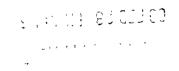
QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT

MLK PROPERTY
4629 Martin Luther King Jr. Way
Oakland, California

February 25, 2000

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

2380 Salvio Street Suite 202 Concord CA 94520 Phone (925) 363-1999 Fax (925) 363-1998 e-mail aars@conet.com





ADVANCED ASSESSMENT AND REMEDIATION SERVICES (AARS)

2380 SALVIO STREET. SUITE 202 CONCORD. CALIFORNIA 94520-2137 TEL: (925) 363-1999 FAX: (925) 363-1998

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February 25, 2000

Ms. eva chu Alameda County Health Agency Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

Subject:

Quarterly Groundwater Monitoring and Sampling Report for

4629 Martin Luther King Jr. Way, Oakland, California

Dear Ms. chu:

The enclosed report presents the results and findings of the February 2000, the final quarterly groundwater monitoring and sampling for the above-referenced facility.

Should you have any questions regarding the report please contact Tridib Guha at (925) 363-1999.

Sincerely,

Advanced Assessment and Remediation Services

Tridib K. Guha, R.G., R.E.A.

Principal

cc:

Ms. Lynn Nightingale, San Francisco, CA

MI KQ4 RP1

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MI KQIR4RPI 4ARS

QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT

for MLK Property 4629 Martin Luther King Jr. Way Oakland, California

1.0 INTRODUCTION

The property is sold and new owners are making renovations. On January 14, 2000, Ms. Eva Chu of Alameda County Environmental Health Department (ACEHD), Ms. Lynn Nightingale, former property owner and Tridib Guha, consultant conducted a site visit to see if further work was needed for a possible site closure. It was discussed that there may be an off-site plume which may have migrated to the site. Ms. Chu will search ACEHD file and coordinate with Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) about the adjacent property, parking lot (former gas station). On January 27, 2000, Ms. Chu instructed the consultant to complete the final round of groundwater monitoring and sampling to determine, the fate of monitoring wells abandonment.

This report presents the results and findings of the February 2000, the final quarterly groundwater monitoring and sampling performed at 4629 Martin Luther King Jr. Way, Oakland, California. A site vicinity map is shown in Figure 1.

2.0 GROUNDWATER MONITORING WELLS

This section presents the water level monitoring, field observations, sampling and analysis procedures, as well as the analytical results. The location of the monitoring wells is presented in Figure 2. The work and related field sampling activities were conducted in accordance with the guidelines and requirements of the ACEHD and the RWQCB.

2.1 Groundwater Level Monitoring and Surveying

Groundwater levels in each well were measured to the nearest 0.01 foot from the top of the PVC casing, using an electronic sounder. A groundwater surface elevation map, based on interpretation of groundwater level measurements taken on February 7, 2000, and survey data is presented in Figure 3. The survey data and water level measurements are presented in Table 1.

2.2 Field Observations

The purged water from monitoring wells, MW-1 through MW-4, were clear initially and with continual purging the water turned turbid. However, water samples collected at the time of sampling were clear. No floating product was observed in the groundwater samples from the monitoring wells. However, sheen was observed in three monitoring well (MW-1, MW-3 and MW-4) groundwater samples. Also, strong petroleum odor was noticed in the groundwater samples from the three wells (MW-1, MW-3 and MW-4).

2.3 Sampling and Analysis Procedures

Groundwater samples were collected on February 7, 2000, following water level measurements. Samples were analyzed by Priority Environmental Labs of Milpitas, California which is certified by the California Department of Health Services (DHS) to perform the specified analyses.

Before purging, water levels were measured in all four wells with an electronic sounder tape. Purging preceded sampling in order to ensure collection of non-stagnant water. A minimum of three casing volumes were removed before sampling the wells MW-1, MW-2, MW-3 and MW-4. The purged water was monitored for temperature, pH, conductivity and dissolved oxygen during purging to verify complete purging of standing water in the well casing. Stabilization of considered complete when these parameters had stabilized. The wells were sampled after 97 percent recovery or greater. The groundwater monitoring well purge/sampling worksheets are presented Appendix A.

To prevent potential cross-contamination, all measuring, purging and sampling equipment was washed in an Alconox detergent solution, rinsed with tap water, and rinsed finally with distilled water between wells.

The sampling procedure for each monitoring well involved extracting well water with a clean PVC bailer on a clean nylon cord. Groundwater collected for analysis of Total Petroleum Hydrocarbon as gasoline (TPHg) and Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX), Methyl Tertiary Butyl Ether (MTBE) was decanted into two 40-milliliter volatile organic analysis vials with Teflonlined septa. Groundwater collected for analysis of Total Petroleum Hydrocarbon as diesel (TPHd) and Total Petroleum Hydrocarbon as motor oil (TPHmo) was decanted into one 1-liter amber glass bottles. Samples to be analyzed for TPHg/BTEX/MTBE were preserved using hydrochloric acid to a pH of 2.0. All samples were labeled and placed in a cooler containing blue ice, along with the chain-of-custody document (Appendix B). Samples transported to the laboratory were analyzed within the specified holding time.

Groundwater produced during purging and sampling was contained in 55-gallon steel drums. The drummed water was labelled with the source (i.e. well number) and date.

2.4 Analytical Methods

Samples were analyzed for TPHg by Modified EPA SW-846 Methods 5030/8015 modified, for TPHd-TPHmo by EPA Methods 3510/8015 modified, and for BTEX/MTBE by EPA SW-846 Methods 5030/602.

A summary of the analytical results of groundwater samples from the monitoring wells is presented in Table 2. The certified analytical reports for these sampling events are included in Appendix B.

3.0 INTERPRETATION OF RESULTS

The results of water level measurements and groundwater sampling are discussed in the following sections.

3.1 Groundwater Elevations and Gradients

A relative groundwater elevation contours for February 7, 2000, is presented in Figure 3. The flow direction, based on groundwater level data, was toward the southwest with an average hydraulic gradient of 0.02 foot per foot for this monitoring period. The average depth to stabilized groundwater in these wells was approximately 16.50 feet below ground surface (shallowest since 1995).

3.2 Analytical Results

The analytical results for groundwater samples from four monitoring wells (MW-1 through MW-4) are presented in Table 2, which also includes the groundwater sampling results from the previous site investigation and sampling. Groundwater sample from MW-2 was clean. Groundwater samples from three monitoring wells MW-1, MW-3 and MW-4 were found to contain TPHg ranging 89 to 2100 parts per billion (ppb); TPHd concentrations ranging from 76 to 920 ppb and TPHmo concentrations ranging from 900 to 3800 ppb. Benzene was detected in groundwater samples from MW-3 and MW-4, at a concentrations of 2.6 and 3.4 ppb respectively. Toluene, ethylbenzene, and xylenes concentrations ranging from 1.6 to 29 ppb were measured in groundwater samples from MW-1, MW-3 and MW-4. MTBE was not detected in any groundwater samples from all four wells. Previous sampling and analytical results using EPA Method 8260 confirmed the absence of BTEX compound in groundwater samples from all four monitoring wells. Figure 4 shows the distribution of dissolved-phase petroleum hydrocarbons at the site.

4.0 RECOMMENDATIONS

The analytical results of MW-2 groundwater samples were below detection limit for hydrocarbon compounds. The groundwater sampling and analytical results for the site since November 1995 to February 2000, is showing progressively decreasing trend of hydrocarbon compound in the groundwater. In addition, the absence of BTEX/MTBE compounds in the groundwater which was confirmed by EPA Method 8260. Therefore, the monitoring wells should be considered for abandonment.

5.0 CERTIFICATION

The information provided in this report is based on the groundwater sampling activities conducted at the site. All data presented in this report is believed to be factual and accurate, unless proven otherwise. Any conclusions or recommendations provided within are based on our expertise and experience conducting work for a similar nature.

Advanced Assessment and Remediation Services

Tridib K. Guha, R.G. 5836

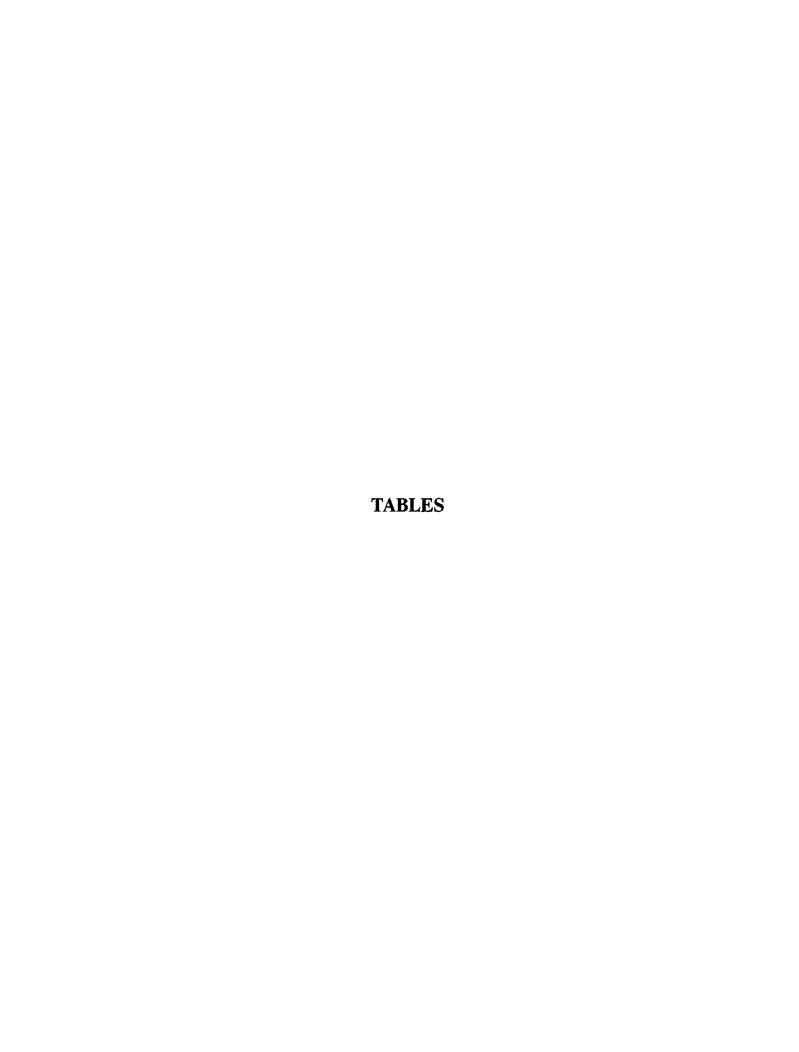


TABLE 1: SURVEY AND WATER LEVEL MONITORING DATA MLK Property 4629 Martin Luther King Jr. Way Oakland, California

		Oaklan	d, California		
Well No.	Date of Measurement	Top of Casing Elevation (Feet - Relative)	Depth to Groundwater (Feet)	Product Thickness (Feet)	Groundwater Elevation (Feet - Relative)
MW-1	12-18-98	101.15	19.49	0.00	81.66
	4-23-99	101.15	18.64	0.00	82.51
	7-23-99	101.15	21.99	0.00	79.16
	10-19-99	101.15	21.65	0.00	79.50
	02-07-00	101.15	16.66	0.00	84.49
MW-2	12-18-98	101.29	20.59	0.00	80.70
	4-23-99	101.29	19.36	0.00	81.93
	7-23-99	101.29	22.54	0.00	78.75
	10-19-99	101.29	22.14	0.00	79.15
	02-07-00	101.29	17.17	0.00	84.12
MW-3	12-18-98	100.95	20.80	0.00	80.15
	4-23-99	100.95	20.03	0.00	80.92
	7-23-99	100.95	22.69	0.00	78.26
	10-19-99	100.95	22.30	0.00	78.65
	02-07-00	100.95	16.98	0.00	83.97
MW-4	12-18-98	100.90	18.93	0.00	81.97
	4-23-99	100.90	18.22	0.00	82.68
	7-23-99	100.90	21.55	0.00	79.35
	10-19-99	100.90	21.14	0.00	79.76
	02-07-00	100.90	15.83	0.00	85.07

Note. A bench mark, with an assumed elevation of $100\,00$ feet (Above Mean Sea Level), was established on top of the south eurb at the 47th Street entrance to the center of the building, all well elevations are relative to this

MLK PROPERTY, 4629 Martin Luther King Jr. Way, Oakland, California Sample ID Date of TPHg (µg/L) MTBE **TPHmo** Benzene Toluene Ethylbenzene **Xylenes** TPHd Sampling (µg/L) $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ (µg/L) μg/L μg/L MW1-GW 11/15/95 220 NA 2.3 ND ND 20,000 0.68 NA 12/17/98 480 ND ND 2.9 12 1.9 590 ND 04/23/99 390 ND 6.2 1.6 ND 2.0 670 360 07/23/99 260/270* ND/ND* ND/ND* ND/ND* ND/ND* 0.6/ND* ND ND 10/19/99 92 ND ND ND 0.7 2.2 56 600 89 ND 0.9 02/07/00 ND ND 2.8 76 900 MW2-GW 12/18/98 ND ND ND ND ND ND 730 ND 04/23/99 55 ND ND ND ND ND 240 ND 07/23/99 ND/ND* ND/ND* ND/ND* ND/ND* ND/ND* ND/ND* ND ND 10/19/99 ND ND ND ND ND ND ND ND 02/07/00 ND ND ND ND ND ND ND ND MW3-GW 12/17/98 840 ND 3.6 1.0 2.2 720 ND 1.1 04/23/99 1,800 8.23 54 4.7 1.7 5.8 980 ND 07/23/99 ND/ND* ND/ND* ND/ND* 0.7/ND* 1.8/ND* 1.800 1.800/1.600* 240 10/19/99 1,100 ND 2.8 1.9 6.1 18 190 1,400 02/07/**00** 910 ND 2.6 5.5 1.4 14 180 1,400 MW4-GW ND 3.7 10 2.9 ND 12/17/98 4,000 11 4.300 04/23/99 5,100 24 160 11 31 10 2,900 ND 07/23/99 3,100/2,900* ND/ND* ND/ND* ND/ND* 1.2/ND* 3.8/ND* 1,600 5,900 10/19/99 ND 3.9 31 2,300 2.6 11 890 4,200 02/07/00 2,100 ND 3.4 2.2 8.9 29 920 3,800 RL 50 0.5 0.5 0.5 0.5 0.5 02/10-15/00 50 500

TABLE 2: SUMMARY OF ANALYTICAL RESULTS OF GROUNDWATER SAMPLING

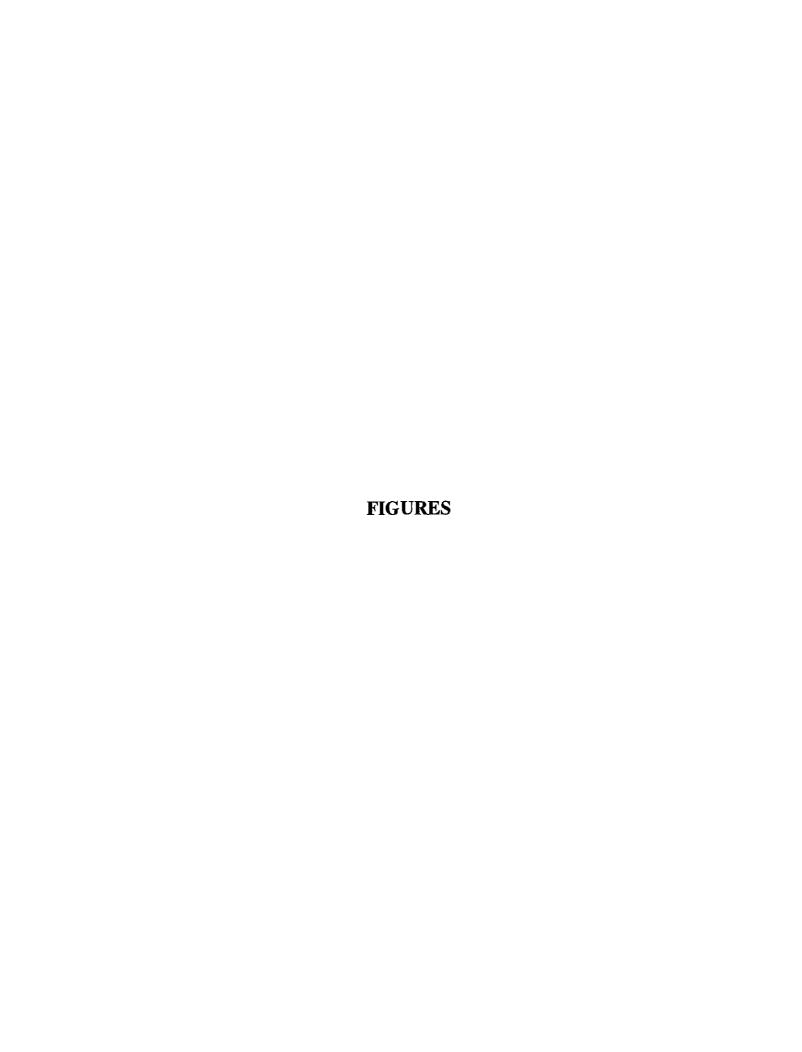
Notes ND- Not Detected RL- Reporting Limit NA- Not Analyzed

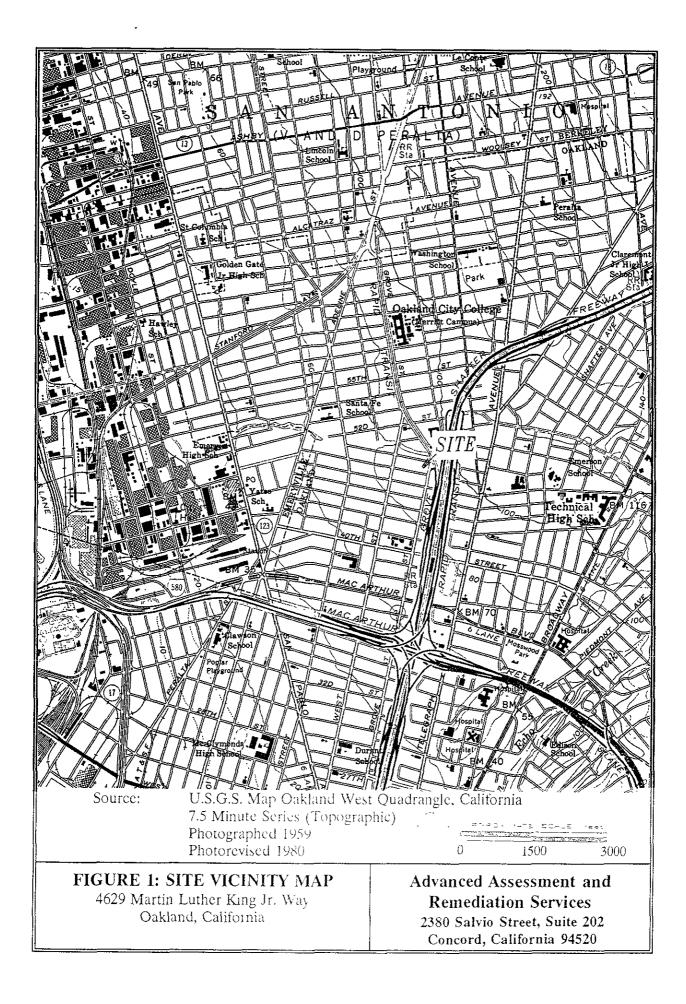
* Confirmed (also quantified) by EPA Method 8260 for oxygenated volatile organic compounds(OVOCs); all other OVOCs were nondetect above the detection limit

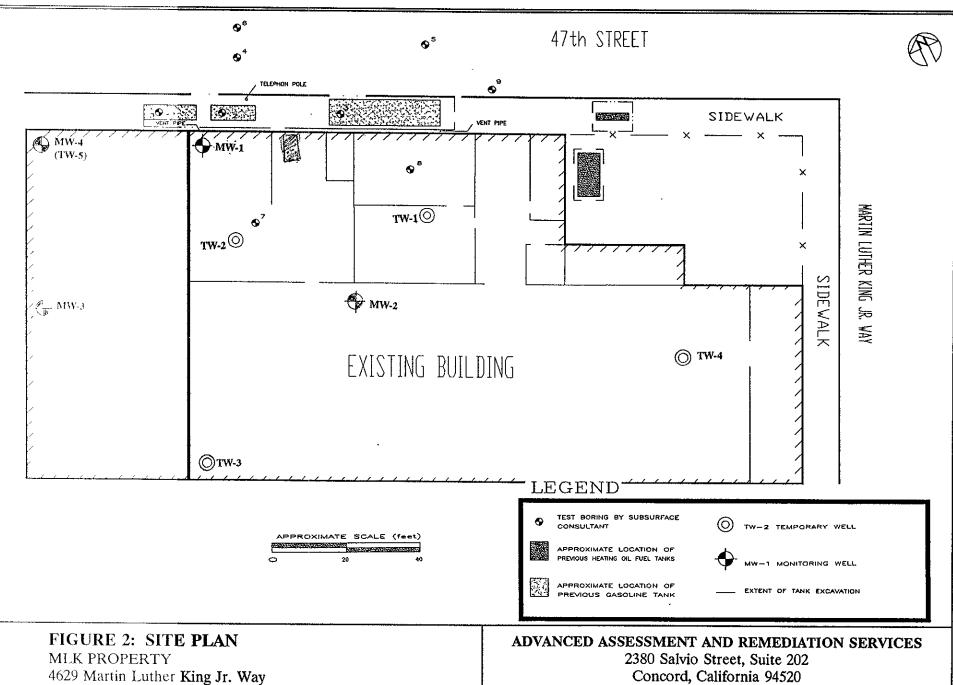
μβ/L- Microgram per liter (parts per billion)

1PHg. Total petroleum hydrocarbon as gasoline (EPA method modified 8015)
1PHd-1PHmo Total petroleum hydrocarbon as diesel/motor oil (EPA method modified 8015)

M IBI- Methyl Tertiary Butyl Ether (EPA method 602) Benzene, toluene, ethylbenzene, and total xylenes (EPA method 602)



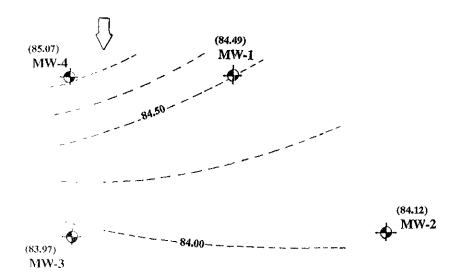




Oakland, California

Concord, California 94520





LEGEND

♦ MW-1 MONITORING WELL

(84.12) RELATIVE GROUNDWATER

ELEVATION

-84.00-- GROUNDWATER ELEVATION

CONTOUR

GENERAL DIRECTION OF GROUNDWATER FLOW

NOTE:

1. WATER LEVELS IN MONITORING WELLS MEASURED ON FEBRUARY 7, 2000

2. CONTOUR INTERVAL = 0.25 FOOT

3. HYDRAULIC GRADIENT = 0.02 FOOT/FOOT

Scale:

Approximately 1 inch = 30 feet

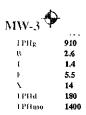
FIGURE 3: GROUNDWATER SURFACE ELEVATIONS (02/07/00) MLK PROPERTY 4629 Martin Luther King Jr. Way Oakland, California

ADVANCED ASSESSMENT AND REMEDIATION SERVICES 2380 Salvio Street, Suite 202 Concord, California 94520



TPHg	2100
В	3.4
T	2.2
E	8.9
λ	29
1 PH4	920
TPHmo	3800
MW-4	

TPHg MW-1



LEGEND



♦ MW-1 MONITORING WELL

TOTAL PETROLEUM HYDROCARBON AS

GASOLINE

MTBE METHYL TERTIARY BUTYL ETHER BENZENE

T TOLUENE

ETHYLBENZENE E

XYLENES TPHd

TOTAL PETROLEUM HYDROCARBON AS

DIESEL

TOTAL PETROLEUM HYDROCARBON AS

MOTOR OIL

NOTE:

х

1. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (PARTS PER BILLION)

2. HYDROCARBON CONSTITUENTS WHICH WERE NOT DETECTED ARE NOT LISTED

SCALE

Approx. 1 inch = 30 feet

FIGURE 4: DISTRIBUTION OF DISSOLVED-PHASE HYDROCARBONS MLK PROPERTY 4629 Martin Luther King Jr. Way Oakland, California

ADVANCED ASSESSMENT AND REMEDIATION SERVICES 2380 Salvio Street, Suite 202 Concord, California 94520

APPENDIX A

Monitoring Well Purge/Sample Worksheet

PROJECT	PROJECT NAME: MLK Property PROJECT NUMBER: 98017								
SITE ADDRESS: 4629 Martin Luther King Jr. Way, Oakland, CA									
WELL NU	JMBER: ⋈r	N-1 WELL	. CASING	DIA.: 2"	DATE:	: 2-7-00			
				= Water Colu 13.34		- Time: 7:52			
13	Water column Height (ft) x Gallons/Linear Foot = Stagnant Volume (Gallons) 13.34 O.17 2.3								
Groundwa	(Gallons/Linear Foot: 2" dia. = 0.17; 4" dia. = 0.66; 6" dia. = 1.5) Groundwater Inspection Floating Product (ft. or in.): NONÊ Sheen/Iridescence: YES Odor: YES								
Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)		Conductivity µS	Color/Turbidity/Other			
8:35	0	6.5	61.6	7.25	502	CIEAR			
8:45	2	6.4	61.4	7.22	586	TURBID GRAYISH BROWN			
8:55	ڝ	6.4	61.8	7,17	606	VERY TURNIO " "			
9:05	7	6,3	61.7	7.15	615	21 24 16			
Purged Water Containment Purge Method Used: 7 gals stored in 1 55 gal (drums); Any previous drums? 2 Capacity 55									
	ter Sampling				groundwater in	•			
(P) After p	ourging: 20.	8 (I) Initially:	16.66	(S) Before sam	oling: 16.76	Time: 11:13			
(P-S)/P-I) x 100 = 100 % Total Recovery: 97 /									

SAMPLER: TRIDIE GUHA SIGNATURE: Sich (-

(Print)

Sample Containers (How many? Preservatives?)

REMARKS:

1 liter amber glass: / ; 40 ml VOA: 2 ; 500 ml polypropylene: ____

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

SAMPLE TIME: 11:15

PROJECT NAME:	MLK Property	PROJECT NUMBER:	98017			
SITE ADDRESS:	4629 Martin Luther Kin	ng Jr. Way, Oakland, CA				
WELL NUMBER: MA	N-2 WELL CASING	G DIA: 2"	DATE:	2-7	-00	
Stagnant Volume Calcu Total Well Depth (ft)	lation Initial Depth to Water	r = Water Column Hei	ight (ft) -		Time:	7 <i>:50</i>
Water column Height (1	t) x Gallons/Linear Foot 0.17	= Stagnant Volume (Gallons)			
(Gallons/Linear Foot: 2" dia	$a. = 0.17; 4^n \text{ dia.} = 0.66; 6^n \text{ dia.}$. = 1.5)				
Groundwater Inspection Floating Product (ft. or		Sheen/Iridescence: No	ONE (Odor:	NONE	

Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	ρН	Conductivity	Color/Turbidity/Other
8:00	0	7.2	61.7	7.15	742	CLEAR
8:10	2	7.1	61.5	7.12	フフフ	SLIGHTLY TURBID GRAYISH
8:20	5	7.3	61.4	7.10	767	н /1
8130	7	7.2	61.4	7.11	762	n it

Purged Water Containment	Purge Method Used:	
7 gals stored in 1 55 gal (drums); Any previous drums? 2 Capacity _5	355
Groundwater Sampling	Water Level Recovery (Depth to groundwater in	n feet)
(P) After purging: 20.01 (I) In	itially: 17.17 (S) Before sampling: 17.23	Time: 10:55
$(P-S)/P-I) \times 100 = 100 \% \text{ Total R}$	tecovery: 98%	
Sample Containers (How many? I	Preservatives?)	
1 liter amber glass:; 40	ml VOA: 2; 500 ml polypropylene:_	
REMARKS:		SAMPLE TIME 11:0

SAMPLER: TRIDIB GOHA SIGNATURE: J. L.

(Print)

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

PROJECT NAME:	MLK Property	PROJECT NUMBER: 98017				
SITE ADDRESS:	4629 Martin Luther Kin	ag Jr. Way, Oakland, CA				
WELL NUMBER: MI	W-3 WELL CASIN	G DIA.: 2'' DATE	E: 2-7-00			
Stagnant Volume Calcu Total Well Depth (ft)	- Initial Depth to Wate	r = Water Column Height (ft)	- Time: 7;54			
	ft) x Gallons/Linear Foot 0.17	t = Stagnant Volume (Gallons) 2.2)			
(Gallons/Linear Foot: 2 ⁿ dia. = 0.17; 4 ⁿ dia. = 0.66; 6 ⁿ dia. = 1.5)						
Groundwater Inspection Floating Product (ft. or	<u>1</u> in.): ^{NONE}	Sheen/Iridescence: $\gamma \mathcal{E} $	Odor: YES			

Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	рН	Conductivity µS	Color/Turbidity/Other
9:10	٥	7.2	61.9	7.17	467	CLEAR
9:20	2	7.1	61.6	7,10	506	SLIGHTLY TURBID GRAY
9:30	5	7.1	61.8	7,10	509	TURBID GRAY
9:40	8	7.2	61.7	7.09	510	н н

1,7	^	[' '	0,,,	l ''' l	700		GRAY
9:30	5	7.1	61.8	7,10	509	TURBID	GRAY
9:40	В	7.2	61.7	7.09	510	н	u'
urged Wa	ter Containm	<u>ient</u>		Purge M	ethod Used:		
8 gals s	tored in	_ 55 gal (drum	s); Any previo	us drums?_2	Capacity _	55	
roundwat	er Sampling	Water	Level Recove	ery (Depth to	groundwater i	in feet)	
) After n	ourging: 19.8	フ (I) Initially		, ,	_	•	28
•		—			<u> </u>		
imple Co	<u>ntainers</u> (Hov	w many? Preser	vatives?)				
liter amb	er glass:l	; 40 ml V	/OA: <u>2</u>	; 500 ml p	olypropylene:		-
EMARKS	5 :						
							SAMPLE TIME 11:

SAMPLER: TRIDIB GUHA

SIGNATURE: Side A. A.

(Print)

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

MLK Property PROJECT NUMBER: 98017 PROJECT NAME: 4629 Martin Luther King Jr. Way, Oakland, CA SITE ADDRESS: DATE: 2-7-00 WELL NUMBER: MW-4 WELL CASING DIA.: 2" Stagnant Volume Calculation Total Well Depth (ft) - Initial Depth to Water = Water Column Height (ft) - Time: 7:55 30 Water column Height (ft) x Gallons/Linear Foot = Stagnant Volume (Gallons) 14.17 0.17 2.4 (Gallons/Linear Foot: 2" dia. = 0.17; 4" dia. = 0.66; 6" dia. = 1.5) Groundwater Inspection Sheen/Iridescence: YES Floating Product (ft. or in.): NONE Odor: ソモs Color/Turbidity/Other Temperature Conductivity Volume Dissolved рH Time (degrees F) μS Purged (gal) Oxygen (ppm) 6.94 936 CLEAR 9:50 61.7 0 6.5 SLIGHTLY TURBID GRAYISH 7.04 61.5 1029 10:00 2 6.5 10:10 5 6.4 61.8 7.04 1088 VERY STRONG CAS ODER 61.9 10:20 6.4 7.05 1118 11 જ 71

Purged Water Containment

Purge Method Used:

gals stored in _ i _ 55 gal (drums); Any previous drums? _ 2 _ Capacity _ 55 _	
Groundwater Sampling Water Level Recovery (Depth to groundwater in feet)	
(P) After purging: 19.34 (I) Initially: 15.83 (S) Before sampling: 15.88 Time: 11.	42
(P-S)/P-I) x 100 = 100 % Total Recovery: 98/.	
Sample Containers (How many? Preservatives?)	
1 liter amber glass: 1 ; 40 ml VOA: 2 ; 500 ml polypropylene: —	_
REMARKS:	SAMPLE TIME: 11:45

SAMPLER: TRIDIB GOUHA

SIGNATURE:

E: Thedich de

(Print)

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

APPENDIX B Certified Analytical Reports and Chain-of-Custody Documents



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 15, 2000

PEL # 0002007

ADVANCED ASSESSMENT and REMEDIATION SERVICES

Attn: Tridib Guha

Re: Four water samples for Gasoline/BTEX with MTBE and TEPH analyses.

Project name: MLK Property

Project number: 99006

Date sampled: Feb 07, 2000

Date extracted: Feb 10-15, 2000

Date submitted: Feb 08, 2000 Date analyzed: Feb 10-15, 2000

RESULTS:

SAMPLE I.D.	Gasoline	Diesel 1	Benzene	Toluene	Ethyl Benzene	Total Xylene	MTBE	Motor Oil
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L
MW-1 GW	89	76	N.D.	N.D.	0.9	2.8	N.D.	0.9
MW-2 GW MW-3 GW	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D
	910	180	2.6	1.4	5.5	14	N.D.	1.4
MW-4 GW	2100	920	3.4	2.2	8.9	29	N.D.	3.8
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D
Spiked Recovery	81.6%	88.3%	92.8%	90.7%	89.9%	102.6%		
Detection limit	50	50	0.5	0.5	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	3510 / 8015	602	602	602	602	602	3510 8015

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 2 / 7 /00 PAGE: 1 OF: 1 ANALYSIS Tridib Guha. CONTAINERS Advanced Assessment and Remediation Services (AARS) 2380 Salvio Street, Suite 202 Concord, CA 94520-2137 PHONE (925) 363-1999 FAX: (925) 363-1998 PEL # 002007 INV # 30033 SAMPLE ID SE DATE TIME MATRIX Z VOA MW-1GW 11:15 WATER 1 ANS MW-ZEW 2 /C A 11:00 1 AMB 261 MW-3GW 11:30 1.444 MW-4GW 2 Ve.A 11:45 AMA RECEIVED BY: RELINQUISHED BY: RELINQUISHED BY: PROJECT INFORMATION SAMPLE RECEIPT 1 RECEIVED BY: TRIAIB GUHA DUONG TIVAC PROJECT NAME: MLK PROPERTY TOTAL # OF CONTAINERS SIGNATURE: SIGNATURE: SIGNATURE: Yes RECD. GOOD COND./COLD Time: Date: Tkne: Thre: INSTRUCTIONS & COMMENTS 4.3017 02/08/00 02/08/2000 COMPANY: COMPANY: COMPANY: AARS

ABLE