeared to have stabilized. Water levels were measured again following purging. All decontamination rinsate and purged groundwater were stored on-site in sealed drums pending laboratory analysis.

A new disposable PVC bailer was used to collect a groundwater sample from each well. The samples were decanted from the bailer using a volatile organic compound (VOC) attachment to minimize volatilization into 40-ml glass VOA sample bottles provided by the laboratory. The sample bottles were labeled, placed in a cooler containing ice, and transported using chain-of-custody procedures to Curtis & Tompkins, Ltd., a California certified laboratory. The groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline and benzene, toluene, xylenes, and ethyl benzene (BTXE). Groundwater sampling forms that document the December 1994 sampling activities are included as Attachment A.

Analytical Results

TPH as gasoline and BTXE were not identified in the groundwater sample collected from monitoring well MW-F1. Low concentrations of TPH as gasoline were detected in samples from MW-F2 (0.096 mg/L) and MW-F3 (0.13 mg/L). TPH as gasoline was detected in samples from MW-F4 (37 mg/L) and MW-13(3.3 mg/L). The sample from MW-F3 also contained toluene (0.0013 mg/L) and the samples from MW-F4 and MW-13 contained detectable volatile organic compounds. The analytical results are summarized in Table 1; the laboratory report for the December 1994 sampling event is included in Attachment B.

Groundwater Flow Direction and Gradient

The depth to groundwater measured in December 1994 in the four on-site monitoring wells ranged from 8.0 to 10.34 feet below ground surface. The direction of groundwater at the site was calculated to be toward the southwest (\$47W), with a gradient magnitude of 0.028. Groundwater elevation data and calculated flow directions are summarized in Table 2 and shown on Figure 2.

BASELINE

Mr. Andrew Clark-Clough 6 March 1995 Page 3

Conclusions

- The groundwater quality at the southwestern corner of the site has been impacted by a release of gasoline. The concentration of petroleum hydrocarbons detected in samples from MW-F4 increased significantly since the last sampling period. The increase in petroleum hydrocarbons may be related to increased groundwater elevation. The raised groundwater level may place groundwater in contact with soils containing elevated concentrations of petroleum hydrocarbons.
- Floating product has been identified for a second consecutive monitoring event at the offsite well MW-13, downgradient of the project site. The detection of floating products confirms the presence of a thin layer of non-aqueous phase liquid on the groundwater.

Recommendations

- Petroleum hydrocarbons have not been detected in groundwater samples from MW-F1
 for the past four monitoring periods. We recommend discontinuing collecting samples
 from this well. However, the well should continue to be used as a monitoring point for
 water level data.
- Quarterly groundwater sampling should be continued at MW-F2, MW-F3, MW-F4, and .
 MW-13 to monitor changes in groundwater quality and the thickness of floating product in MW-13.
- As previously recommended, two additional groundwater monitoring wells should be installed downgradient of MW-13 to assess the extent of gasoline downgradient of the site. Installation of the wells should occur in March 1995 to coincide with the next quarterly monitoring event.

Copies of this report should be submitted to Mr. Barney Chan of the Alameda County Department of Environmental Health and Mr. Richard Hiett of the San Francisco Bay Regional Water Quality Control Board. Please contact us at your convenience if you have any questions regarding this report.

Sincerely.

Yane Nordhav

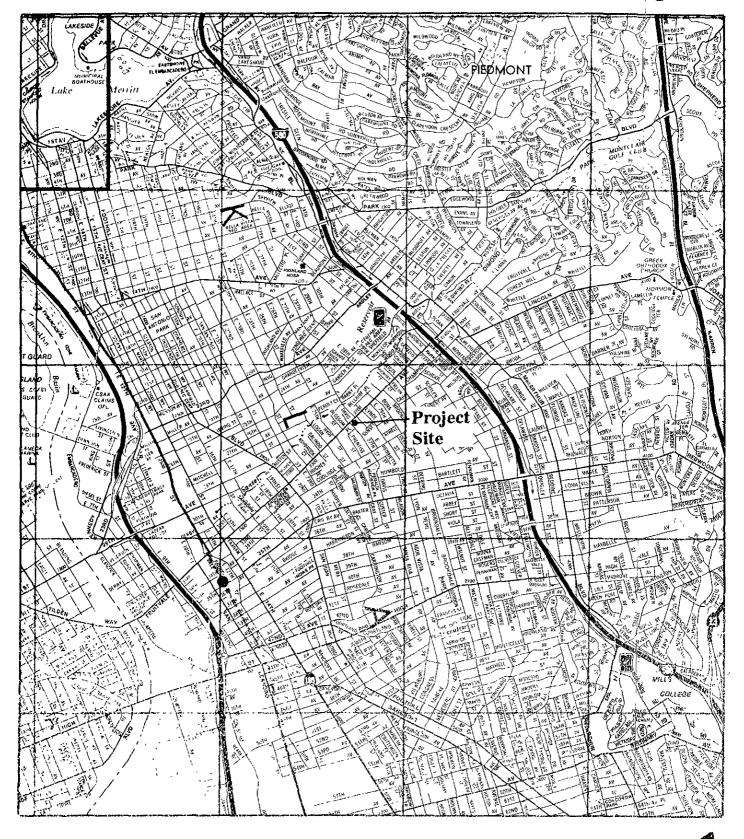
Principal Reg. Geologist No. 4009 Kevin O'Dea Senior Geologist

Kenu O'Day)

YN/KOD/dh Attachment

REGIONAL LOCATION

Figure 1

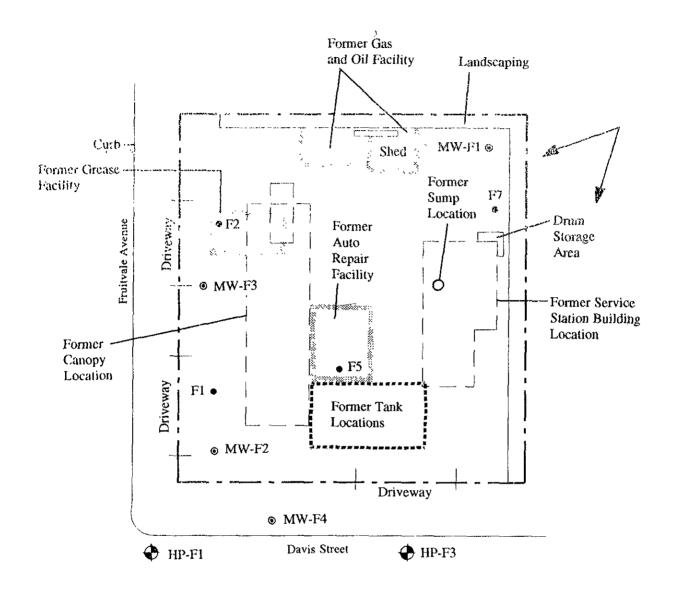


2662 Fruitvale Avenue Oakland, California



3000 Feet

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MW-13 ⊚

Legend

FI • Soil Boring Water Sample Location

MW-F2
Monitoring Well Location

2662 Fruitvale Avenue

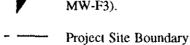
Oakland, California

4

HP-F1

Temporary Well Location

Range of calculated groundwater flow directions between 8/93 - 12/94 (Based on water level elevations measured in MW-F1, MW-F2, and MW-F3).





30 Feet

BASELINE

TABLE 1

SUMMARY OF ANALYTICAL RESULTS, GROUNDWATER
2662 Fruitvale Avenue
Oakland, California

(mg/L)

Sample Location	Sample Date	TPH as Gasoline ¹	TPH as Motor Oil²	Benzene ³	Toluene ³	Ethyi- benzene ³	Vulas - 3
Monitoring Wells					200000	Delizerie	Xylenes ³
MW-F1	08-16-93 ⁴ 06-29-94 09-09-94 12-21-94	<0.05 <0.05 <0.9 <0.05	<0.5	<0.002 <0.0005 <0.0009 <0.0005	<0.002 <0.0005 <0.0009 <0.0005	<0.002 <0.0005 <0.0009 <0.0005	<0.002 <0.0005 <0.0009 <0.0005
MW-F2	08-16-93 ⁴ 06-29-94 09-09-94 12-21-94	<0.05 <0.05 <0.9 0.096	<0.5 	<0.002 <0.0005 <0.0009 <0.0005	<0.002 0.0011 <0.0009 <0.0005	<0.002 <0.0005 <0.0009 <0.0005	<0.0003 <0.0002 <0.0005 <0.0009 <0.0005
MW-F3	08-16-93 ⁴ 06-29-94 09-09-94 12-21-94	0.1 <0.05 <0.9 0.13	<0.5 	<0.002 <0.0005 <0.0009 <0.0005	<0.002 0.0029 <0.0009 0.0013	<0.002 <0.0005 <0.0009 <0.0005	<0.0003 <0.0002 <0.0005 <0.0009 <0.0005
MW-F4	09-09-94 12-21-94	3.4/3.5 37		0.029/0.028 0.66	0.0030/0.0028 <0.1	0.038/0.033 2.3	0.094/0.099
Off-Site Well					70.1	4.J	5.9
MW-13	12-21-94	3.3		0.33	<0.013	0.024	0.24

Table 2 - Summary of Analytical Results, Groundwater (continued)

Sample Location	Sample Date	TPH as Gasoline ¹	TPH as Motor Oil²	Benzene ³	Toluene ³	Ethyl- benzene³	Xylenes ³
Soil Borings					•		
F1 ⁵ F2 ^{5,6} F5 F7	1-20-93 1-20-93 1-20-93 1-20-93	13 6.8 <0.05 <0.05	<0.5 <0.5 <0.5	0.610 0.011 	<0.018 <0.002	0.830 0.016 	0.046 < 0.002
Hydropunch							
HP-F1 HP-F3	9-09-94 9-09-94	26 0.21 .	 	0.46 0.0009	0.16 0.0007	1.5 0.0049	4.4 0.02

Notes: $\langle x.x = Compound not identified above reporting limits.$

x.x = Bold values indicate compound identified above reporting limits.

x.x/x.x = Analytical testing results for duplicate samples.

-- = Compound not analyzed.

TPH = Total Petroleum Hydrocarbons.

Sample locations are shown on Figure 2.

Laboratory reports for December 1994 groundwater analyses are included in Attachment B.

- ¹ Test Method = EPA 5030/8015.
- ² Test Method = EPA 3510/8015.
- Test Method = EPA 602 or 624.
- Sample also analyzed for volatile organic compounds (EPA 624); none detected above reporting limit.
- Sample also analyzed for Title 26 metals; all metal concentrations less than STLC.
- Sample contained trans-1,3-dichloropropene.

TABLE 2

GROUNDWATER ELEVATION DATA AND GRADIENT DETERMINATION 2662 Fruitvale Avenue, Oakland, California

		тос	Depth to	Groundwater	Groundwa	ter Gradient	
Monitoring Well	Date	Elevation (feet) ¹	Groundwater (feet)	Elevation (feet) ¹	Direction	Magnitude	
MW-F1	08/16/93	104.41	11.13	93.28	S88W	0.025	
	06/29/94		10.38	93.53	N87W	0 026	
	09/09/94		11.56	92.85	S82W	0.03	
	12/21/94		8.96	95.45	S47W	0.028	
MW-F2	08/16/93	102.22	12.15	90.07			
	06/29/94		11.74	90.48			
	09/09/94		12.21	90.01			
	12/21/94		10.34⁴	91.88			
MW-F3	08/16/93	102.42	11.99	90.43			
	06/29/94		11.40	91.02			
	09/09/94		12.39	90.03			
	12/21/94		9.32	93.10			
MW-F4	09/09/94	101.56	11.21	90.35			
	12/21/94		8.00	93.56			
MW-I3 ²	9/09/943	101.20	12.27	88.93			
	12/21/94		9.32	91.92			

Elevations are presented as feet above City of Oakland datum.

²Monitoring well installed by Resna for investigation of 2681 Fruitvale Avenue.

³Free product detected by dual interface probe.

⁴Groundwater level had not completely stabilized prior to measurement.

⁵Approximately 0.25 inch free product detected.

ATTACHMENT A GROUNDWATER SAMPLING FORMS

GROUNDWATER SAMPLING

Project no.:		92404-D0	_ Well no.:	MW-F	1	Date: 12/21/94
Project name:		Fruitvale Avenue	Depth of wel	ll from TOC (feet):	25.11	
Location:		2662 Fruitvale Avenue	Well diamete	er (inch):	2	
·		Oakland, CA	Screened into	erval from TOC (feet)	: 8.5-25.11	
Recorded by:		WKS	TOC elevation			of Oakland datum)
Weather:		Sunny	_	from TOC (feet):	8.96	Time 8:27
Precip in past			_	from TOC (feet):	None	Time 8:27
5 days (inch):		None	Water level	• •	Dual interfac	
VOLUME OF	F WATER 1	O BE REMOVED BEFO	RE SAMPI IN	3∙		
		ft) - (8.96 ft)] × (0.083)			б gallons in one	e well volume
		Water level Well radi	-		gallons in 5 v	
	•				total gallons	1
CALIBRATIO	ON:					
	∵. 1.		Temp		EC	
		Time	(°C)	<u>pH</u>	(µmho/cm)	
	on Standard:		12.5	7.00-10.01	1,000	
Before Purging			12.5	7.00-10.01	900	
A	fter Purging:	11:56	13.3	6.93-10.10	900	
FIELD MEAS	SUREMEN'	г s :				
				Cumulative		
	Temp		EC	Gallons		
<u>Time</u>	· (*_C)	<u>pH</u>	(umho/cm)	Removed		Appearance
8:54	17.1	6.96	280	1.5		Clear
9:02	17.1	6,91	470	2.5		Clear
9:10	12.2	6.85	450	5		Clear
9:15	17.3	6.88	420	7.5		Clear
9:20	17.6	6.86	450	10.5		Clear
9:24	17.4	6.84	450	13.5		Clear
Water laws 1 - 0	V	adama and the control	(1 A41			6 94
water tevel at Appearance of		orior to sampling (feet): Clear	8.97			Time 12:05
Duplicate/blan	•	None			والمتفهورين ليهم وارامي والخاطب والمشاط والمتعجبة المراجع المهار والمتعارفين والمتعارف الأ	Time 12:10 Time
Purge method:		Double disphragm pump	والمتعادية المتعادية المتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية والمتعادية وا	معتب معتبر المستعدد والمستوارية والمستوان والمستوارية المستوارية والمستوارية والمستوارية المستوارية المستوارية		A ILLES
Sampling equi		Disposable PVC bailer		VOC attachment:	Head for VCVC	Catada
Sampling citer Sample contai	-	2 40-ml VOAs, 1 one-liter	amber glass	YOU anathment.	Used for VOC	. Sample
Sample contact Sample analys		TPH as gasoline, BTXE	mitor grass	Laboratory:	Curtis & Tom	nkine

9240 DEC.XLW (2/23/95)

GROUNDWATER SAMPLING

Project no.:		92404-D0	Well no.:	MW-F	3	Date: 12/21/94
Project name:		Fruitvale Avenue	_ Depth of wel	l from TOC (feet):	8.5-24.45	
Location:		2662 Fruitvale Avenue	Well diamete	er (inch):	2	
		Oakland, CA	Screened into	erval from TOC (feet)		
Recorded by:		WKS	TOC elevation			of Oakland datum)
Weather:		Sunny	-	rom TOC (feet):	9.32	Time 8:28
Precip in past			•••	from TOC (feet):	None	Time 8:25
5 days (inch):		None	Water level d	- •	Dual interfac	
		TO BE REMOVED BEFO			Duar Internae	o probe
		ft) - (9.32 ft)] × (0.08)			4 gallons in on	e well volume
		Water level Well rad			0 gallons in 5 v	
				10.	0 total gallons	removed
CALIBRATIO	ON:					
			Temp		EC	
	_	Time	(°C)	<u>pH</u>	(µmho/cm)	
	on Standard:	-11	12.5	7.00-10.01	1,000	
	ore Purging:		12.5	7.00-10.01	900	
Ai	fter Purging:	11:56	13.3	6.93-10.10	900	
FIELD MEAS	SUREMEN	rs:				
	_		_	Cumulative		
ATC!	Temp		EC	Gallons		
Time	(<u>°</u> _C)	<u>рН</u>	(µmho/cm)	Removed		<u>Appearance</u>
9:35	17.5	6.89	550	1		Clear
9:38	17.9	6.86	600	2.5		Clear
9:48	17.9	6.85	610	5.0		
9:55	18.3	6.93	610	7.0		Clear
10:04	18.5	6.88	610	10.0		Clear
9:48 9:55	17.9 18.3	6.85 6.93	610 610	5.0 7.0		Clear Clear
Vater level af	ter purging p	prior to sampling (feet):	11.58			Time 12:25
Appearance of	sample:	Clear		THE RESERVE OF THE PERSON NAMED OF THE PERSON	To the first the second of the	Time 12:30
Duplicate/blan		None				Tuno
Purge method:		Double diaphragm pump		,		3
Sampling equi	•	Disposable PVC bailer		VOC attachment:	Used for VOC	sample
Sample contau		2 40-ml VOAs, 1 one-liter	amber glass			and any and the first the same of the same
Sample analys		TPH as gasoline, BTXE		Laboratory:	Curtis & Ton	pkins
Decontaminati	on method:	TSP and water, DI water ri	nse	Rinsate disposal:	Drum FW3	

92404DEC.XLW (2/23/95)

Decontamination method: TSP and water, DI water rinse

		RSAMPLING				,
Project no.:		92404-D0	_ Well no.;	MW-F4		Date: 12/21/94
Project name): 	Fruitvale Avenue	-	ll from TOC (feet):	16.9	
Location:		2662 Fruitvale Avenue	_ Well diamete	er (inch):	2	
		Oakland, CA	Screened into	erval from TOC (feet):	8.5 - 16.84	
Recorded by:		WKS	TOC elevation	on (feet):	101.56 (City c	of Oakland datum)
Weather:		Sunny	Water level f	from TOC (feet):	8.00	Time 9:45
Precip in pass	it		Product level	l from TOC (feet):	None	Time 9:45
5 days (inch)):	None	Water level d	Jevice:	Dual interface	probe
VOLUME O		TO BE REMOVED BEFOR ft) - (8.00 ft)] × (0.083 th Water level Well radiu	$ft)^2 \times 3.14 \times$	× 7.48 = 1.4	4 gallons in one 7 gallons in 5 wo 1 total gallons re	ell volumes
CALIBRATI	ION:					
Calibrati Bei	tion Standard: fore Purging: After Purging:	g: 8:16	Temp (° C) 12.5 12.5 13.3	<u>pH</u> 7.00-10.01 7.00-10.01 6.93-10.10	EC (umho/cm) 1,000 900 900	
FIELD MEA	SUREMEN	ITS:				
1				Cumulative		
! <u></u> ,	Temp		EC	Gallons		
Time	(<u>°</u> C)	<u>pH</u>	(umho/cm)	Removed	A	Appearance
10:25	17.7	6.96	700	0.5	Clear, petroleu	ım odor
10:29	18.3	6.91	650	1.5	Clear, petroleu	ım odor
10:40 WE	18.1 ELL PUMPE	7.00 ED DRY	650	5.0	Clear, petroleu	im odor
Water level a	ifter ourging	prior to sampling (feet):	12.95	í		Time 12:55
Appearance o		Clear			*	Time 13:00
Duplicate/blas		None		Statement in Martin's April Making along wheel dispersion are manufactures to be used. C Amendment of the statement of the		Time -
Purge method		Double diaphragm pump	-			er treet, and only the property of the law objections became property of the property
Sampling equ	•	Disposable PVC bailer	- ,	VOC attachment:	Used for VOC	sample
Sample contains Sample analysis		2 40-ml VOAs, I one-liter at TPH as gasoline, BTXE	mber glass	Y -language	Continue Communication	3 *
campic analy:	363	11 II as gasonne, DIAE		Laboratory:	Curtis & Tomp	KINS

92404DEC.XLW (2/23/95)

Rinsate disposal:

Drum FW3

GROUNDWATER SAMPLING

Project no.:		92404-D0	Well no.:		-13 (Chevron) Da	te: 12/21/94		
Project name:		Fruitvale Avenue	Depth of wel	epth of well from TOC (feet): 24.13 (Soft be				
Location:		2662 Fruitvale Avenue	Well diamete	er (inch):	2			
		Oakland, CA	Screened into	erval from TOC (fee	et): 14.5 - 24.5	:		
Recorded by:		WKS	TOC elevation	on (feet):	101.24 (City of Oa	kland datum)		
Weather:		Sunny	Water level f	from TOC (feet):	9.32 Tir	ne 10:35		
Precip in past			Product level	from TOC (feet):	~0.25 inch* Tir	ne 10:32		
5 days (inch):		None	Water level of	levice:	Dual interface prob	е		
		TO BE REMOVED BEFOR						
		ft) - (9.32 ft)] × (0.083)			2.4 gallons in one well	l l		
	well depu	Water level Well radii	us		$\frac{2.0}{2.0}$ gallons in 5 well ve			
				7.12	7.0 total gallons remov	red-		
CALIBRATIO	ON:							
		m:	Temp		EC			
Calibrasi	on Standard:	<u>Time</u>	(°C)	<u>pH</u>	(<u>umho/cm)</u>			
	on Standard: ore Purging:		12.5 12.5	7.00-10.01 7.00-10.01	1,000 900			
	fter Purging:		13.3	6.93-10.10	900			
FIELD MEAS	SUREMEN	rs:		a				
	Temp		EC	Cumulative				
Time	(<u>°C)</u>	pН	(µmho/cm)	Gallons Removed	Anne	arance		
		<u> </u>	Theresay, Carry	Komoyou	<u> </u>	<u>arance</u>		
11:13	18.4	6.62	700	1	Strong petroleum o	dor		
11:17	18.6	6.72	700	2	Clear, strong petrol	i		
11:21 11:23	19.2	6.69	700	4	Clear, strong petrol			
11:25	19.2 18.2	6.70 6.75	700 700	5 7	Clear, strong petrol			
11.55	10.2	0.75	700	,	Clear, strong petrol	eun odor		
* Ni	ote: Dua!in	terface probe not picking up	hudenashan	O Of imply thinks				
)FA	ow. Duai III	torrace proof not picking up	nyurocarbon.	~0.23 med uneknes	s esumated from baller			
Water level as	tor macaine :	prior to sampling (feet):	10.21		Emilia	. 15 mg a c		
water level all Appearance of		Clear	10.71	ر د داده ای در داده ای در داده این از در داده این در میشود به این با با در داده این این این این این این این ای این در داده این	Particular manufactures and the second sections of the second sec	ie 11:40		
oppearance of Suplicate/blan	•	N/A	efferencja (Palaulija) de la jeriologi za trensmenog za za za sa	kind tilgallar op blynings <u>mere in meneme</u> rkelskylske lynnigsgeleigisge nside proper	Till	le 11:45		
orge method:		Double diaphragm pump	and the second state of the second	The state of the s	1 113	11.7		
Sampling equi		Disposable PVC bailer		VOC attachment:	Used for VOC same	de		
Sample contair	•	2 40-ml VOAs, 1 one-liter a	mber glass	,				
Sample analysi		TPH as gasoline, BTXE	,	Laboratory:	Curtis & Tompkins	***************************************		
		TSP and water, DI water rin		Rinsate disposal:	Drum FW4			

92404DEC.XLW (2/23/95)

ATTACHMENT B

LABORATORY REPORTS



LABORATORY NUMBER: 119227

CLIENT: BASELINE ENVIRONMENTAL

PROJECT ID: 92404-00 LOCATION: FRUITVALE

BATCH NO: 18370

DATE SAMPLED: 12/21/94
DATE RECEIVED: 12/21/94
DATE ANALYZED: 01/04/95
DATE REPORTED: 01/09/95

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	2 MW-F1		TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
119227-1 119227-2 119227-3			3,300 ND(50) 130	330 ND(0.5) ND(0.5)	ND(13) ND(0.5) 1.3	24 ND(0.5) ND(0.5)	240 ND(0.5) ND(0.5)
METHOD BLAN	K		ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

QA/QC SUMMARY

RPD, % 5
RECOVERY, % 101



LABORATORY NUMBER: 119227

CLIENT: BASELINE ENVIRONMENTAL

PROJECT ID: 92404-00 LOCATION: FRUITVALE

BATCH NO: 18352

DATE SAMPLED: 12/21/94
DATE RECEIVED: 12/21/94
DATE ANALYZED: 12/31/94
DATE REPORTED: 01/09/95

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
119227-4 119227-5	MW-F2 MW-F4	96 37,000	ND(0.5) 660	ND(0.5) ND(100)	ND(0.5) 2,300	ND(0.5) 5,900
METHOD BLAN	К	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit; indicated in parentheses.

QA/QC SUMMARY

RPD, \$

RECOVERY, \$

STATEMENT OF THE PROPERTY OF THE PROPERTY

111401 RASELINE 3500 Hollis Street, Suite D

Emeryville, CA 94608

(510) 420-8686

CLAIN OF CUSTODY RECORD

Turn-around Time Lab

BASELINE Contact Person

Daglar

Project No.	Project	me and Loca	ation			Analysis	1 16	-	BASEL	INE Co	ontact F	erson	Key	NE Ora	
924 64-00 Samplers: (Signature)	Miller	le,	1		· · · · · · · · · · · · · · · · · · ·		\ \ \lambda \cdot \sigma \cdot \rangle								
Sample ID No. Station	Date	Time	Media	Depth	No. of	TEH (TPH Will BIX &E)	Motor Oil 18	/	Total Lead	//					
MW-F/ -2 NW-F3 -3 NU-F2 -9		12:10 12:10 12:30 12:30 13:00	Wia		Contain- ers	H SE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	S ON THE SECOND	PNAS	Total Lead					Remark	De ta
linquished by: (Signatur	(E)	Di	de / Time	Rec	ccived by: (Sign										
inquished by: (Signature	and the second s	and the same of th	e /Time		reived by: (Sign					Time Time			(01	oles Upon Arriv	al at
inquished by: (Signature)		/Time		eived by: (Sign:	alure)		Da	ite / Ţ		Ke	marks:			