99 FEB 18 PM 3: 33

February 17, 1999

Mr. Tom Peacock Alameda County Health Care Services Agency 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502

> Re: The Salvation Army 810 Clay Street Oakland, CA 94604

Dear Mr. Peacock:

Enclosed please find an environmental site assessment report prepared by Ceres Associates for a potential buyer of the site. Our client, The Salvation Army, is the owner of the property. They would like to work toward obtaining case closure at this site. They would appreciate any regulatory guidance you may offer. I understand that you will require a deposit to open this case. Our client has requested that the deposit request be made in writing directly to them. Their address is as follows:

Major Al Summerfield The Salvation Army 810 Clay Street, P.O. Box 12397 Oakland, CA 94604

If you have any questions, please feel free to call me at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Robert E. Kitay, R.G., R.E.A.

Senior Geologist

January 25, 1999 Project CA451-2

Paula Mock
P. Mock Investments
554 8th Street
Oakland, California 94607

Soil and Groundwater Sampling Report
Salvation Army Facility
810 Clay Street
Oakland, California

Dear Ms. Mock:

On January 11, 1999, Ceres Associates conducted soil and groundwater sampling at the Salvation Army facility located at 810 Clay Street, Oakland, California (Property) (see Figure 1). The sampling was conducted to assess whether or not subsurface soil and groundwater beneath the Property has been affected by previous use of the Property and to assess regional groundwater conditions.

BACKGROUND

In approximately 1965, the current structure, which includes a basement, was built at the Property.

In December 1998, Ceres Associates conducted a Phase I Environmental Site Assessment (ESA) of the Property. Based on a review of historical aerial photographs and business directories, it appeared that a portion of the Property was in use as a gasoline service station from at least 1939 through approximately 1965. No information was not found to indicating the condition of the underground storage tanks (USTs), or details regarding their removal from the Property.

Based on the results of the December 1998 ESA, P. Mock Investments elected to conduct a subsurface soil and groundwater investigation to assess if previous operations at the Property had impacted subsurface conditions.

SCOPE OF WORK

Ceres Associates conducted the following scope of work on November 20, 1998 to assess soil and groundwater quality conditions beneath the Property:

Outlined proposed sample areas for Underground Services Alert notification (USA);

- Obtained necessary permits from the Alameda County Water District (ACWD) and City of Oakland Office of Planning and Building (OPB) (see Appendix B);
- Advanced three (3) Geoprobe® borings in and/or around areas suspected of previously containing USTs;
- Collected soil and grab groundwater samples and submit for laboratory analysis; and
- Prepared report of findings.

ASSESSMENT ACTIVITIES

Mobilization for field investigation activities included: notification of Underground Services Alert (USA) regarding field operations at the Property, preparation of a site specific health and safety plan, and scheduling the field activities with the appropriate subcontractors and Property contacts. Appropriate permits were obtained from the ACWD and OPB prior to conducting proposed field activities.

SAMPLE METHODOLOGY

Soil and groundwater samples were collected using Geoprobe® sampling equipment provided by Vironex, Incorporated (Vironex) of Hayward, California. The Geoprobe® sampler utilizes direct push technology to collect soil and groundwater samples from specific subsurface depths without generating soil cuttings. The Geoprobe® sampling system consists of a series of 1.5-inch diameter hollow stainless steel rods which are hydraulically driven into the ground using a truck-mounted pneumatic hammer. Soil samples are collected by driving a 2-foot long stainless steel sample sleeve attached to the end of the steel rods into soil at a specified sample depth. Soil samples are then collected in an acetate sample tube installed inside the sample sleeve. After the rod assembly has been hydraulically extended to the target sample depth, the sample sleeve is retrieved to ground surface and the sample tube containing soil from the appropriate sample interval is capped with Teflon®-lined plastic end caps, placed in a Ziploc® bag and stored in a chest cooled with ice. Soil from each sample interval was used for lithologic description and field screening purposes.

Groundwater samples were collected using Hydropunch sampling equipment and polyethylene tubing with a check-ball fluid delivery system. The Hydropunch sampler consists of a 4-foot long, %-inch diameter temporary stainless steel well screen which is used to create a conduit between groundwater and ground surface. Once groundwater was drawn towards ground surface via the polyethylene tubing, it was discharged into the appropriate sample containers and placed in a chest cooled with ice for transport to the analytical laboratory.

After the soil borings had been completed each borehole was backfilled to within 3 or 4-inches of the ground surface with 5% bentonite and neat cement, and the remainder of the hole was filled with asphalt patch.

SAMPLE LOCATIONS

01/25/99

Based on the regional groundwater gradient and information obtained from nearby sites it appears that the local groundwater gradient is to the southwest. Based on the assumed gradient direction, soil borings SB-1 through SB-2 were located downgradient of the USTs and associated fuel delivery systems. SB-3 was advanced in an upgradient groundwater flow direction to assess the potential for upgradient sources to impact the environmental quality of the Property (Refer to Figure 1). Discrete soil samples were collected from approximately 15 feet beneath ground surface (bgs), and grab groundwater samples were obtained from approximately 28 feet bgs.

SAMPLE ANALYSIS

Soil and groundwater samples collected for laboratory analysis from SB-1 through SB-3 were submitted to McCampbell Analytical, Incorporated (MAI), a State of California-certified laboratory located in Pacheco, California. The soil and groundwater samples were analyzed for total petroleum hydrocarbon compounds as gasoline (TPH-g) and diesel (TPH-d) using United States Environmental Protection Agency (U.S. EPA) Method 8015-modified, methyl tertiary-butyl ether (MTBE), benzene, toluene, ethylbenzene and total xylenes (BTEX) using U.S. EPA Method 8020/602 and halogenated volatile organic compounds (HVOCs) using U.S. EPA Method 8010.

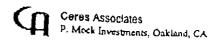
LITHOLOGIC CONDITIONS

Based on the soil types encountered during this investigation, native soil underlying the Property appear to consist of dark brown to dark olive brown sandy silt and sand with low plasticity. Petroleum odors were not detected in soil samples collected from SB-2 or SB-3. Soil sample SB-1 exhibited a strong petroleum odor. Groundwater was encountered at approximately 28 feet bgs and it remained at this depth while groundwater samples were collected from each boring.

ANALYTICAL LABORATORY RESULTS

TPH-d was detected in soil and groundwater samples collected from all three borings at concentrations ranging from 3.3 milligrams per kilogram (mg/kg) to 1,000 mg/kg in soil samples and at concentrations ranging from 380 micrograms per liter (μ g/L) to 1,000 μ g/L in groundwater samples. TPH-g was detected in only the soil sample and groundwater sample collected from SB-1 at concentrations of 3,800 mg/kg and 610 μ g/L, respectively. MTBE was not detected in any soil or groundwater samples submitted for analysis. Benzene, toluene, ethylbenzene and xylenes were detected above method detection limits in samples collected from SB-1. Benzene was detected in samples SB-1 and GW-1 reported at concentrations of 22 mg/kg and 47 μ g/L, respectively. Low levels of toluene and xylenes were also detected in samples GW-2 and SB-3. Volatile Halocarbons were not detected in any of the soil and groundwater samples submitted for analysis.

The analytical laboratory reported that TPH-g detected in SB-1 was indicative of "aged" gasoline. This appears consistent with the TPH-g to BTEX ratios which are indicated as aged or degraded hydrocarbons.



Target analytes which were reported above the method detection limit concentrations in various soil and groundwater samples during this investigation are tabulated in Table 1, and copies of the analytical laboratory data sheets are provided in Appendix A.

Table 1

Analytical Laboratory Results

Sample	5ample	Matrix	Auslytical Laboratory Results (ppm)									
Depth			TPH- dieset	TPI)-	Benzene	Tolorae	Efbylbenzene	Xylenes	MTHE			
SB-1	15	soil	000,1	3,800	22	88	28	170				
GW-1	28	water	0.61	0.61	0.047	0.030	0.026	170	<0.05			
SB-2	15	šcil	1.3	<1.0	<0.005	<0.005		0.129	≪0.005			
GW-2	28	Water	0.52	<0.050	<0.0005		<0.005	<0.005	<0.05			
SB-3	15	soil	5,6			0.00056	<0.0005	0.0019	<0.00\$			
CM2			-3.0	<1.0	<0.005	0.009	<0.005	0.016	≪0.05			
gW-3	28	water	85.0	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<0.005			

Groundwater samples were reported by the analytical laboratory in micrograms per liter (µg/l), which are equivalent to parts per billion (ppb). Soil samples were reported in milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm) However, to reduce confusion all soil and groundwater samples shown in the above table have been convened into their equivalent parts per million (ppm) concentrations for comparison purposes. Sold type indicates detected above laboratory reporting concentration.

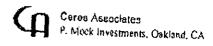
SUMMARY AND CONCLUSIONS

Based on historic use of the Property, the analytical laboratory results submitted by MAI and Ceres Associates' observations in the field, it appears that the former use of the Property as a vehicle repair facility and/or gasoline service station have adversely impacted soil and groundwater beneath the Property. The levels of TPH-d, TPH-g and BTEX compounds in soil and groundwater reported for SB-1 relative to SB-2 and SB-3 indicates that the historic use of the former gasoline service station caused a release that impacted Property soil and groundwater. In addition based on TPH-d being detected in groundwater at all three locations (including the upgradient samples collected from SB-3), it appears that a regional wide hydrocarbon groundwater plume is also impacting the Property and surrounding area. The source of the TPH-d is unknown at this time.

LIMITATIONS

Much of the information on which the conclusions and recommendations of this report are based, comes from data provided by others. Ceres Associates is not responsible for the accuracy or completeness of this information. Inaccurate data provided by others, as well as information that was not found or made available to Ceres Associates, may result in a modification of the conclusions presented in this report.

It is possible unpermitted, undocumented or concealed improvements or alterations to the Property



could exist beyond what was found during assessment activities. Variations in Property specific soil and groundwater conditions are probable beyond what field characterization can record. Changes in the conditions found on the Property could occur at some time in the future due to variations in environmental and physical conditions.

In today's technology, no amount of assessment can ascertain that the Property is completely free of environmental concern.

Any geologic and hydrogeologic data are for drawing conclusions, by Ceres Associates, within the context and timing of this report only.

This report was prepared for the sole use and benefit of P. Mock Investments. This report is not a legal opinion and does not offer warranties or guarantees.

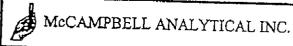
If you have any questions regarding this report, please contact me at (925) 825-4466.

Sincerely,

Ceres Associates

Craig W. Hiatt Project Environmental Specialist

Michael Siembieda, R.G. 4007 Director of Environmental Services Appendix A -- Analytical Laboratory Results



110 Second Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com

		• •
Ceres Associates	Client Project ID: #CA451-2	Date Sampled: 01/11/99
5040 Commercial Circle, Ste F		Date Received: 01/11/99
Concord, CA 94520	Client Contact: Craig W. Haitt	Date Extracted: 01/11/99
	Client P.O:	Date Analyzed: 01/11/99

01/18/99

Dear: Craig

Enclosed are:

- 1). the results of 6 samples from your #CA451-2 project,
- 2), a QC report for the above samples
- 3), a copy of the chain of custody, and
- 4), a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Ducctor

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

	ssociates		Client P	roject ID:	#CA451-2		Date Samp	oled: 01/11/	99	
5040 C	ommercial Cu	rcle, Ste F				Date Received: 01/11/99				
Concord	L CA 94520		Client C	Contact: Cr	aig W. Hai	tt '	Date Extracted: 01/11/99			
			Client P		·		Date Analy	/zed: 01/11	-01/15/99	
Gasolii EPA meth	ne Range (Co	-C12) Vo ed 8015, and	latile Hydro 8020 or 602; C	carbons a	is Gasoline	ot, with M			* & BTEX*	
Lab ID	Client ID	Matrix	ТРН(д)*	МТОЕ	Benzene		Ethylben- zeng	Xylenes	% Recovery Surrogate	
01554	SB-1	S	3800,b.j	ND<10	22	88	28	170	97	
01555	GW-1	w	610,4	ND	47	30	26	120		
01556	\$B-2	S	סא	ND	ND	ND	ND	ND	95	
01557	GW-2	w	ND	ND	ND	0.56	ND	1.9	104	
01558	\$8-3	S	ND	ND	ND	0.009	ND	0.016	94	
01559	GW-3	w	DИ	ND	ND	ND	ND	ND	93	
									· · · · · · · · · · · · · · · · · · ·	
										
									· <u>····</u>	
										
						~			~	
otherwise	imit unless suited; ND stacted above	W	50 ug/L	5.0	0.5	0.5	0.5	0.5		
	ing limit	S	1 0 mg/kg	0.05	0.005				ı	

[&]quot; water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

0.005

0.005

0.05

1.0 mg/kg

0.005

0.005

the reporting limit

cluttered chromatogram; sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; c) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.



McCAMPBELL ANALYTICAL INC.

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Ceres Associ	iates	Client Project ID	ent Project ID: #CA451-2 Date Sample				
5040 Comm	ercial Circle, Ste F			Date Received: 01/11/99 Date Extracted: 01/11/99			
Сопсогф, СА	. 94520	Client Contact: C	Iraig W. Haitt				
		Client P.O:		Date Analyzed: 01/11-01/12/99			
EPA methods m	Diesel R odified 8015, and 3550	ange (C10-C23) Ext or 3510; California RWQC	ractable Hydrocari B (SF Bay Region) meth	bons as Diesel * ood GCFID(3550) or GCF	ID(3510)		
Lab ID	Client ID	Матіх	TPH(d) ⁺		% Recovery Surrogate		
01554	SB-I	S	1000,d	<u> </u>	118		
01555	GW-1	w	610,d,b		107		
01556	SB-2	9	7.1				

1 01-54	1 !		
01554 SB-1	\$	1000,d	118
01555 GW-1	w	610,d,b	107
01556 SB-2	S	3.3,6	104
01557 GW-2	W	520,b,g	105
01558 SB-3	S	5.6,b	104
01559 GW-3	w	380,b,g	106
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Reporting Limit unless otherwise stated; ND means not detected above	W	30 ug/L	
the reporting limit	\$	1.0 mg/kg	

^{*} water and vapor samples are reported in ug/L, wipe samples in ug/vipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/L

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable paraem; c) aged diesel? is significant; d) gosoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present, g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment.

^{*} cluttered chromatogram resulting in cocluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Ceres Associates	Client Project II	D: #CA451-2	Date Sampled	Date Sampled: 01/11/99		
5040 Commercial Circle, Ste F			Date Received	i: 01/11/99		
Concord, CA 94520	Client Contact:	Craig W. Haitt	Date Extracted	i: 01/11-01/14/99		
	Client P.O:		Date Analyzed	i: 01/12-01/14/99		
EPA method 601 or 8010	Volati	le Halocarbons		· · · · · · · · · · · · · · · · · · ·		
Lab ID	01554	01555	01556	012-6		
Client ID	\$B-1	GW-1		01557		
Matrix	S	W	SB-2	SB-2		
Compound		Cancen		W		
Bromedichloromethane	ND<50	ND		——————————————————————————————————————		
Bromoform	ND<50	<u>שא</u>	מא	ND		
Bromomethene	ND<50	ND	ND ·	ND		
Carbon Tetrachloride (1)	ND<50	ND ND	ND	ND		
Chlerobenzene	ND<50	ND	ND	ND		
Chloroethane	ND<50	ND	ND	ND		
2-Chlorocthyl Vinyl Ether(0)	ND<50	מא	מא	ND .		
Chlaroform (1)	ND<50	אם מא	ND	ДИ		
Chloromethane	ND<50	ND ND	ND	ND ND		
Dipromochloromethane	אַס<50	ND	סא	ND		
1.2-Dichlorobenzene	ND<50	מא	ND	ND		
1.3-Dichlerobenzene	ND <s0< td=""><td>ND</td><td>מא</td><td>םא</td></s0<>	ND	מא	םא		
.4-Dichlorobenzene	ND<50	ND	ND ND	ND		
Dichlorodiiluoromethane	ND<50	ND ND	סא	סא		
.1.Dichloroethane	ND<50	ND ND	ND	ND		
2-Dichloroethane	ND<50	ND	ND	ND		
.1-Dichlomethene	ND<50	ND	ND	מא		
is 1,2-Dichloroethene	ND<50	ND	ND	ND		
rus 1,2-Dichloroethene	ND<50	ND ND	ND	ND		
2-Dichloropropane	ND<50	מא	סא	ND		
is 1,3-Dichlaropropene	ND<50	ND	ND	סא		
rans 1,3-Dichloroprupene	ND<50	NID.	ND	סא		
visthylene Chloride ^(f)	ND<50	ND	ND	DM		
.1.2.2-Tetrachlorocthane	ND<50	ND ND	DN	OIN		
etrachloroethene	ND<50	ND	QN	ND		
.1,1-Trichlorpethane	ND<50	ND	סא	ND		
.1.2-Trichloroethane	ND<50	ND	ND ND	ND		
nchleroethene	ND<50	ND	לא מא	מא		
netilerofluoromethane	ND<50	ND	ND ND	ND		
'inyl Chloride' ²³	ND<50	מא		ND		
6 Recovery Surrogate	113		מא	מא		
omments		104	ท	102		

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

⁽b) vibromonethane; (c) tetrachloromethane; (d) (2-chloroethoxy)ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.



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Ceres Associates	Client Project 1	D: #CA451-2	Date Sampled: 01/11/99				
5040 Commercial Circle, Ste F		_	Date Received: 01/11/99				
Concord, CA 94520	Client Contact:	Craig W. Haitt	Date Extracted: 01/11-01/14/99				
	Client P.O:	Client P.O: Date Analyzed: 01/12-0					
EPA method 601 or 8010	Volati	le Halocarbons					
Lab ID	01558	01559	7				
Client ID	SB-3	GW-3					
Matrix	S	W					
Compound		Concen	the state of the s				
Bronudichloromethane	ND	ND	Lation				
Bromoform ^(b)	ND	ND					
Bromomethane	ND	ND					
Carbon Tetrachloride (5)	ND	ND					
Chlorobenzene	ND	ND					
Chloroethane	ND	ND					
2-Chlorocthyl Vinyl Etherich	ND	ND					
Chlaroform (e)	ND	ND					
Chloromethane	ND	ND ND					
Dibramachloromethane	מא	D					
1,2-Dichlorobenzene	ND	ND					
1.3-Dichlorobenzene	ND	ND					
1,4-Dichlarobenzene	ND	ND					
Dichlarodilluoremethene		ND					
,1-Dichloroethane	QN	ND					
1,2-Dichloroethane	ND	ND D					
.1-Dichloroethene	ДИ	סא					
is 1.2-Dichloroethene	DИ	ND					
rans 1,2-Dichloroethene	NO	ND					
2-Dichloropropens	ND	מא					
is 1,3-Dichloropropene	ND	ND					
ans 1,3-Dichloropropene	ДИ	סא					
Acthylene Chloride ⁽¹⁾	ND	ND					
,1,2,2-Tetrachlorocthane	ND	. ND					
etrachloroethene	ND	ND	·				
, I, I-Trichloroethene	ИD	ND					
J_2-Trichtoroethane	ND	ND -					
richloraethene	ND	ND					
richlorefluoremethane	ND	ND					
inyl Chloride ^{CC}	ND	ND					
Recovery Surrogate	97	106					
orronenes							

^{*} water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg. wipe samples in ug/wipe Reporting limit unless otherwise stated: water/FCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg; wipes, ND<0.2ug/wipe ND means not detected above the reporting limit N/A means analyte not applicable to this analysis

⁽b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy)ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

D13

McCAMPBELL ANALYTICAL INC.

01/25/99

110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/11/99-01/12/99

Matrix:

 Analyte	Concentration (mg/L) Sample				& Recovery			
	(#01376)	MS	MSD	Amount Spiked	 MS 	MSD	RPD	
TPH (gas) Benzene Toluene Ethyl Benzene Xylenes	0.0	85.5 8.9 10.1 10.7 32.1	88.0 9.2 10.4 11.0 33.0	100.0 10.0 10.0 10.0 30.0	85.5 89.0 101.0 107.0	88.0 92.0 104.0 110.0	2.9 3.3 2.9 2.8 2.8	
TPH(diesel)	0.0	139	168	150	93	112	19.1	
TRPH (oil & grease)	0	24800	26100	23700	105	110	5.1	

^{*} Rec. = (MS - Sample) / amount spiked x 100

D14

McCAMPBELL ANALYTICAL INC.

01/25/99

110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 01/11/99

Matrix: SOIL

 Analyte	Concent	ration	(mg/kg)		% Reco	very	
anatyte	Sample (#95831) 	MS	MSD	Amount Spiked	MS	MSD	RPD
TPH (gas)	0.000	2.165	2.267	2.03	107	112	4,6
Benzene	0.000	0.202	0.194	0.2	101	97	4.0
Toluene	0.000	0.230	0.224	0.2	115	112	2.6
Ethylbenzene	0.000	0.230	0.228	0.2	115	114	0.9
Xylenes	0.000	0.674	0.676	0.6	112	113	0.3
TPH(diesel)	. 0	340	340	300	113	113	0.2
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

Y Rec. = (MS - Sample) / amount spiked x 100

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Facheco, CA 94553 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR EPA S010/8020/EDB

Date: 01/12/99

Matrix: WATER

Analyte	Concentration (ug/L)				% Recovery		··
	Sample (#01215) 	MS	MSD	Amount Spiked	MS	MSD	RPD
l,1-DCE Trichlorgethena EDB Chlorobenzene	0.0 0.0 N/A 0.0	11.1 9.9 N/A 10.2	10.4 9.6 N/A 10.3	10.0 10.0 N/A 10.0	111 99 N/A 102	104 96 N/A 103	6.5 3.1 N/A 1.0
Benzene Toluene Chlorobz (PID)	N/A N/A N/A	n/a n/a n/a	N/A N/A N/A	A\N A\N A\N A\N A\N	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A

t Rec. • (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (M5 + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 01/14/99-01/15/99 Matrix: WATER

Analyte	Conce	entrati	on (ug/L			very	
	(#01401)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0.0	10.1	10.1	10.0	101	101	0.0
Trichloroethene	0.0	9.6	9.5	10.0	96	95	1.0
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0.0	10.4	10.4	10.0	104	104	0.0
Benzene	N/A	N/A	N/A	N/A	A\N	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	A\N	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	A\N	N/A	N/A

* Rec. - (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

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NO.612

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 01/11/99-01/12/99 Matrix:

SOIL

l Analyte	Conc Sample	entrati	on (ug/k	-	& Recovery		· · · · · · · · ·
	(#95831)	MS	MSD	Amount Spiked	 MS	MSD	RPD
1,1-DCE Trichloroethens EDB Chlorobenzene	0 0 N/A	67 80 N/A 87	81 84 N/A 91	100 100 N/A 100	87 80 N/A 87	81 84 N/A 91	7.1 4.9 N/A 4.5
Benzene Toluene Chlorobz (PID)	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A

t Rec. • (MS - Sample) / amount spiked x 100

RPD \sim (MS - MSD) / (M9 + MSD) \times 2 \times 100



CHAIN OF CUSTODY

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	CALC	_ ,	,	

5040 Commercial Circle, Suite F Concord, California 94520 [925] 825-4466 / fax (925] 825-4441 Send Results to: CR16- LV HIA T-T

Sammler's Signature Level 4

Laboratory it CAMPISTIC ANACYTICAL

Attention

				op	8015/8020 gs																(HCI)	5 Day T.A.T PLEASE
	Sample	Sample Collection Bate/Time	MATRIX	Section with the second	gasoline/BTEX/MTBE	8015 Diesel	8010 HVCCS														PRESERVATIVE	Track RESOUTS TO CRAMY HIA 77 (925) 825-444/
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	سلمان لات مختصم و الم	ed to Ceres Associates with 1		<u> </u>	<u> [j</u>	.	· Da	tet l'imi	1/14	118	.7.7	<u>. </u>	P.	ત લંખતાં -	ъу				 		ol	- Denri Time

Appendix B -- Drilling and Excavation Permits

FOR APPLICANT TO COMPLETE

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER BESOURCES SECTION 951 YURNER COURT, SUITE 180, HAYWARD, CA 94545-2691 PHONE (514) 476-5575 ANDREAS CODERRY YAX (514) 670-5343 (610) 978-5248 ALVIN KAN

DRILLING FERMIT APPLICATION

FOR ATPLICANT TO COMPLETE	FOR OPPICE USE
SIO CLAY STREET	PERMIT NUMBER 99 WROOF
Octobra Ca.	WELL HUMBER
California Coardicares Source A. Accuracy = A.	PERMIT CONDITIONS
W//	Circled termic Requirements App'y
CLIENT NAME P. MOCK INVESTMENTS AGGRESS 254 BY ATRIAGETY FROME (SO) 272-0454 Giss Daiceard From Atriagety Frank (So) 272-0454 Aprilicant Note Control of Processor Control of Party (Party Volume Control of Party Party Volume Protection of Control of Protection of Control of Protection of Control of Party Party Volume Protection of Party Party Volume Protection of Party Party Volume Party Volume Protection of Party Party Volume Party Office of Party Volume Party Office of Party Office of Party Office of Party Party Market Party Office of Oder of Caroprope of Party Party Market Party Office of Oder of Caroprope of Party Party Market Party Office of Oder office of Party Office of Oder office of Party Office of Oder office of Party Office of Oder office office of Oder office	A. CEMERAL (. A permit application thould be lubrithed as a so atthe at the ACFWA office has apprehens an empered attring case. 1. Submit as ACFWA within all days alize completens of permitted work for enemal Department of Warm Resources were will Dribert Resource apprehens of the permitted and apprehens at the permitted work for enemal sopportunity for well project, or drilling to passed to an atematical and permitted and the permitted of the permitted and apprehens. 3. Permit is not all project and begun within 90 days of appropriate the permitted attribution of the permitted and the permitted and the permitted and the permitted and industrial walls of 10 feet for dominicipal and industrial walls of 10 feet for dominicipal and industrial walls as less at the first dominicipal and industrial walls of 10 feet for dominicipal and industrial walls and price of the dominicipal and industrial walls and prices is two inches of including permitted graph and the permitted graph is the maximum depth processed by attribute and the permitted graph in the maximum depth processed of the permitted graphs of the post of the permitted graphs of the per
SUPPLICANTS SUPPLICANTS SUPPLICANTS AND SUPPLEMENTARY AND SUPPLEME	See intend. C. SPECIAL CONDITIONS APPROVED 2.18 1/8/99

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810-889-815

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EXCAVATION PERMIT TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

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CIVIL ENGINEERING

PAGE 2 of 2

	•		
PERMIT NUMBER	12000 9	SITE ADDRESS/LOCATION	810 - C- F1
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PRONS ! (Permit not valid without 24-Hour nu	
CONTRACTOR'S LICENSB # ANI	CLASS	CITY BUSINESS TAX	cla na
ATTENTION:		<u> </u>	
		, and the second	e excavating. This permit is not valid unless applicant has secured an GROUND SERVICE ALERT (USA) #:
	starting work, YOU MU	ST CALL (510) 238-3651	TO SCHEDULE AN INSPECTION.
OWNERSUILDER			d Professions Code: Any city or county which requires a permit to
Professions Code: The Contractor's L provided that such improvements are a burden of proving that he did not build D I, as owner of the property, am exe be performed prior to sale, (3) I have a structures more than once during any th D I, as owner of the property.	ny employees with wages as their sale ec- iserate Law does not apply to an owner of oi intended or offered for eale. If howeve or improve for the purpose of sale), mpt from the sale requirements of the ab- esided in the residence for the 12 months offer-year period. (Sec. 7044 Rushiess and unively contracting with licensed contrac- who builds or imperiors.	onpensation, will do the work, and the sign property who builds or improves there for, the building or improvement is sold over due to: (1) I am impreving my print prior to completion of the work, and (4 d Professions Code).	rmit to file a signed statement that he is becaused pursuant to the professions Code, or that he is exempt therefrom and the basis for the yof not more than \$5000; Institute is not intended or offered for sale (Sec. 7044, Business son, and who does such work himself or through his own employees, within one year of completion, the owner-builder will have the cipal place of residence or appurenances thereto, (2) the work will 1 have not claimed exemption on this subdivision on more than two Business and Professions Code: The Contractor's License Law rector(s) licensed pursuant to the Contractor's License law).
WORKER'S COMPENSATION			
	ale of consent to self-insure, or a partition	are at Markey at	or a condition copy thereof (Sec. 3700, Labor Code).
Policy #	Comment of a contract	ace of worker's Companation insurance	or a certified copy thereof (Sec. 3700, Labor Code).
	has become from the fact that the second second		omer so as to become subject to the Worker's Componentian Laws
erform the obligations with respect to st ad employees, from and against any and ustained or arising in the construction of	the permittee shall be responsible for all career maintenance. The permittee shall, a full mits, claims, or actions brought by	claims and liabilities arising out of work ; and by acceptance of the pennit agrees to	Compensation provisions of the Labor Code, you must forthwith File 12 Chapter 12.12 of the Oakland Municipal Code. It is performed under the permit or arising out of permittee's faiture to defend, indemnify, save and hold hamiless the City, its officers ity injuries, disease or illness or damage to persons and/or property perform the obligations with respect to street maintenance. This and Building.
gnature of Permittee AATB STREET LAST S	gent for A Contractor - Owner		ny ficense is in full force and effect (if contractor), that I have read Date
SUED BY	POUIREDT O YES XNO O		ANO CAM-SAM & 4PM-5PM D YES XNO



EXCAVATION PERMIT TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

PAGE 2 of 2

PERAUT NUMBER	
X 9900032	SITE ADDRESS/LOCATION S/O CO SF
APPROX. START DATE APPROX. END DATE	24-HOUR BMERGENCY PHONE NUMBER
COMPLETE	(Pennil not valid without 24-Hour number)
CONTRACTOR'S LICENSE FAND CLASS	CITY BUSINESS TAX #
ATTENTION:	rido.
inquiry identification number issued by USA. The USA celephore	onte Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an enumber is 1 (800) 642-2444. UDIDEROROUND SERVICE ALERT (USA) #: 2 / 3 / 3
2) 48 hours prior to starting work, YOU MU	IST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.
OWNER/BUILDER	Howing reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to e. also requires the applicant for such permit to file a signed statement of the county which requires a permit to
I, as owner of the property, an exempt from the sale requirements of the ab to performed prior to sale, (3) I have resided in the residence for the 12 months structures more than owne during any three-year period. (Sec. 7044 Business and I, as owner of the property, am exclusively contracting with licensed contractions and apply to an owner of property who builds or improves thereon, and when I am exempt under Sec. B&PC for this reason	tors to construct the project. (See, 7044, Business and Charles)
WORKER'S COMPENSATION	
Policy # Company Name	ate of Worker's Compensation Insurance, is a certified copy thereof (Soc. 3700, Labor Code),
Сопралу Марк	
of California (not required for work valued at one hundred dollars (\$100) or less)	I shall not employ any person in any manurer so as to become subject to the Worker's Compensation Laws.
perform the obligations with respect to street maintenance. The permittee shall, and comployees, from and essent any section	should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith I is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is laims and liabilities arising out of work performed under the permit or arising out of permittee's faiture to not by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers my person for or on account of any bodily injuries, disease or illness or damage to persons and/or property in consequence of permittee's faiture to perform the obligations with respect to street maintenance. This the Director of the Office of Planning and Building.
State of Bearing	the Business and Professions Code and my becase is in full force and effect (if contractor), that I have read decorrect under penalty of law.
ATE STREET (AST	Date // 7 / 7
SURFACED REQUIRED? O'YES XNO (N	OLIDAY RESTRICTION? OVI - JAN I) DYES XNO GAM-9AM & 4PM-6PM XYES DNO
	ATB ISSUED
 	

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