

BP OIL

91 FEB-7 11111: 26

BP Oil Company 2868 Prospect Park Drive, Suite 360 Rancho Cordova, California 95670-6020 (916) 631-0733

February 5, 1991

Ms. Cynthia Chapman Alameda County Department of Health Services 80 Swan Way - Suite 200 Oakland, CA 94612

RE: GROUNDWATER MONITORING REPORT BP FACILITY #11132 3201 35TH AVENUE OAKLAND, CA

Dear Ms. Chapman,

Attached please find a report on the quarterly sampling and analysis at the subject facility.

Please contact me at 916/631-6919 if you have any questions or comments.

Respectfully,

Peter J. DeSantis

Environmental Resource Management

PJD:1k

ALTON GEOSCIENCE, INC.

QUARTERLY GROUND WATER MONITORING AND SAMPLING REPORT

for

BP Oil Company Service Station No. 11132 3201 35th Avenue Oakland, California

January 30, 1991

Prepared by:

Matthéw Hopwood Project Geologist

Reviewed by:

Al Sevilla R.C.E. 26392 Regional Manager

QUARTERLY GROUND WATER MONITORING AND SAMPLING REPORT for

BP Oil Service Station No. 11132 3201 35th Avenue Oakland, California

INTRODUCTION

This report presents the results and findings of the recent quarterly ground water monitoring and sampling activities performed by Alton Geoscience, Inc. at BP Oil Service Station No. 11132, located at 3201 35th Avenue, Oakland, California.

PROJECT BACKGROUND

On July 30, 1986, Kaprealian Engineering, Inc. (KEI) was retained by Mobil Oil Corporation to install three 2-inch-diameter monitoring wells at this former Mobil Oil service station. Monitoring and sampling of the wells, performed by KEI, indicated detectable levels of total petroleum hydrocarbons (TPH) in both MW-1 and MW-2 at levels up to 210 parts per million (ppm).

BP Oil Company subsequently retained Alton Geoscience in May 1990 to conduct a supplemental investigation. Between May and June, 1990, Alton Geoscience supervised the drilling of five additional soil borings, which were converted into four ground water monitoring wells (MW-4, MW-5, MW-6, and MW-7) and one recovery well (RW-1).

Free-floating product was observed in two of the wells (MW-1 and MW-2) while dissolved-phase petroleum hydrocarbon constituents were detected in ground water samples from two of the wells (MW-3 and MW-5).

A supplemental site investigation was completed in August 1990, however, the extent of the hydrocarbon plume in the ground water at the site was not adequately defined at that time. It was therefore proposed that additional investigation should be conducted to define the nature and extent of hydrocarbons in the ground water and develop appropriate remedial measures.

FIELD PROCEDURES

On November 27, 1990, Alton Geoscience monitored Monitoring Wells MW-1 through MW-7 and sampled MW-2, MW-3, MW-4, MW-5,

and MW-7 in accordance with the requirements of the Alameda County Department of Health Services (ACDHS) and the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB).

Prior to purging and sampling, the ground water level in each well was measured from the top of casing to the nearest 0.01 foot using an electronic sounder. Ground water samples were then collected at this time using a hand bailer and visually inspected for the presence of free product or sheen. The thickness of free-floating product, if present, was measured using a Keck interface probe.

Monitoring Wells MW-3, MW-4, MW-5, and MW-7 were purged, using a bailer, of the required 3 casing volumes or until stabilization of pH, temperature, and conductivity was achieved, prior to sample collection. Ground water samples were then collected for laboratory analyses from Monitoring Wells MW-3, MW-4, MW-5, and MW-7 using a clean Teflon bailer, and then decanted into the appropriate containers for delivery to a California-certified laboratory, following proper sample preservation and chain of custody procedures. Monitoring Well MW-6 could not be purged using a bailer due to an obstruction in the casing. Therefore, MW-6 was purged and sampled on December 26, 1990, using a diaphragm pump. The water sampling field survey forms are included in Appendix A.

Because of the presence of free-floating product in Monitoring Wells MW-1 and MW-2, no samples were collected. However, approximately 2 and 3 gallons of free-product/water mixture were bailed from MW-1 and MW-2, respectively.

DISCUSSION OF RESULTS

The results of the ground water monitoring and laboratory analysis of water samples are summarized in Table 1. The official laboratory reports and chain of custody records are presented in Appendix B.

A ground water elevation contour map, based on the December 21, 1990 ground water monitoring data, is shown in Figure 2. The general ground water flow direction at the site is to the south with a hydraulic gradient of 0.01 foot per foot. An isoconcentration map of TPH as gasoline (TPH-G) in ground water is shown in Figure 3.

Evaluation of the results of ground water monitoring and sampling, and analysis indicated the following:

- Approximately 0.58 and 0.48 foot of free-floating product was measured in Monitoring Wells MW-1 and MW-2, respectively, while a sheen was observed in RW-1.
- Between the last two sampling events, the concentrations of TPH-G and benzene have increased in the samples from MW-3, MW-5, and MW-6. TPH-G increased from 280 to 690 parts per billion (ppb) in MW-5, 140 to 190 ppb in MW-3, and from nondetectable to 170 ppb in MW-6.
- The concentration of TPH-G in the samples from MW-4 and MW-7 remain nondetectable, except for 0.8 ppb of total xylenes detected in the sample from MW-4.

PROPOSED ACTIVITY

Alton Geoscience, Inc. has applied for encroachment permits from the City of Oakland in order to install additional offsite wells. It is anticipated that these wells will define the lateral extent of hydrocarbon affected ground water at the site. Additionally, free-floating product will be periodically removed from MW-1 and MW-3 as an interim remedial measure.

Table 1: Summary of Results of Water Analysis BP Oil Campany Service Station Mo. 11132 Project Number: 30-081-01 Concentration in parts per billion (ppb)

MELL (D	DATE OF SAMPLING/ MONITORIN	TOC ELEVATION (ft) S	DEPTH OF WATER (ft)	FREE PRODUCT (ft)	GROUND WATER ELEVATION (ft)	TPH-8 (8015)	8 (8020/ 602)	T (8020/ 602)	E 8020/ 607)	x (80207 602)	ANALYTICAL LA8
RW-1	07/09/90	168.01	27.93	Sheen			•••				
R#-1	12/21/90 / /		20.79	Sheen	147.22	•••			•••		
MW-1	07/09/90	169.75	21.46	0.22							
NW-1	12/21/90 / /		22.72	0.58			•••			•	
HH-2	07/09/90	168.14	20,24	0.1							
MW-2	12/21/90 / /		21.46	0.48		•-•	•••			•••	
HH-3	07/09/90	167.17	18.96	0.0	148.21	140	5.3	4.6	2.0	3.8	1A
MW-3	12/21/90 / /		19.72	0.0	147.45	190	100	6.0	0.9	27	SAL
MH-4	07/09/90	170.36	21.30	0.0	149.06	NB(1	ND(S.O	NDK 5.0	MD(5.0	ND(5.0	ΑĪ
HW-4	12/21/90 / /		22.25	0.0	149.11	ND< 50	MD(0.3	ND(0.3	MD<0.3	0.8	SAL
NN-5	07/09/90	165.14	17.97	0.0	147.17	280	200	210	46	290	AI
MW-5	12/21/90 / /		18.93	0.0	146.21	690	300	34	8.4	39	SAL
MW-6	07/09/90	165.40	17.20	0.0	148.20	ND(1	ND<5.0	ND(5.0	ND(5.0	ND(5.0	1A
MW-6	12/21/90	.*	17.88	0.0	147.52	+					
MK-6	12/26/90 / /	/	٠ وووير			170	2.6	7.0	4.9	26	SAL
HN -7	07/09/90	167.60	19.70	0.0	147.92	NDC1	ND(5.0	ND(5.0	ND(5.0	ND(5.0	AĪ
HK-7	12/21/90	: *	20.58	0.0	147.02	NB<50	NO<0.3	MD<0.3	ND<0.3	NDK0.3	SAL
				Jr.							

AI : Anametrix Inc.

EXPLANATION TO ABBREVIATIONS:

IPH-6 : Total Petroleum Hydrocarbons as Gasoline SAt : Superior Analytical Laboratory (EPA method 8015 modified) TOC : Top of Casing Elevation

B : Benzene (EPA method 8020) --- : Not analyzed

T : Tolumen (EPA method 8020) NDC : Not detected above reported detection limit.

E : Ethylbenzene (EPA method 8020) NA : Not applicable

I : Xylenes (EPA method 8020) ft above msl : Feet above Mean Sea jevel

Source: U.S.G.S. Map, East Oakland, California Quadrangle

7.5 minute series. 1959. Photorvised 1980.

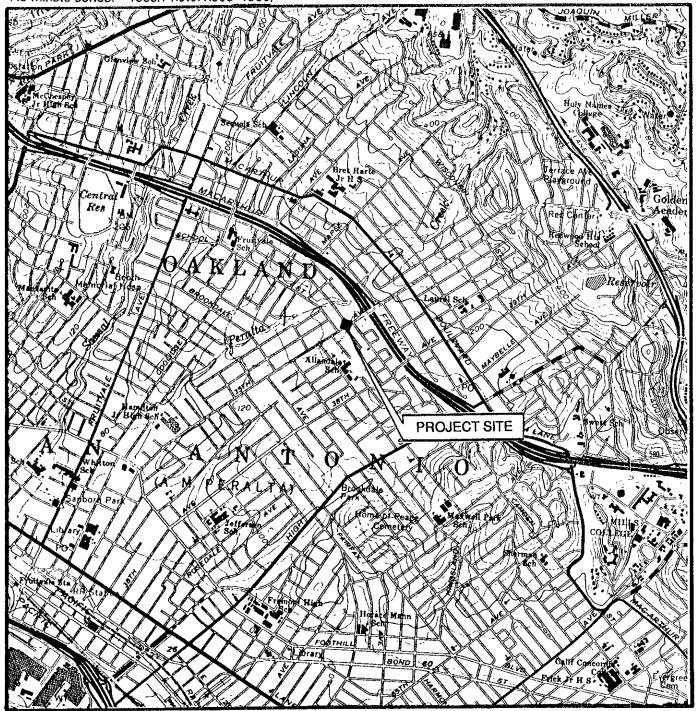


FIGURE 1 SITE VICINITY MAP

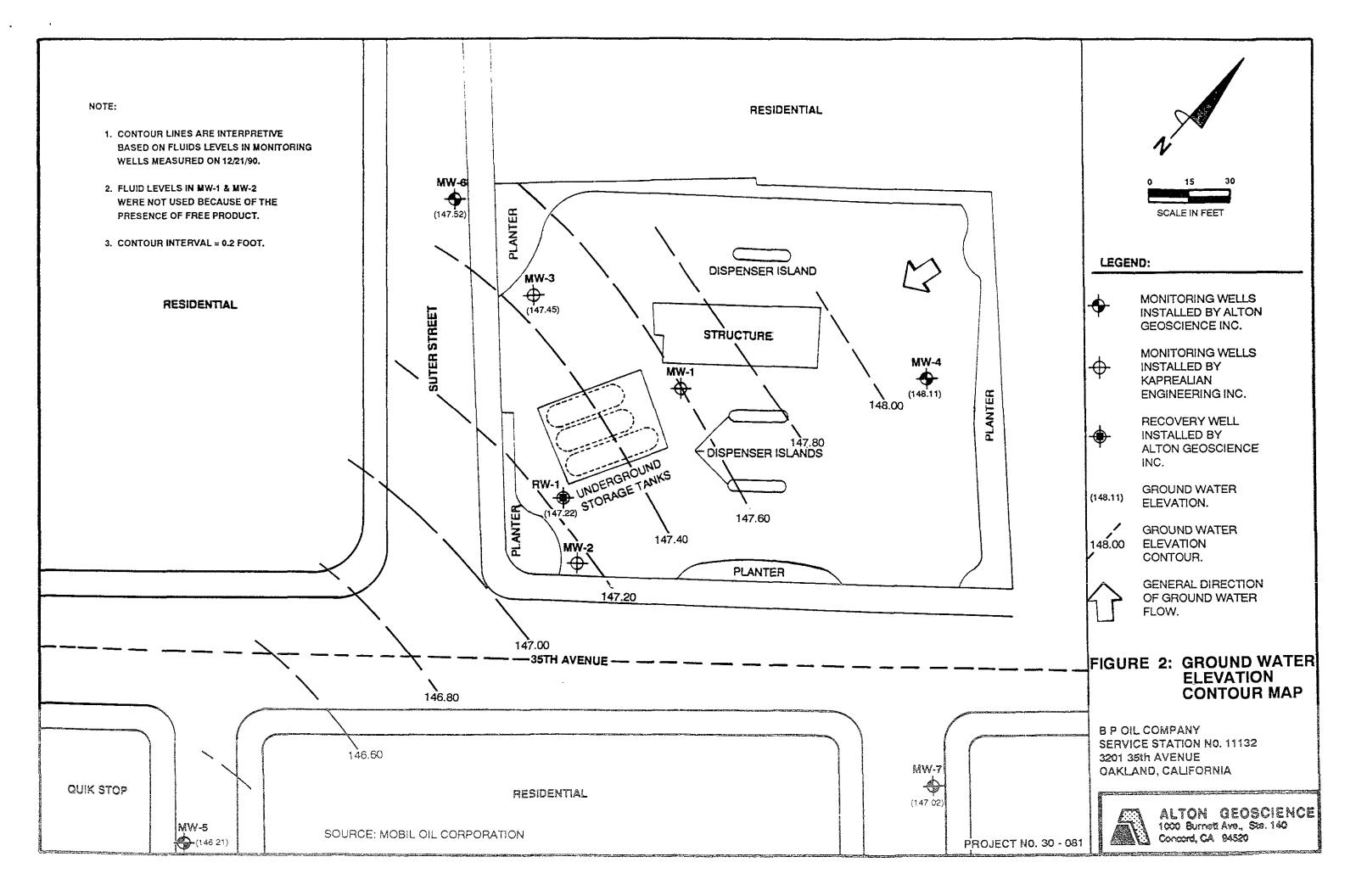
0 1000 2000 SCALE IN FEET B P SERVICE STATION NO. 11132 3201 35TH AVENUE OAKLAND, CALIFORNIA

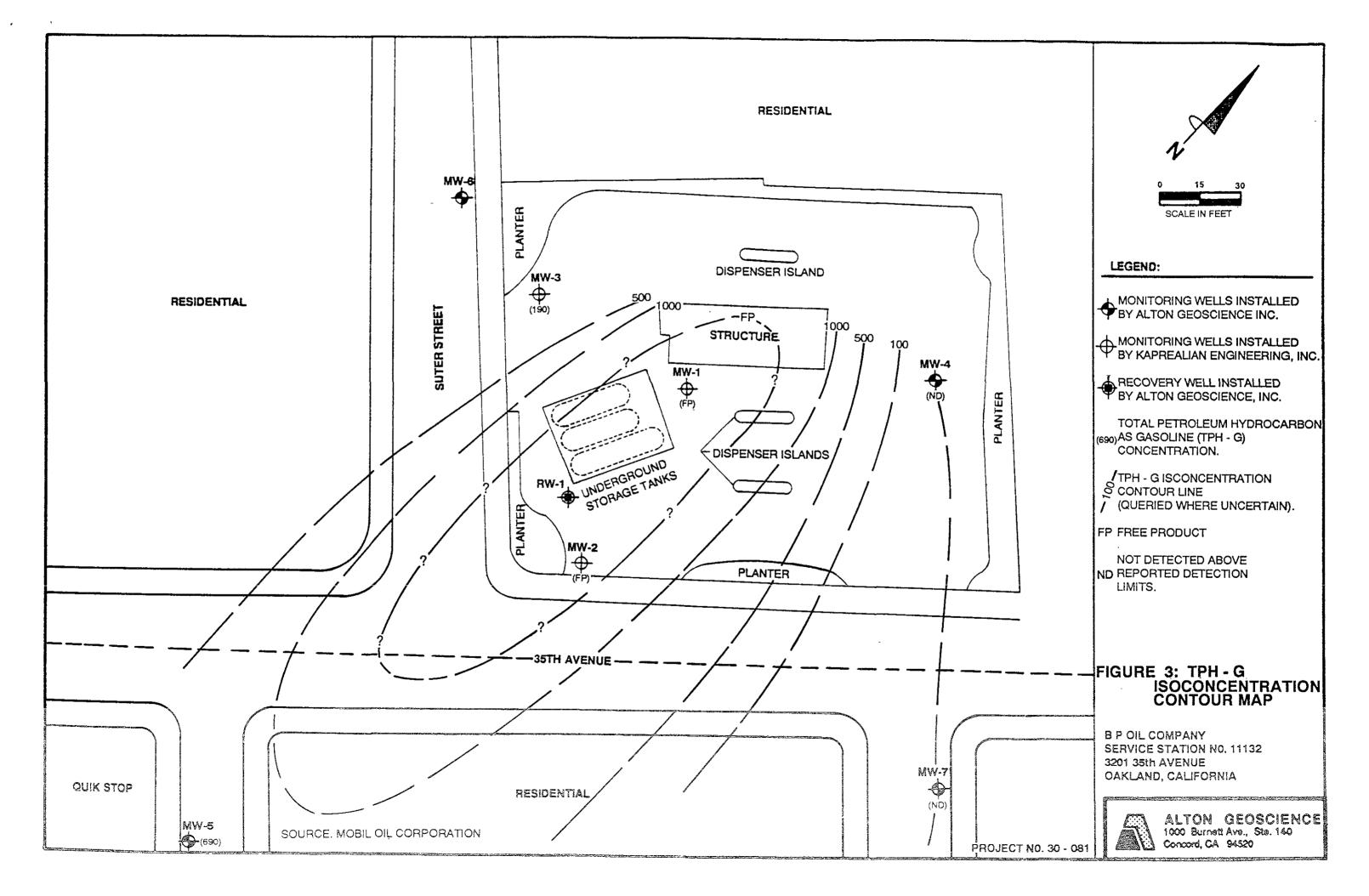
PROJECT NO. 30 - 081



ALTON GEOSCIENCE

1000 Burnett Ave., Ste 140 Concord, CA 94520





ATTACHMENT A WATER SAMPLING AND FIELD SURVEY FORMS

DAILY FIELD REPORT

CHIPPINIV Complian		
IOB NAME: PR OAKlAND	PROJECT NO.: 30-081	DATE: /2/26/90
LOCATION: 3201 35th Are.	WEATHER: SUNNY	DAY: Wednesday
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Tim QUAM	INSPECTION TESTING OF Sampling MW-6	
SUMMARY OF OPERATIONS:		
11 Am Attempted obtaining a wa	ter SAMPLE from MW-6	Using a
2 foot (2-in. bailer) The	backer would stickin the	R Casing
at 6 15.6' from topot	Casing.	
12:30 Returned to the Warehouse an	d rigged together the p	ump W/linch
max and returned to BP Su	te in Onkland	
The lines have worked.		
1415 Obtains the samples from	MW-6 and refurned to	CONCORD.
	·	
·		
·		ALTON GEOSCIENCE 1170 Burnett Ave., Ste. S Concord, CA 94520
		Concord, CA 94520

				N BP - Oakand Di	
				IG METHOD: BAILER V PUM	
ECONTAMIN	ATION METHOD	: TRIPLE	RINSE W/T	SP AND DEIONIZED WATER STEAM CLEAN	<u>.</u>
TELL DATA:	ATER <u> 22.72</u> ft		/ERSION	Volume of Water Column	Free Product
	H 34.80 ft	② in 3 in	X0.16 X0.36 X0.65	Volumes to Purge	x Vol
IT. WATER	COL 12.08 ft	6 in	X1.44	Total Volume to Purge	gal
CHEMICAL D	ATA:				
T (F)	SC/umhos	рН	Time	Comments	Volume (gal)
				Free Product (did not Sample)	
			<u>, _ , _ , _ , _ , _ , _ , _ , _ , _ , _</u>		
	+				
L	.1			ACTUAL VOLUME PURGED	/gal

COMMENTS:

AMPLING TE	AM TQ		SAMPLIN	ON BP Cakland IG METHOD: BAILER V P ISP AND DEIONIZED WATE STEAM CLEAN	UMP
	ATER 21.46 ft H 34.39 ft COL 12.93 ft		x0.36 x0.65	<u>-</u>	umn ga]
T (F)	SC/umhos	рн	Time	Comments	Volume (gal)
				Free Product (did not san	iple)
				ACTUAL VOLUME PURGE	D /ga

COMMENTS:

SAMPLING T	TEAM TQ		SAMPLI	NG METHOD: BAIL ISP AND DEIONIZ	
TOTAL DEPT	NATER 19.32 ft PH 34.52 ft COL 14.80 ft	dia ② i 3 i	n X0.36 n X0.65	Volumes to P	ter Column 2.4 gal urge X3 Vol to Purge 7 gal
T (F)	SC/umhos	Вq	Time	Commen	ts Volume (gal)
52.9	5300	4.30	1650	clean No shee	. N
57.8	5770	4.17	1655	Slightly Sitty	ı
60.6	5940	4.14	1700	4 4	١
60.9	5960	4.12	1705	4 4	ı
60.6	597.0	4.12	1710		1

1715

1720

27

/gal

ACTUAL VOLUME PURGED

4.11

4.11

COMMENTS:

61.4

61.7

6120

5980

	-			G METHOD: BAILER V SP AND DEIONIZED WAY STEAM CLEAN	TER 🗸
OTAL DEPT	TATER 22.25 ft TH 38.83 ft COL 16.58 ft	dia Cai 3 i	n X0.65	Volume of Water C Volumes to Purge Total Volume to P	x_3 Vo
HEMICAL D	SC/umhos	рĦ	Time	Comments	Volume (gal)
52.5	4180	4.49	1615	Silly No Sheen	/, 2
58.3	4450	4.37	1620		1,2
59.3	4750	4.32	1625		1,2
59.6	4780	4.29	1630		1.2
60.6	4470	4.28	1635		1,2
4	4750	4.26	1640	1 1	1.2

4.24

4540

1645

ACTUAL VOLUME PURGED

/gal

COMMENTS:

588

SAMPLING T	eam <u>TQ</u>		SAMPLI	ON BP- Oct/AND NG METHOD: BAILER V TSP AND DEIONIZED WAT STEAM CLEAN	PUMP ER <u> </u>
TOTAL DEPT	ATER <u>1893</u> ft H 30.95 ft COL /2.02 ft		n X0.36 n X0.65	Volume of Water Co Volumes to Purge Total Volume to Pu	x <u>3</u> vol
T (F)	SC/umhos	рН	Time	Comments	Volume (gal)
56.1	6260	5.15	1515	NO Sheen - Silty	/
61.4	6180	4.62	1520		
61.9	6900	4.49	1525		/
627	6980	4.40	1530		
61.6	6880	4.35	1535		/
61.0	6930	4.30	1540		
62,0	6970	4.26	1545		,

ACTUAL VOLUME PURGED

= 7 /gal

COMMENTS:

				on <i>BP Ochlon</i> ng method: bailer v pi	
CONTAMIN	ATION METHOL	: TRIPLI	RINSE W/	TSP AND DEIONIZED WATER STEAM CLEAN	R V
	ATER/ <u>788</u> ft H 3 <u>45/</u> ft		1 X0.36	Volume of Water Column Volumes to Purge	
. WATER	COL K.63ft	6 ir		Total Volume to Pure	ge 🔼 ga
EMICAL D	ATA:			. •	,
	SC/umhos	рН	Time	Comments	Volume (gal)
	1	рН	Time	Couldn't sample . backer	(gal)
	1	рН		Couldn't sample . backer	(gal)
	1	рН	1300		(gal)
	1	рĦ	1300 1305	Couldn't sample . backer	(gal) // 2 // 2
	1	рН	1300 1305 1310	Couldn't sample . backer	(gal) 1.2 1.2 1.2
	1	рН	1300 1305 1310	Couldn't sample . backer	(gal) 1.2 1.2 1.2 1.2

COMMENTS: Couldn't get baiker down to ground water, backer would stick in casing.

Made an attempt w/4' & 2' bailers: Both get stuck 6 15.6 from T.O.C.

WELL # MW-6 PROJECT#	30-081	LOCATIO	NBP Cakland	DATE 12/26/90
SAMPLING TEAM TIM QUE	· Y.C	SAMPLIN	G METHOD: BAILER	PUMP <u>V</u>
DECONTAMINATION METHOD:	TRIPLE	RINSE W/T	SP AND DEIONIZED WATE STEAM CLEAN _	ER
WELL DATA:	CONV	ERSION		
DEPTH TO WATERft	diam-	gal/ft- X0.16	Volume of Water Col	.umn gal
TOTAL DEPTHft	3 in	X0.36 X0.65	Volumes to Purge	
HT. WATER COLft	6 in		Total Volume to Pur	ge 10 gal
CHEMICAL DATA:				

T (F)	SC/umhos	рН	Time	Comments	Volume (gal)
62.4	4350	4.88	1330	3lty No Steen	1.4
65.0	3550	5.01	1335		14
65.7	3760	4.90	1340		1,4
65.8	3380	4.87	1345		1.4
65.6	3560	4.84	1350		1.4
65.7	3620	4.80	1355		1.4
65.8	3600	4.79	1400		1.4
				ACTUAL VOLUME PURGED	10 /ga

COMMENTS: Sampled this monitoring well using deaphrom pump and

* Did not record depth to water. Used measurements from 12/21/90.

SAMPLING T	PEAM TO		_ SAMPLII	ON <u>BP Callow</u> IG METHOD: BAILER V ISP AND DEIONIZED W STEAM CLEA	PUMP ATER
TOTAL DEPT	NATER <u>2058</u> ft TH <u>3448</u> ft COL <u>(3.90</u> ft	dia 2 i 3 i	ONVERSION m gal/ft x0.16 n x0.36 n x0.65 n x1.44	Volume of Water Volumes to Purge Total Volume to	X_SVol
CHEMICAL I	DATA:				
T (F)	SC/umhos	рН	Time	Comments	Volume (gal)
52.5	6380	4.37	1540	Clear No Sheen	/
57.7	7200	4.25	1545		/
58.5	6910	4.23	1550	silty	1
59.1	7560	4.22	1555		1
57.9	7030	4.22	1600		/

1605

1610

4.22

4.20

1

1

ACTUAL VOLUME PURGED

≈ 7 /gal

COMMENTS:

57.9

59.3

58.Z

6960

7200

WELL # <u>Rw-1</u> PROJECT# <u>3</u> SAMPLING TEAM	····	SAMPLING	METHOD: BAILER V	PUMP TER
WELL DATA: DEPTH TO WATER 20.79ft TOTAL DEPTH 38.36 ft HT. WATER COL 12.57 ft	3 in 4 in	al/ft- X0.16 X0.36	Volume of Water Convolumes to Purge Total Volume to P	olumn <u>25,3</u> gal
CHEMICAL DATA:				

T (F)	SC/umhos	Ħq	Time	Volume (gal)	
29,1	1950	4,46	1800	Clear No Skeen	1,4
32.7	8650	4.13	1805	·	4
39. 3	9120	4.03	1810		\ 4
47.7	1480	3,99	1815	Silty Sheen	4
57.8	9760	3.95	1820		4
57.5	9750	3.94	1825		4
57,4	9500	3.14	1830		4
				ACTUAL VOLUME PURG	ED 28 /ga

COMMENTS: Rir temp < 32°F

ATTACHMENT B

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319 DOHS #220

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 82178 CLIENT: Alton Geoscience CLIENT JOB NO.: 30-081 DATE RECEIVED: 12/27/90 DATE REPORTED: 01/09/91

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES by EPA SW-846 Methods 5030 and 8020

		Concentration(ug/L) Ethyl						
LAB #	Sample Identification	Benzene	Toluene	Benzene	Xylenes			
1 2 3 4 5	MW-3 MW-4 MW-5 MW-6 MW-7	100 ND<0.3 300 2.6 ND<0.3	6.0 ND<0.3 34 7.0 ND<0.3	0.9 ND<0.3 8.4 4.9 ND<0.3	27 0.8 39 26 ND<0.3			

ug/L - parts per billion (ppb)

Method Detection Limit in Water: 0.3 ug/L

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15% MS/MSD Average Recovery = 96%: Duplicate RPD = <8

Richard Srna, Ph.D.

*

) 1807 |-

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 · MARTINEZ, CALIFORNIA 94553 · (415) 229-1512

DOHS #319 DOHS #220

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 82178 CLIENT: Alton Geoscience CLIENT JOB NO.: 30-081 DATE RECEIVED: 12/27/90 DATE REPORTED: 01/09/91

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/L) Gasoline Range
1	MW-3	0.19
2	MW-4	ND<0.05
3	MW-5	0.69
4	MW-6	0.17
5	MW-7	ND<0.05

mg/L - parts per million (ppm)

Method Detection Limit for Gasoline in Water: 0.05 mg/L

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15 MS/MSD Average Recovery = 78%: Duplicate RPD = 3

Richard Srna, Ph.D.

Laboratory Manager

ALTON GEOSCIENCE 1000 BURNETT ST., #140 CONCORD, CA 94520 (415) 682-1582			CHAIN of CUSTODY RECORD PAGE / of /					DATE: 12/27/90														
									RESULTS DUE BY:													
PROJEC	T NUMBER: 30-	081	PROJ	ECT NAME AND	ADDRESS:	BPO	//	Pvi.	rter	14	CHI	אקיני	ing									
PROJEC	TMANAGER: MA	AH Hopwood	SAME	ECT NAME AND	320x1 RE: ///	35; Ny 1	4 F	105 1711	ァ (カ・	pi K	? - J	יי ע	7.2 ABO	RAT	ORY:	: 5	spe	1/16	1			
REMARK	REMARKS OR SPECIAL INSTRUCTIONS:							SAMPLE PREP.				SOIL ANALYSIS					WATER ANALYSIS					
NOTE: PLEASE INDICATE VERBAL REQUESTS FOR ADDITI THIS BOX.			ONAL ANALYSES IN		NUMBER OF CONTAINERS	SOLV. EXTR.	3810: HEAD SPACE	5030: PURGE & TRAP	; / ETEX	418.1: TPHC (IR)	8010: HALOCARBONS	8020; BTXE	DHS METHOD: TPHC (GC)	7420: TOTAL Pb		418.1: TPHC (IR)	601: HALOCARBONS	ZE	DHS METHOD: TPHC (GC)	7421: TOTAL Pb		
SAMPLE NUMBER	SAMPLE DATE/TIME	LOCATION/ DESCRIPTION	SAMPLE		E TYPE:		3510:	810:	930	TPH.6	18.1:	950	ő	ES.	420:		18.1:	<u> </u>	602: BTXE	보S	121:	
NOMBER	DATETIME	DESCRIPTION	MATERI	AL GRAB	COMP.		e.	6	2	7	4	8	ĕ		7		*	ğ	8	۵		
MW-3	12/21/90 1800	MW.3	WATEK	X		3				X												
mw-4	12/11/10 1800	mu-4				3				X												
mw.5	12/2/10 1230	mw-5				3				X												
	12/26/90 1415					3				×												
mw-7	12/21/10 1745	MW-7				3				×												
DEL INOVA	ISUEDYDY: 7		1000	OF CON	AL NO. NTAINERS:																-	
11 m	ISHED BY:	G. C		DBY: Vent	xazers	-,5	- 1		TIME	: > 欠 ₹		MET	HOD	OF	SHIP	MEN	VT:			-		
RÉLINQUISHÉD BY: RECEIVE			D BY:								SHIPPED BY:											

SHIPPED BY:

COURIER:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY:

DAILY FIELD REPORT

JOB NAME: BY OAKING	PROJECT NO.: 30-081	DATE: 12/21/90						
LOCATION: 3201 35 H AM	WEATHER: SUNRY /COO! DAY: Friday							
CONTRACTOR:	FOREMAN:							
FIELD TECHNICIAN: Tim Q.	INSPECTION TESTING OF QUARTERLY MONIFORNY							
SUMMARY OF OPERATIONS: 1130 Arrived pt	site.							
Obtained depth to water measure		well.						
Free product in MW-1/MW-2		······································						
Begin purging wells - Started	W/mw-6 + mw-5, mw-7	, MN-4						
120 Completed muyer of wellow								
1900 Completed compling MW's								
Bailed O 3 gallono from	mw-2 (of dissolved produ	ret)						
Buten 5 golfons from	m MW-1 (dissolve) pre	shut)						
20 ov Reft for Concord								
		Marie and the second						
15.4								
· who cot the	lock on MW-3 (it would not	t ma)						
	Christy box foll of N20							
* Callit at	Didnot sample MW-6.	rause it would						
- li V in apsing -	Didnot sample MW-6.	Tried Z						
miles - buth ste	ock.							
Kuijo pari								
·								
		u ton ceccienci						
	1	LTON GEOSCIENCE 170 Burnett Ave., Ste. S oncord, CA 94520						