O	HARTERIV	CROUNDWATER	MONITORING AN	D SAMPLING REPORT
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MLK PROPERTY
4629 Martin Luther King Jr. Way
Oakland, California

November 10, 1999

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

2380 Salvio Street, Suite 202 Concord, CA 94520 Phone: (925) 363-1999 Fax: (925) 363-1998 c-mail: aars@cenet.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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November 10, 1999

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 October 1999, 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 KQ3 RP I

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QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT

For

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

1.0 INTRODUCTION

This report presents the results and findings of the October 1999 quarterly groundwater monitoring and sampling performed at 4629 Martin Luther King Jr. Way, Oakland, California. This report is intended to fulfill quarterly self-monitoring requirements and to establish a groundwater monitoring history for the site. 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 Alameda County Environmental Health Department (ACEHD) and the California Regional Water Quality Control Board, San Francisco Bay Region (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 October 19, 1999, 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 October 19, 1999, 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 92 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 three 40-milliliter volatile organic analysis vials with Teflon-lined 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 5030/8020.

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 October 19, 1999, 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 22 feet below ground surface.

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 92 to 2300 parts per billion (ppb); TPHd concentrations ranging from 56 to 890 ppb and TPHmo concentrations ranging from 600 to 4200 ppb. Benzene was detected in groundwater samples from MW-3 and MW-4, at a concentrations of 2.8 and 3.9 ppb respectively. Toluene, ethylbenzene, and xylenes concentrations ranging from 0.7 to 31 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 SELF-MONITORING PROGRAM SCHEDULE AND RECOMMENDATIONS

The next monitoring event scheduled for the site is January, 2000. The analytical results of MW-2 groundwater samples were below detection limit for hydrocarbon compounds. Therefore, no further sampling and analyses of MW-2 is recommended. The groundwater sampling and analytical results for the site since November 1995 to October 1999, 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 site should be considered for closure.

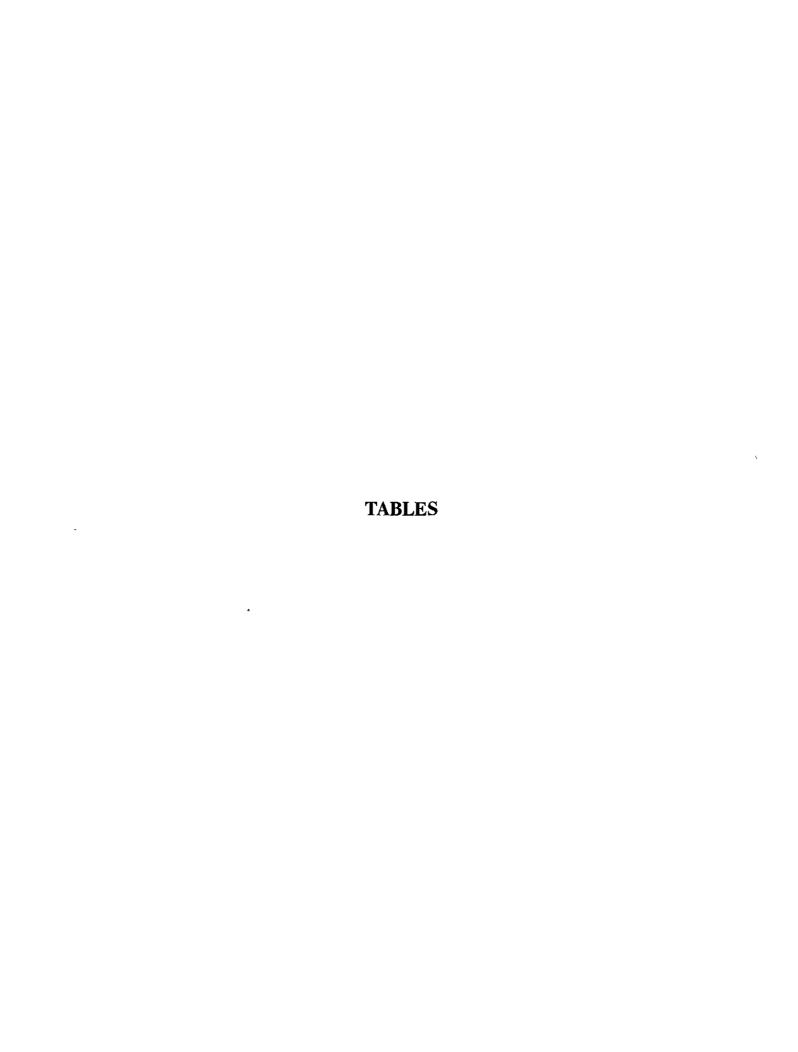
5.0 CERTIFICATION

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

Tidel V. S.



MLK Property 4629 Martin Luther King Jr. Way Oakland, California Well No. Date of Top of Casing Depth to Groundwater Product Groundwater Measurement Elevation Thickness (Feet) Elevation (Feet - Relative) (Feet) (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 0.00 21.65 79.50 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 MW-3 12-18-98 100.95 20.80 0.00 80.15

20.03

22.69

22.30

18.93

18.22

21.55

21.14

0.00

0.00

0.00

0.00

0.00

0.00

0.00

80.92

78.26

78.65

81.97

82.68

79.35

79.76

TABLE 1: SURVEY AND WATER LEVEL MONITORING DATA

Note: A bench mark, with an assumed elevation of 100.00 feet (Above Mean Sea Level), was established on top of the south curb at the 47th Street entrance to the center of the building; all well elevations are relative to this.

MW-4

4-23-99

7-23-99

10-19-99

12-18-98

4-23-99

7-23-99

10-19-99

100.95

100.95

100.95

100.90

100.90

100.90

100.90

TABLE 2: SUMMARY OF ANALYTICAL RESULTS OF GROUNDWATER SAMPLING MLK PROPERTY, 4629 Martin Luther King Jr. Way, Oakland, California Sample ID Date of TPHg (µg/L) MTBE Benzene Toluene Ethylbenzene **Xylenes** TPHd **TPHmo** Sampl**ing** $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ $(\mu g/L)$ µg/L μg/L MW1-GW 11/15/95 220 NA 2.3 ND ND 0.68 20,000 NA 12/17/98 480 ND 12 1.9 ND 2.9 590 ND 4/23/99 390 ND 6.2 1.6 ND 2.0 670 360 7/23/99 260/270* ND/ND* ND/ND* ND/ND* ND/ND* 0.6/ND* ND ND 10/19/99 92 ND ND 0.7 2.2 600 ND 56 MW2-GW 12/18/98 ND ND ND ND ND ND ND 730 55 ND ND 4/23/99 ND ND ND ND 240 ND/ND* ND/ND* 7/23/99 ND/ND* ND/ND* ND/ND* ND/ND* ND ND 10/19/99 ND ND ND ND ND ND ND ND MW3-GW ND 1.1 2.2 ND 12/17/98 840 3.6 1.0 720 4/23/99 1.7 ND 1,800 8.23 54 4.7 5.8 980 ND/ND* ND/ND* 0.7/ND* 7/23/99 1,800/1,600* ND/ND* 1.8/ND* 240 1.800 10/19/99 ND 1.9 6.1 18 190 1,400 1,100 2.8 MW4-GW 12/17/98 10 2.9 4,000 ND 3.7 4,300 ND 11 4/23/99 31 10 2,900 ND 5,100 24 160 11 7/23/99 3,100/2,900* ND/ND* ND/ND* ND/ND* 1.2/ND* 3.8/ND* 1,600 5,900 10/19/99 2,300 ND 3.9 2.6 11 31 890 4,200

Notes:

10/22-23/99

RL

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

0.5

0.5

0.5

0.5

50

500

were nondetect above the detection limit

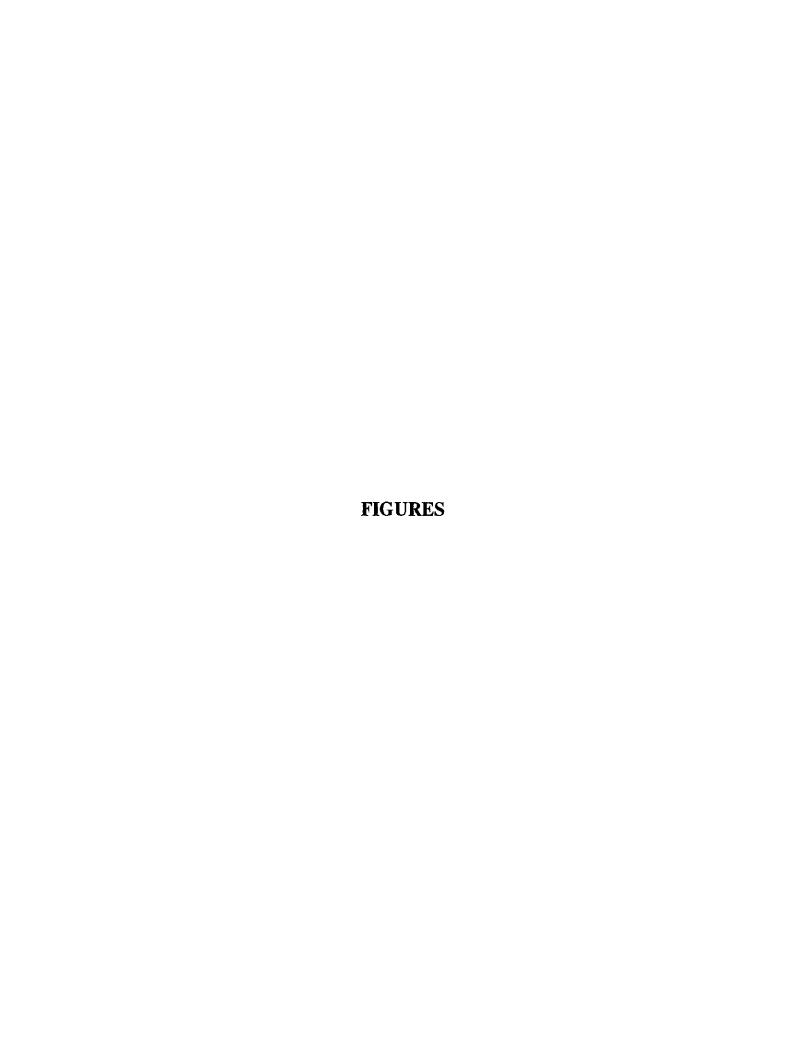
 $\mu g/l$ Microgram per liter (parts per billion)

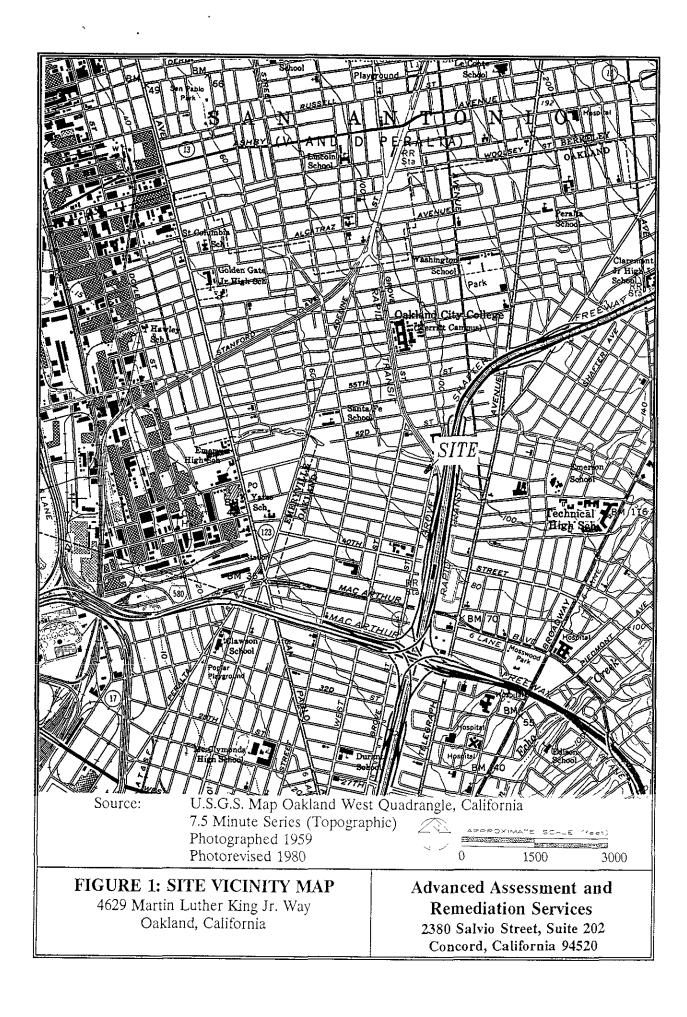
50

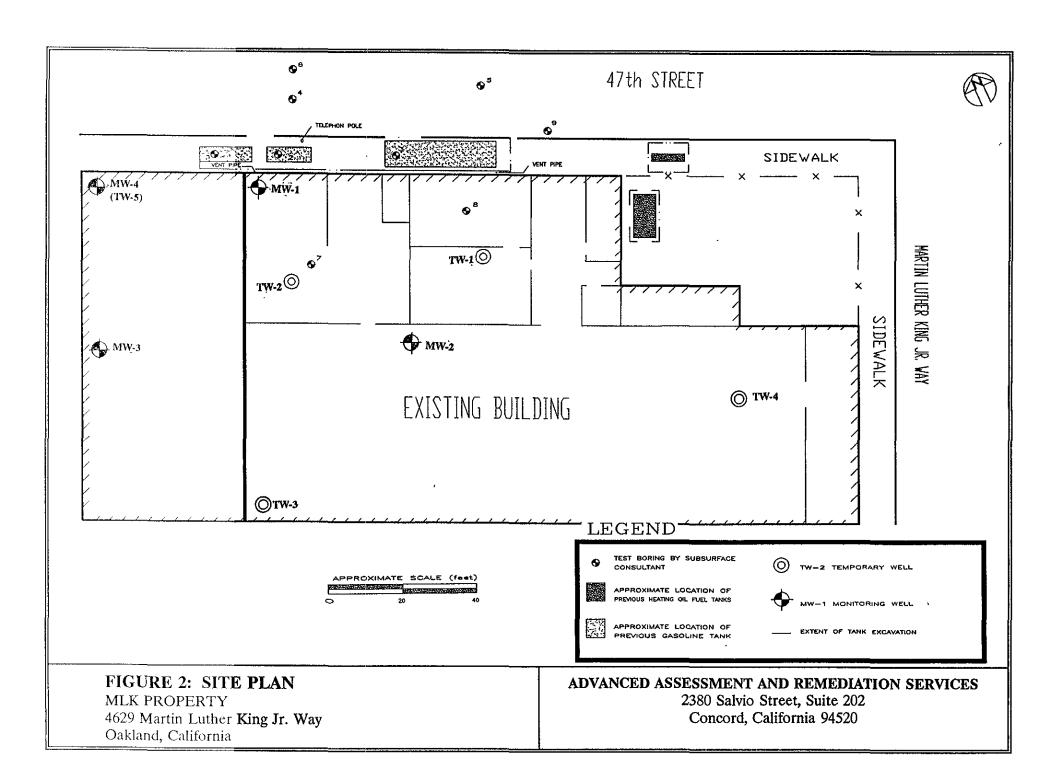
TPHg- Total petroleum hydrocarbon as gasoline (EPA method modified 8015)
TPHd-TPHmo Total petroleum hydrocarbon as diesel/motor oil (EPA method modified 8015)

0.5

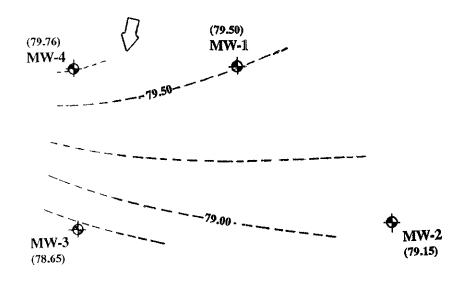
MTBE- Methyl Tertiary Butyl Ether (EPA method 8020)
Benzene, toluene, ethylbenzene, and total xylenes (EPA method 8020)











LEGEND

♦ MW-1

MONITORING WELL

(79.15)

RELATIVE GROUNDWATER

ELEVATION

-79.00--

GROUNDWATER ELEVATION

CONTOUR



GENERAL DIRECTION OF GROUNDWATER FLOW

NOTE

- 1. WATER LEVELS IN MONITORING WELLS MEASURED ON OCTOBER 19, 1999
- 2. CONTOUR INTERVAL = 0.25 FOOT
- 3. HYDRAULIC GRADIENT = 0.02 FOOT/FOOT

Scale:

Approximately 1 inch = 30 feet

FIGURE 3: GROUNDWATER SURFACE ELEVATIONS (10/19/99)
MLK PROPERTY
4629 Martin Luther King Jr. Way
Oakland, California

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



TPHg	2300
В	3.9
T	2.6
E	11
X	31
TPHd	890
TPHmo	4200
MW-4	-

92 TPHg 0.7 X TPHd 56 TPHmo

MW-3 TPHg 1100 2.8 1.9 Е 6.1 X 18 TPHd 190 TPHmo 1400

LEGEND



★ MW-1 MONITORING WELL

TOTAL PETROLEUM HYDROCARBON AS

GASOLINE

MTBE METHYL TERTIARY BUTYL ETHER BENZENE

TOLUENE T

ETHYLBENZENE E х

XYLENES

TOTAL PETROLEUM HYDROCARBON AS TPHd

DIESEL

TPHmo TOTAL PETROLEUM HYDROCARBON AS

MOTOR OIL

NOTE:

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

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APPENDIX A

Monitoring Well Purge/Sample Worksheet

PROJECT NAME:	MLK Property	PROJECT NUI	MBER: 99	9006	
SITE ADDRESS:	4629 Martin Luther King	g Jr. Way, Oakland, CA			
WELL NUMBER: MW	1-1 WELL CASING	GDIA.: 2"	DATE:	10-19-99	
Stagnant Volume Calcul Total Well Depth (ft) - 30	lation Initial Depth to Water 21.65	= Water Column Heig	ght (ft) -	Time:	8:47
Water column Height (f	t) x Gallons/Linear Foot 0.17		Gallons)		
(Gallons/Linear Foot: 2" dia	a. = 0.17; 4" dia. = 0.66; 6" dia.	= 1.5)			
Groundwater Inspection Floating Product (ft. or	=	Sheen/Iridescence: YC	TS (Odor: YES	

Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	рН	Conductivity	Color/Tur	bidity/Other
9:35	0	6.7	62.5	6.91	775	CLEAR	
9:45	2	6.9	62.5	6.97	880	GRAYISH	SLIGHTLY TURBID
9:55	4	6.8	62.2	7.02	886	GRAYISH	TURBID
10:05	6	6.9	62.2	7.01	885	11	"1
							<u> </u>
							····
			*				

Purged Water Containment	Purge Method Used:	
6 gals stored in / 55 gal (drums); Any	previous drums? Z Capacity S	S
Groundwater Sampling Water Level	Recovery (Depth to groundwater in	feet)
(P) After purging: 25.31 (I) Initially: 21.	65 (S) Before sampling:	
(P-S)/P-I) x 100 = 100 % Total Recovery:	95%	SAMPLE TIME 12:2
Sample Containers (How many? Preservatives	?)	
1 liter amber glass:; 40 ml VOA: REMARKS:	2 , 500 ml polypropylene:	0
SAMPLER: TRIDIB GUHA	SIGNATURE:	111.1

(Print)

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

PROJEC	ΓNAME:	MLK Property	7	PROJE	PROJECT NUMBER: 99006			
SITE AD	DRESS:	4629 Martin L	uther King Jr	. Way, Oakl	and, CA			
WELL N	umber: iM1	W-2 WELI	L CASING D	IA.: み"	DATE	: 10-19-	99	
Total Wel	9	Initial Depth	14	7	umn Height (ft) '. 86		ne: 8:45	
	lumn Height (f 86	t) x Gallons/Li: 0.17	near Foot =	Stagnant V	olume (Gallons) 33			
(Gallons/L	inear Foot: 2" dia	. = 0.17; 4" dia. =	0.66; 6" dia. = 1	.5)				
	ater Inspection Product (ft. or		She	een/Iridescer	nce: NONE	Odor: Mo	·NE	
Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	рН	Conductivity μS	Color/Turt	oidity/Other	
9:00	0	7.7	62.0	6.70	769	CLEAR		
9:10	2	7.9	62.1	6.76	797	YELLOWISH	TURBID	
9:20	4	7.8	62.2	6.81	787	и	И	
9:30 6 7.9 62.2 6.87 793 "							и	

Purged Water Containment	Purge Method Used:	
<u>6</u> gals stored in/_ 55 gal	(drums); Any previous drums? 2 Capacity 55	
Groundwater Sampling	Water Level Recovery (Depth to groundwater in feet)	
(P) After purging: 25.01 (I) I	nitially: <u>22.14</u> (S) Before sampling: <u>22.27</u> Time: <u>12.09</u>	
$(P-S)/P-I) \times 100 = 100 \% \text{ Total}$	Recovery: 95 / SAMPLE TIM	€ 12:10
Sample Containers (How many?	Preservatives?)	
1 liter amber glass:/; 4 REMARKS:	0 ml VOA: 2 ; 500 ml polypropylene: 0	
SAMPIER TO DIE CO	SIGNATURE:	-

SAMPLER: TRIDIB GUAR SIGNATURE: Juick

(Print)

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

MLK Property

PROJECT NUMBER: 99006

SITE AD	DRESS:	4629 Martin L	uther King Jr	. Way, Oakla	ind, CA			
WELL N	umber: M	W-3 WELI	L CASING D	IA.: 2"	DATE	E: 10-19-9	9	
Total We	Volume Calcul Il Depth (ft) - O	Initial Depth	to Water =	Water Colu	ımn Height (ft)	- Time:	8:49	
	umn Height (f ,フ	t) x Gallons/Li	near Foot =	Stagnant Vo	olume (Gallons))		
(Gallons/L	inear Foot: 2" dia	ı. = 0.17; 4° dia. =	0.66; 6" dia. = 1	.5)				
	ater Inspection Product (ft. or		She	een/Iridescen	ice: YES	Odor: YES		
Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	рН	Conductivity µS	Color/Turbidity	/Other	
10:15	0	7.2	62.0	7.00	1192	CLEAR		
10:25	2	7.1	62.1	6.93	1345	GRAY TURB	10	
10:35	4	7.3	62.4	6.92	1340	k 4		
10:45	6	7.1	62.5	6.95	1364	IL B		

Purged W	ater Containn	nent		Purge l	Method Used:			
6 gals	stored in	_ 55 gal (drum	s); Any previo	ous drums?_	2_ Capacity _	55		
Groundwa	ater Sampling	Wate	r Level Recov	ery (Depth t	o groundwater	in feet)		
(P) After	purging: 25.	25 (I) Initially	y: <u>22.30</u> (S	S) Before sar	npling: <u> </u>	Time: 12:29	; -	
(P-S)/P-I)	x 100 = 100 °	% Total Recov	ery: 93	<u>/</u>		SAMPLE	FTIME 12:	30
Sample C	ontainers (Hov	w many? Prese	rvatives?)					

1 liter amber glass: 1 ; 40 ml VOA: 2 ; 500 ml polypropylene: 0

(Print)

SAMPLER: TRIDIB GUITA

REMARKS:

PROJECT NAME:

ADVANCED ASSESSMENT AND REMEDIATION SERVICES

SIGNATURE: Trickelt

PROJECT NAME: MLK Property

PROJECT NUMBER: 99006

SITE AD	DRESS:	4629 Martin L	uther King Jr.	Way, Oakla	nd, CA		
WELL N	UMBER: M	v-4 weli	CASING D	IA.: 2"	DATE	: 10-19-99	
Total Wel	0	Initial Depth	4	0.0	•	- Time: 8:51	
5	8.86	t) x Gallons/Li: O,!* a. = 0.17; 4* dia. =	7	1.5	olume (Gallons)		
Groundwa	ater Inspection Product (ft. or	<u>l</u>		een/Iridescen	ce: Y <i>E</i> S	Odor: Very STRONG G	MSOLINE ODOR
Time	Volume Purged (gal)	Dissolved Oxygen (ppm)	Temperature (degrees F)	рН	Conductivity	Color/Turbidity/Other	
10:50	O	6.7	62.3	7.09	863	CLEAR	
11:00	2	6.6	62.5	7.03	940	GANYISH TURBID	
11:10	4	6.7	62.6	7.04	936	16 11	
11:20	6	6.8	62.6	7.02	945	GRAY VERY SILTY	
					,		
				<u> </u>			
Purged W	Vater Containn	nent		Purge 1	Method Used:		
6 gals	stored in <u>55</u>	≤ 55 gal (drum	ıs); Any previ	ous drums?_2	Capacity :	55	
	ater Sampling				o groundwater		
(P) After	purging: 24.	69 (I) Initially	r <u>21.14</u> (S) Before sar	mpling: 21.4	4 Time: 12:39	
(P-S)/P-I)	x 100 = 100	% Total Recov	ery:92	<u>-1/.</u>		SAMPLE TIME 12:	40
		w many? Prese					
1 liter am	nber glass:	/; 40 ml	VOA: 2		polypropylene:	~2	
SAMPLE	R: TRIDI	B GUHI)	SIGNA	TURE:	Till k. L	
	(Print)			ADVANCE	D ASSESSMENT	AND REMEDIATION SERVICES	

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



PRIORITY ENVIRONMENTAL LABS

Analytical Laboratory

October 25, 1999

PEL # 9910007

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: Oct 19, 1999

Date submitted: Oct 19, 1999 Date extracted: Oct 22-23, 1999 Date analyzed: Oct 22-23, 1999

RESULTS:

SAMPLE I.D.	Gasoline	Diesel	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-1GW	92	56	N.D.	N.D.	0.7	2.2	N.D.	0.6
MW-2GW	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D
MW-3GW	1100	_. ; 190	2.8	1.9	6.1	18	N.D.	1.4
MW-4GW	2300	890	3.9	2.6	11	31	N.D.	4.2
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D
Spiked	,		•	· ·				
Recovery	82.0%	88.7%	93.1%	86.4%	85.3%	94.2%		
Detection								
limit	50	, 50	0.5	0.5	0.5	0.5	0.5	0.5
Method of	5030 /	3510 /						3510
Analysis	8015	8015	602	602	602	602	602	8015

Laboratory Director

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

PRIORITY ENVIRONMENTAL LABS

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663 DATE: 10 /20 /99 PAGE: / OF: / ANALYSIS REPORTARIAN Tridib Guha. PROJECT MOR: CONTAINERS Advanced Assessment and Remediation Services (AARS) CORESS — Hermediation Solvings (* 202 Concord, CA 94520-2137 101AL OIL & GREASE (EPA 5520 C,D&F) PESTICIDES/PCB (EPA 608.8080) ጛ 9910007 PHONE: (925) 363-1999 FAX: (925) 363-1998 SIGNATURE: INV# 28867 2 4035 I AWAY MW-16W 12:20 WATER 20015 MW-2GW 12:10 AMOC 2 VUAS MW-3GW 12:30 1 AMBEC 2VUAS MW-46W 12:40 WATER langu RECEIVED BY: MIPROJECT INFORMATION SO SAMPLE RECEIPT RELINQUISHED BY: 7 RECEIVED BY: REUNQUISHED BY: DUONE TAVID PROJECT NAME: 12 TOTAL # OF CONTAINERS MILK PROTERTY SIGNATURE: SIGNATURE: SIGNATURE: PROJECT NUMBER YES TRIDIE GUAR 99006 RECD, GOOD COND./COLD Date: Time: Thme: INSTRUCTIONS & COMMENTS SILICA GEL CLEANUP 10/20/99 9:50 M 9:50 PRIOR TO ANALYSIS WITH METHOD 8015 COMPANY: COMPANY:

COMPANY:

TABLE