RO- 2514

BURKE Commercial Real Estate
2030 Franklin Street Fourth Floor
Oakland, California 94612
510-444-4560 Fax: 839-9630

JUN 14 2002

June 12, 2002

Donna Drogos
LOP Program Manager
Alameda County Environmental
Health Department
1131 Harbor Bay Park Way
Alameda, Ca. 94502

Re: Environmental Reports 925-949 West Grand Ave., Oakland

Dear Donna:

Enclosed are the Phase I and the Phase II environmental reports conducted on my property. I am very concerned about the contamination of my property which I strongly believe has come from the adjacent gas station site which is touching my property. I am also very interested in resolving this issue as soon as possible since I have a buyer who will not proceed without some assurance from you that we are not responsible for the existing condition nor obligated to clean it up.

Please contact me as soon as you have read the reports to discuss.

Thank you very much.

Sincerely yours,

Stephen S. Burke
Encs.

Stephen S. Burke
510-444-4560

Burke Commercial
REAL ESTATE
bcre@burkecommercial.com

2030 Franklin Street
Fourth Floor
Oakland, CA 94612
FAX (510) 839-9630

PHASE II SUBSURFACE INVESTIGATION

925-949 West Grand Avenue
Oakland, California

AEI CONSULTANTS

APN 005-0411-001-04
949 W Grand Ave
Oakland 94607

AEI
CONSULTANTS
ENVIRONMENTAL & CIVIL ENGINEERING

March 21, 2002

PHASE II SUBSURFACE INVESTIGATION

925-949 West Grand Avenue
Oakland, California

Project No. 4949

Prepared For

Mr. Steve Burke
2030 Franklin Street, 4th Floor
Oakland, CA 94612

Prepared By

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

AEI

AEI CONSULTANTS
3210 Old Tunnel Road, Suite B, Lafayette, CA 94549-4157
Phone: (925) 283-6000 Fax: (925) 283-6121

March 21, 2002

Mr. Steve Burke
2030 Franklin Street 4th Floor
Oakland, CA 94612

Subject: **Phase II Subsurface Investigation**
925-949 West Grand Avenue
Oakland, California
Project No. 4933

Dear Mr. Burke:

The following letter report describes the activities and results of the subsurface investigation performed by AEI Consultants (AEI) at the above referenced property (Figure 1: Site Location Map). The work was performed in order to determine if an impact to soil or groundwater resulted from a former auto truck storage and repair business that utilized underground storage tanks and from a drycleaning facility formerly located in Unit 941.

I Background

The site is located in a commercial/residential area of Oakland, on the southwest corner of West Grand Avenue and Market Street, and is occupied by several multi-use tenants. AEI conducted a Phase I Environmental Site Assessment (ESA) for the property on June 6, 2000 in which two recognized environmental conditions were found in connection with previous property use.

A review of city directories and Oakland Fire Department records indicated that a drycleaning facility was formerly located in Unit 941 for approximately 10 years. Based on the nature of drycleaning operations and the duration of occupancy by the drycleaner, AEI concluded that the subsurface of the property had likely been impacted by drycleaning solvents.

In addition, a review of Sanborn Fire Insurance maps indicated that the property was formerly developed with an auto and truck storage area, an auto repair area, gas and oil storage, paint and oil storage, warehouse, dip painting area, and advertising sign paint area. Although records at the Oakland Fire Department did not indicate the presence of underground storage tanks at the property, the possibility existed that underground tanks may have been present in the gas storage area. Based on the lack of information obtained on the former service station, AEI concluded that the gas and oil storage area and the possible former USTs had the potential to impact to the subsurface of the property.

II Investigative Efforts

AEI performed the subsurface investigation at the site on March 7, 2002. AEI advanced a total of five shallow soil borings (SB-1 through SB-5) to a depth of 15 feet below ground surface (bgs). Borings SB-1 through SB-3 were advanced in the suspected location of the former USTs. Borings SB-4 and SB-5 were advanced inside the former drycleaing facility in the suspected location of the drycleaning equipment. Please refer to Figure 2 for the locations of soil borings.

The near surface native soils encountered during boring advancement consisted of dark grey moderately plastic clays grading to brown highly plastic clays nearing boring terminus. Soils encountered in boring SB-4 and SB-5 also contained small clasts (<2cm) intermixed in stiff clay. Refer to Attachment A for detailed logs of the borings.

Based on a review of the USGS Oakland West Topographic Map, the property is situated approximately 15 feet above mean sea level and the local topography is sloped gently to the west. The nearest surface water is the Oakland Outer Harbor, located approximately 1.5 miles west of the property. Based on the local topography, the assumed flow direction of groundwater at the property is to the west.

Soil Sample Collection

The borings were advanced with a Geoprobe drill rig to a depth of 15 feet bgs and soil samples were collected at 4-foot intervals. The soil samples were sealed with teflon tape and plastic caps, and placed in a cooler with wet ice to await transportation to the laboratory. No staining or odor was observed in the samples collected from borings SB-1 through SB-3; however, strong hydrocarbon odor and grey staining was observed in the samples collected from borings SB-4 and SB-5.

Groundwater Sample Collection

Groundwater was encountered in all five borings at approximately 13 feet bgs. Groundwater samples were collected using a plastic drop tube inserted through slotted PVC piping. The groundwater samples were placed in 40-mL VOA vials and 1-Liter amber bottles and capped so neither head space nor air bubbles were visible, and then placed in a cooler with wet ice to await transportation to the laboratory.

Following sample collection, each boring was backfilled with neat cement grout.

Laboratory Analysis

On March 7, 2002, soil and groundwater samples were transported to McCampbell Analytical Inc. (DOHS Certification Number 1644) under chain of custody protocol. Five soil and five groundwater samples were submitted for analysis. Samples collected from borings SB-1 through SB-3 were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) by EPA Method 8015,

benzene, toluene, ethylebenzene and xylenes (BTEX) and methyl-tert-butyl-ether (MTBE) by EPA Method 8020 and Total Petroleum Hydrocarbons as diesel (TPH-d) by EPA Method 8015. Samples collected from borings SB-4 and SB-5 were analyzed for Volatile Halocarbons (VOCs) by EPA Method 8010. In addition, based on the presence of hydrocarbon odor and staining observed during sample collection from borings SB-4 and SB-5, one soil and one groundwater sample from boring SB-4 was analyzed for TPH-g, BTEX and MTBE. Analytical results and chain of custody documents are included as Attachment B.

Findings

Borings SB-1 through SB-3 (Suspected UST Area)

No concentrations of TPH-g, BTEX, and MTBE were detected in any of the analyzed soil samples from borings SB-1 through SB-3. Minor concentrations of TPH-d were detected at 2.4 milligrams per kilogram (mg/kg) in the soil sample collected in boring SB-2 at 8 feet bgs.

Elevated concentrations of TPH-g and TPH-d were detected up to 460 micrograms per liter (ug/L) and 380 ug/L, respectively, in groundwater samples collected from borings SB-1 and SB-3. No concentrations of MTBE were detected in the any of the groundwater samples and only minor concentrations of ethylbenzene and total xylenes were detected in the groundwater sample from boring SB-3.

Borings SB-4 and SB-5 (Drycleaning Facility)

Elevated concentrations VOCs were detected in soil samples collected from borings SB-4 and SB-5 at 8 feet bgs. In particular, concentrations of cis 1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl Chloride were detected up to 140 ug/kg, 22 ug/kg, 5.1 ug/kg, and 12 ug/kg, respectively.

Elevated Concentrations of cis 1,2-Dichloroethene and Vinyl Chloride were detected up to 550 ug/L and 60 ug/L, respectively, in groundwater samples collected from borings SB-4 and SB-5. Significant concentrations of TPH-g and BTEX were detected in the groundwater sample collected from boring SB-4. In particular, concentrations of TPH-g, benzene and total xylenes were detected up to 140,000 ug/L, 810 ug/L and 14,000 ug/L, respectively.

Results of the analytical testing are summarized in Tables 1 and 2.

Conclusions

This investigation was performed in order to determine if an impact to soil or groundwater resulted from a former auto truck storage and repair business that utilized underground storage tanks and from a drycleaning facility formerly located in Unit 941. A total of five soil borings were advanced to a depth of 15 feet bgs in the area of the suspected USTs and the former drycleaning facility and soil and groundwater samples were collected.

Suspected UST Area

Only minor concentrations of TPH-d were detected in one soil sample from the suspect UST area; however, significant concentrations of TPH-g and TPH-d were detected in the groundwater samples collected from this area. Although the soil sample results for TPH-d can be considered negligible, the elevated concentrations of TPH-d present in the groundwater suggest that a larger source area may exist onsite, and was not encountered during the drilling activities.

Former Drycleaning Facility

Both soil and groundwater samples collected from the former drycleaning facility contained elevated levels of VOCs as well as elevated levels of TPH-g and BTEX. The levels of VOCs detected in the groundwater are well above the maximum contaminant levels (MCLs) for drinking water set forth by the California Code of Regulations. No MCLs are currently established for soil impacted by VOCs, and many regulatory agencies review sites impacted with VOCs on a site-specific basis. Additionally, the extent of the impacted source area is unknown due to the lack of information documenting the exact location of the former drycleaning equipment and chemical storage area.

Based on the elevated levels of TPH-g and BTEX detected in the groundwater samples collected from the former drycleaning facility, it is apparent that the groundwater beneath the property in this area has been significantly impacted. According to the June 2000 ESA conducted by AEI, the property adjacent to the northeast of the subject property, 905 West Grand Avenue, was formerly equipped with three underground fuel storage tanks (USTs). Records reviewed during the ESA indicated that the USTs were removed in 1999 and that the site was granted case closure by the Alameda County Health Care Services Agency. Although case closure had been granted, and no further investigation or remediation is required at this site, past subsurface investigations at the site revealed that petroleum hydrocarbon contamination remains in place at the site. Based on the proximity to the subject property and the assumed direction of groundwater flow, it is likely that the petroleum release at the adjacent site has impacted the subsurface of the subject property.

Based on the analytical results, it is likely that further investigation will be required in order to further characterize and define the extent of the impacted soil in the suspected UST area and the former drycleaning facility. Currently, no regulatory agency is involved or requiring further investigation at the property. However, it is the responsibility of the property owner to inform the appropriate regulatory agency that a release of hazardous materials has occurred and has impacted the subsurface of the property. The potential for future regulatory requirements cannot be ascertained without notifying the appropriate agency and following their requirements; including the performance of additional sampling and possibly remedial action, in pursuit of case closure or a "no further action" letter.

VI Report Limitation

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the required information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

If you have any questions regarding our investigation, please do not hesitate to contact me at (925) 283-6000.

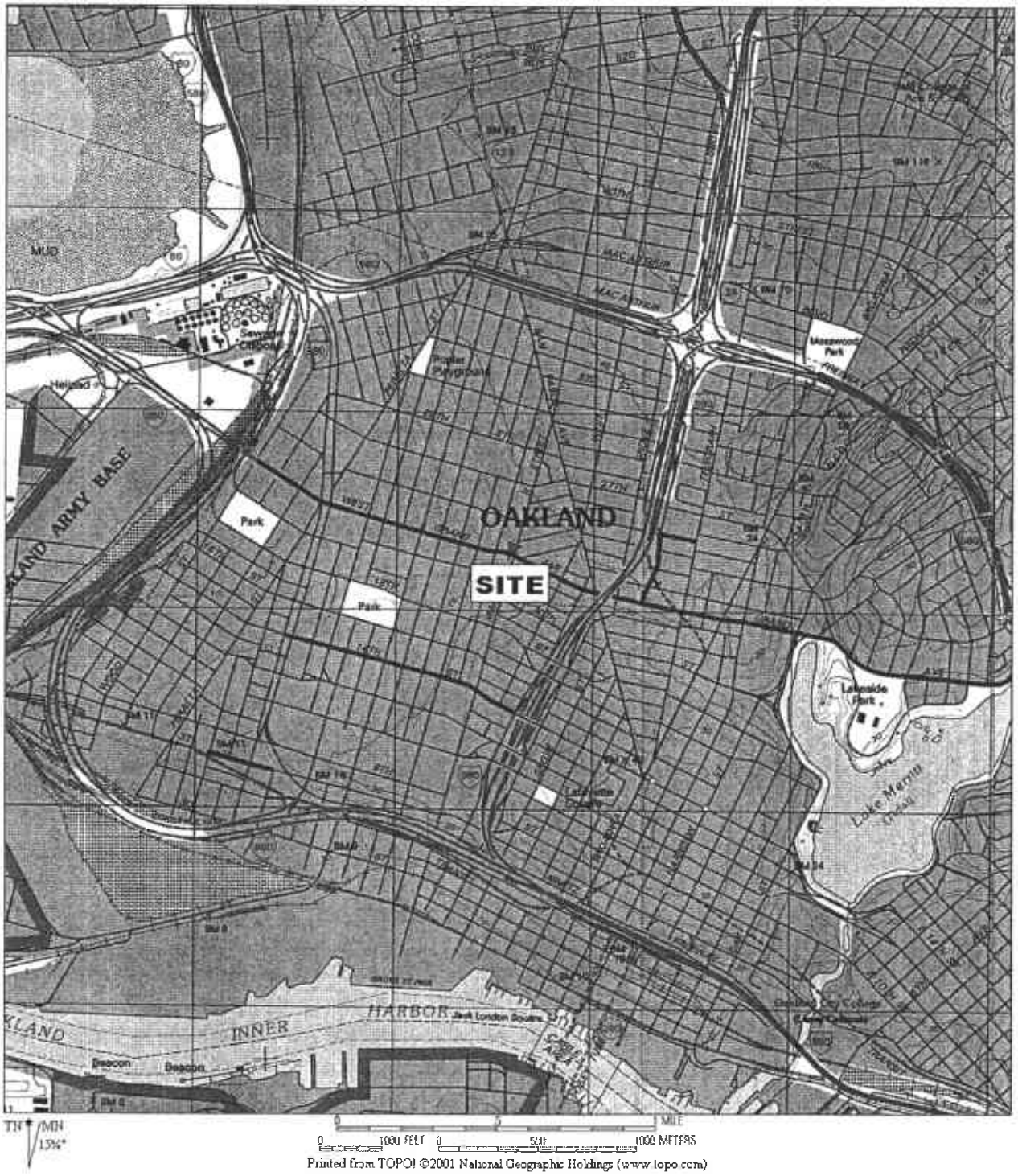
Sincerely,

310-798-4255

Orion Alcalay, M.S.
Environmental Scientist

Joseph P. Derhake, PE
Principal

Figures
Tables
Attachment A: Soil Boring Logs
Attachment B: Sample Analytical Documentation



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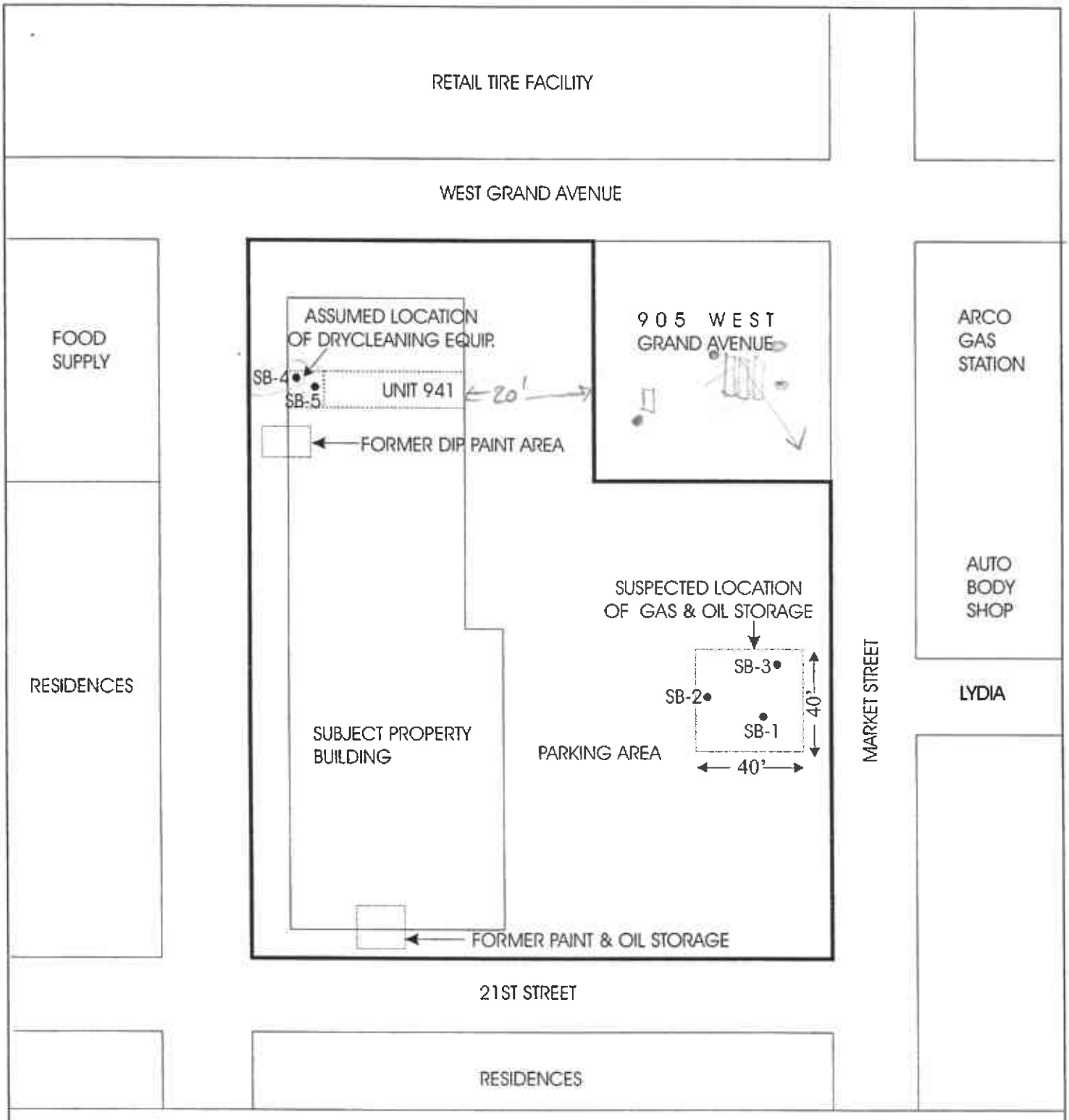
AEI CONSULTANTS

3210 OLD TUNNEL RD, STE B, LAFAYETTE, CA

SITE LOCATION MAP

925-949 WEST GRAND AVENUE
OAKLAND, CALIFORNIA

FIGURE 1
PROJECT NO. 4933



- BORINGS ADVANCED BY AEI ON 3/7/02

BORINGS SB-4 & SB-5 ADVANCED IN REAR OF UNIT 941

NOT TO SCALE

AEI CONSULTANTS.
3210 OLD TUNNEL ROAD, STE B, LAFAYETTE, CA

SITE PLAN WITH SOIL BORING LOCATIONS

925-949 WEST GRAND AVENUE
OAKLAND, CA

FIGURE 2

Table 1

Soil Sample Analytical Data

Sample ID	Sample Collection Date	TPHg mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg	TPH-d mg/kg
SB-1-8'	03/07/02	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<1.0
SB-2-8'	03/07/02	<1.0	<0.05	<0.005	0.010	<0.005	<0.005	**2.4**
SB-3-8'	03/07/02	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<1.0
SB-4-8'	03/07/02	**2.5**	<0.05	**0.017**	**0.21**	**0.12**	**0.011**	NA
MDL		1.0	0.05	0.005	0.005	0.005	0.005	1.0

TPH-g = Total Petroleum Hydrocarbons as gasoline
TPH-d = Total Petroleum Hydrocarbons as diesel
MTBE = Methyl Tertiary Butyl Ether
MDL = Method Detection Limit
mg/kg = milligrams per kilogram
NA = not analyzed

Groundwater Sample Analytical Data

Sample ID	Sample Collection Date	TPHg ug/L	MTBE ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Xylenes ug/L	TPH-d ug/L
SB-1W	03/07/02	**390**	<5.0	<0.5	<0.5	<0.5	<0.5	**380**
SB-2W	03/07/02	<50	<5.0	<0.5	<0.5	<0.5	<0.5	<50
SB-3W	03/07/02	460.0	<5.0	<0.5	<0.5	0.73	1.3	**310**
SB-4W	03/07/02	**140,000**	ND<1200	**810**	**1,900**	**470**	**14,000**	NA
MDL		50	5.0	0.5	0.5	0.5	0.5	50

TPH-g = Total Petroleum Hydrocarbons
MTBE = Methyl Tertiary Butyl Ether
MDL = Method Detection Limit
ug/L = micrograms per liter
NA = not analyzed

Table 2
Volatile Organic Compounds (EPA method 8010)

Soil Sample Analytical Data

Sample ID	Date	TCE ug/kg	PCE ug/kg	c-1,2 DCE ug/kg	Vinyl Chloride ug/kg
SB-4-8'	03/07/02	**5.1**	**22**	**48**	**12**
SB-5-8'	03/07/02	<5.0	**9.7**	**140**	**9.9**
MDL		5.0	5.0	5.0	5.0

TCE = Trichloroethene
PCE = Tetrachloroethene
1,2, DCE = 1,2 Dichloroethene
MDL = Maximum Detection Limit
ug/kg = micrograms per kilogram

Groundwater Sample Analytical Data

Sample ID	Date	TCE ug/L	PCE ug/L	c-1,2 DCE ug/L	Vinyl Chloride ug/L
SB-4W	03/07/02	ND<5.0	ND<5.0	**470**	**60**
SB-5W	03/07/02	ND<5.0	ND<5.0	**550**	**36**
MDL		0.5	0.5	0.5	0.5

TCE = Trichloroethene
PCE = Tetrachloroethene
1,2, DCE = 1,2 Dichloroethene
MDL = Maximum Detection Limit
ug/L = micrograms per liter

ATTACHMENT A

SOIL BORING LOGS

Project No: 4933

Sheet: 1 of 1

Project Name: BURKE

Log of Borehole: SB-1

Client: STEVEN BURKE

Location: 925-949 WEST GRAND AVENUE

Depth (ft / m)	Soil Symbol	Subsurface Description	Sample Data: Sample Label	Sample Data: Type	Sample Data: Blow Counts/	Sample Data: Recovery	Well Data	Remarks
0 / 0		Ground Surface						
0		***CLAY*** dark grey/brownish highly plastic clay						
1								
2								
3 / 1								
4			SB-1-4'	SS				
5								
6								
7 / 2		light brown plastic clay grading to dark brown greyish plastic clay @ 8'						
8			SB-1-8'	SS				
9								
10 / 3								Depth to water 10.85' bgs
11								
12		light grey plastic clay	SB-1-12'	SS				
13 / 4								
14								
15		End of Borehole						
16 / 5								
17								
18								
19								
20 / 6								
21								
22								
23 / 7								
24								
25								

Drill Date 3/7/02

Drill Method: Geoprobe

Total Depth: 15'

Depth to Water: 10.85' bgs

Reviewed by: PM

Logged by: OA

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

Project No: 4933

Sheet: 1 of 1

Project Name: BURKE

Log of Borehole: SB-2

Client: STEVEN BURKE

Location: 925-949 WEST GRAND AVENUE

Depth (ft / m)	Soil Symbol	Subsurface Description	Sample Data: Sample Label	Sample Data: Type	Sample Data: Blow Counts/	Sample Data: Recovery	Well Data	Remarks
0 / 0		Ground Surface						
0–3 / 0–1		***CLAY*** dark brown moderately stiff clay						
4–5			SB-2-4'	SS				
6–8 / 2								
8–9		light brown sandy clay	SB-2-8'	SS				
10–11 / 3		light brown/grey plastic clay						Depth to water 9.4' bgs
12		grey moderately stiff clay	SB-2-12'	SS				
13–15 / 4		light brown highly plastic clay						
16 / 5		End of Borehole	SB-2-16'	SS				
17–20 / 6								
21–23 / 7								
24–25								

Drill Date 3/7/02

Drill Method: Geoprobe

Total Depth: 16'

Depth to Water: 9.4' bgs

Reviewed by: PM

Logged by: OA

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Lafayette, CA 94549
(925) 283-6000

Project No: 4933

Sheet: 1 of 1

Project Name: BURKE

Log of Borehole: SB-3

Client: STEVEN BURKE

Location: 925-949 WEST GRAND AVENUE

Depth (ft / m)	Soil Symbol	Subsurface Description	Sample Data: Sample Label	Sample Data: Type	Sample Data: Blow Counts/	Sample Data: Recovery	Well Data	Remarks
0 / 0		Ground Surface						
0–8 / 0–2		***CLAY*** dark grey/brownish highly plastic clay	SB-3-4'	SS				
8–12 / 2–3		greyish-brown moderately plastic clay	SB-3-8'	SS				
12–16 / 3–5		grey moderatley plastic clay	SB-3-12'	SS				no sample collected @16' soil saturated
16 / 5		End of Borehole						

Drill Date 3/7/02

Drill Method: Geoprobe

Total Depth: 16'

Depth to Water:

Revlewed by: PM

Logged by: OA

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

Project No: 4933

Sheet: 1 of 1

Project Name: BURKE

Client: STEVEN BURKE

Location: 925-949 WEST GRAND AVENUE

Log of Borehole: SB-4 (DRYCLEANERS)

Depth (ft / m)	Soil Symbol	Subsurface Description	Sample Data: Sample Label	Sample Data: Type	Sample Data: Blow Counts/	Sample Data: Recovery	Well Data	Remarks
0 / 0		Ground Surface						
		CLAY grey moderatley plastic clay						
3 / 1			SB-4-3'	SS				
8 / 2		lithology same as 3' sample	SB-4-8'	SS				strong HC odor
10 / 3		grey stiff clay w/small clasts	SB-4-10'	SS				depth to water @ 10.5 bgs
13 / 4		grey stained clay w/small clasts						no sample collected @13'
		End of Borehole						

Drill Date 3/7/02

Drill Method: Geoprobe

Total Depth: 13'

Depth to Water: 10.5' bgs

Reviewed by: PM

Logged by: OA

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

Project No: 4933

Sheet: 1 of 1

Project Name: BURKE

Client: STEVEN BURKE

Location: 925-949 WEST GRAND AVENUE

Log of Borehole: SB-5 (DRYCLEANERS)

Depth (ft / m)	Soil Symbol	Subsurface Description	Sample Data: Sample Label	Sample Data: Type	Sample Data: Blow Counts/	Sample Data: Recovery	Well Data	Remarks
0 / 0		Ground Surface						
		CLAY grey moderatley plastic clay						
3 / 1			SB-5-3'	SS				
		lithology same as 3' sample	SB-5-8'	SS				
10 / 3		grey stiff clay w/small clasts	SB-5-10'	SS				strong HC odor depth to water @ 10.5' bgs
13 / 4		grey stained clay w/small clasts End of Borehole						no sample collected @13'

Drill Date 3/7/02

Drill Method: Geoprobe

Total Depth: 13'

Depth to Water: 10.5' bgs

Reviewed by: PM

Logged by: OA

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

ATTACHMENT B

SAMPLE ANALYTICAL DOCUMENTATION

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #4933; Burke	Date Sampled: 03/07/02
		Date Received: 03/07/02
	Client Contact: Orion Alcalay	Date Extracted: 03/07/02
	Client P.O:	Date Analyzed: 03/08-03/12/02

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	% Recovery Surrogate
0203126 -002	SB-1-8'	S	ND	ND	ND	ND	ND	ND	106
0203126 -005	SB-2-8'	S	ND	ND	ND	ND	ND	ND	106
0203126 -009	SB-3-8'	S	ND	ND	ND	ND	ND	ND	108
0203126 -012	SB-4-8'	S	2.5,a	ND	0.017	0.21	0.12	0.011	---#
0203126 -017	SB-1W	W	390,j,i	ND	ND	ND	ND	ND	94
0203126 -018	SB-2W	W	ND	ND	ND	ND	ND	ND	100
0203126 -019	SB-3W	W	460,j,i	ND	ND	ND	0.73	1.3	120
0203126 -020	SB-4W	W	140,000,a,h,i	ND<1200	810	1900	470	14,000	---#
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* 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.

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?; e) 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.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc.	Client Project ID: #4933; Burke	Date Sampled: 03/07/02
3210 Old Tunnel Road, Suite B		Date Received: 03/07/02
Lafayette, CA 94549-4157	Client Contact: Orion Alcalay	Date Extracted: 03/07/02
	Client P.O:	Date Analyzed: 03/08-03/11/02

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)'	% Recovery Surrogate
0203126-002	SB-1-8'	S	ND	102
0203126-005	SB-2-8'	S	2.4,g	114
0203126-009	SB-3-8'	S	ND	109
0203126-017	SB-1W	S	380,c,i	112
0203126-018	SB-2W	S	ND	101
0203126-019	SB-3W	S	310,d,g,h,i	102
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

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

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

'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 pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (stoddard solvent); 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

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
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3210 Old Tunnel Road, Suite B		Date Received: 03/07/02
Lafayette, CA 94549-4157	Client Contact: Orion Alcalay	Date Extracted: 03/07/02
	Client P.O:	Date Analyzed: 03/08-03/09/02

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	0203126-012	0203126-015	0203126-020	0203126-021
Client ID	SB-4-8'	SB-5-8'	SB-4W	SB-5W
Matrix	S	S	W	W
Compound	Concentration*			
Bromodichloromethane	ND	ND	ND<5.0	ND<5.0
Bromoform[b]	ND	ND	ND<5.0	ND<5.0
Bromomethane	ND	ND	ND<5.0	ND<5.0
Carbon Tetrachloride[c]	ND	ND	ND<5.0	ND<5.0
Chlorobenzene	ND	ND	ND<5.0	ND<5.0
Chloroethane	ND	ND	ND<5.0	ND<5.0
2-Chloroethyl Vinyl Ether[d]	ND	ND	ND<5.0	ND<5.0
Chloroform[e]	ND	ND	ND<5.0	ND<5.0
Chloromethane	ND	ND	ND<5.0	ND<5.0
Dibromochloromethane	ND	ND	ND<5.0	ND<5.0
1,2-Dichlorobenzene	ND	ND	ND<5.0	ND<5.0
1,3-Dichlorobenzene	ND	ND	ND<5.0	ND<5.0
1,4-Dichlorobenzene	ND	ND	ND<5.0	ND<5.0
Dichlorodifluoromethane	ND	ND	ND<5.0	ND<5.0
1,1-Dichloroethane	ND	ND	ND<5.0	ND<5.0
1,2-Dichloroethane	ND	ND	ND<5.0	ND<5.0
1,1-Dichloroethene	ND	ND	ND<5.0	ND<5.0
cis 1,2-Dichloroethene	48	140	470	550
trans 1,2-Dichloroethene	ND	ND	ND<5.0	ND<5.0
1,2-Dichloropropane	ND	ND	ND<5.0	ND<5.0
cis 1,3-Dichloropropene	ND	ND	ND<5.0	ND<5.0
trans 1,3-Dichloropropene	ND	ND	ND<5.0	ND<5.0
Methylene Chloride[f]	ND	ND	ND<5.0	ND<5.0
1,1,2,2-Tetrachloroethane	ND	ND	ND<5.0	ND<5.0
Tetrachloroethene	22	9.7	ND<5.0	ND<5.0
1,1,1-Trichloroethane	ND	ND	ND<5.0	ND<5.0
1,1,2-Trichloroethane	ND	ND	ND<5.0	ND<5.0
Trichloroethene	5.1	ND	ND<5.0	ND<5.0
Trichlorofluoromethane	ND	ND	ND<5.0	ND<5.0
Vinyl Chloride[g]	12	9.9	60	36
% Recovery Surrogate	113	116	108	107
Comments			h,i	h,i

* 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) 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

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Orion Alcalay Bill To:
Company: All Environmental
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549-4157
Tele: (925) 283-6000 Fax: (925) 283-6121
Project #: 4933 Project Name: Burke
Project Location: 925-945 West Grand Ave, Oakland
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 (8010)	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments
SB-1-4'		3/7/02		1			X				X																				
SB-1-8'															X	X															Hold
SB-1-12'																															
SB-2-4'																															Hold
SB-2-8'															X	X															Hold
SB-2-12'																															
SB-2-16'																															Hold
SB-3-4'																															Hold
SB-3-8'															X	X															Hold
SB-3-12'																															
SB-4-3'																															Hold
SB-4-8'															X			X													Hold
SB-4-10'																															
SB-5-5'																															Hold
SB-5-8'																		X													Hold

Relinquished By:	Date:	Time:	Received By:
	3/7/02	3:17	03/07/02
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Orion Alcalay Bill To:
Company: All Environmental
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549-4157
Tele: (925) 283-6000 Fax: (925) 283-6121
Project #: 4933 Project Name: Burke
Project Location: 925-949 West Grand Ave, Oakland
Sampler Signature:

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
SB-5-10'		3/7/12		1			X				X			
SB-1W				3		X						X		
SB-2W				3		X						X		
SB-3W				3		X						X		
SB-4W				3		X						X		
SB-5W				3		X						X		

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/ MTBE		
TPH as Diesel (8015)		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 601 / 8010		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB's ONLY		
EPA 624 / 8240 / 8260		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
RCI		
SB-5-10': X		Hold
SB-1W: X X X		Hold
SB-2W: X X X		
SB-3W: X X X		
SB-4W: X X X		
SB-5W: X X X		

	Date:	Time:	
Relinquished By:	3/7/12	3:17	Received By: @ 3/07/12
Relinquished By:			Received By:
Relinquished By:			Received By:

Remarks:

ATTACHMENT C

OTHER RELEVANT INFORMATION

ORDINANCE: 03101
02-0441

ENVIRONMENTAL HEALTH
SAN MATEO COUNTY

Protecting Our Health and Environment

PERMIT 02-0441

PERMIT # MW-080-02

PE: 2014 GEOTECHNICAL - TX SOIL BORING PERMIT-PA

FACILITY:
4945 JUNIPERO SERRA., COLMA

OWNER:
SERRA CENTER ASSOCIATES
2000 POWELL ST
EMERYVILLE

008-373-530
SR0003672
AMOUNT PAID: $35.00

CONTRACTOR:
VIRONEX
2110 ADAMS AVENUE
SAN LEANDRO

CONSULTANT:
AEI CONSULTANTS

TERMS & CONDITIONS:
CONSTRUCT SOIL BORINGS (3)

COUNTY OF SAN MATEO
FOUNDED 1856

CHARLES ICE
ENVIRONMENTAL HEALTH SPECIALIST

DATE ISSUED: 3/11/02

EXPIRATION DATE: 6/11/02

THIS PERMIT IS NONTRANSFERABLE AND MUST BE POSTED ON-SITE IN A CONSPICUOUS PLACE