

STATE OF CALIFORNIA BUSINESS, TRANSPORTATION AND HOUSING AUTHORITY

CYPRESS II  
CONSTRUCTION OFFICE  
1545 WILLOW STREET  
OAKLAND, CA 94607

(510) 873-6300  
(510) 286-1300

FAX # (510) 286-1099  
FAX # (510) 286-1424

FAX  
TRANSMITTAL  
LETTER  
\*\*\*\*\*

DATE FAXED: 11 July 95

TO: Jennifer E  
FAX #: 337 9335

FROM: ANDREW NORRIS  
PHONE: 286 1367

COMMENTS: ENCLOSED, PLEASE FIND THE LIST OF PAST  
AND CURRENT SITE ACTIVITIES (NOTE: ALL ACTIVITIES HAVE STOPPED).  
AND THE MOST RECENT TEST RESULTS FOR THE AREA.

I ALSO HAVE LOCATED A PRELIMINARY ASSESSMENT OF  
THE 800 CEDAR STREET CONSISTING OF TWO LARGE VOLUMES.

IF YOU NEED TO SEE THEM I WILL HELP ARRANGE IT.

IF I CAN ASSIST YOU ANY FURTHER PLEASE  
CALL ME AT 286-1367.

# of copies including this sheet \_\_\_\_\_

Should there be any problems receiving this fax please contact us at either of the following numbers:  
(510) 873-6300 or (510) 286-1300.

TABLE 2.2.1

## Preliminary Endangerment Assessment

Phoenix 800  
800 Cedar Street  
Oakland, Alameda County, California  
Past and Current Site Activities

NAME OF BUSINESS	TYPE OF BUSINESS	DATES OF OPERATION	BUSINESS OPERATOR	PROPERTY OWNER
a) J & A Machine Shop	Auto Parts/Valve Manufacturer	1985 to Present	Tanya Skrabo	Phoenix Properties
Phoenix Iron Works	Structural Steel Molds Industrial Construction Castings/Bushings	Approximately 1970 to Present	Weiden L. Russell	Phoenix Properties
c) Michael Bondi Metal Design	Constructs Wrought Iron Gates, Stairs, Railings, Furniture, & Accessories	1987 to Present	Michael Bondi	Phoenix Properties
d) Cypress Auto Parts	Buy/Sell Auto Parts	Approximately 1970 to Present	Michael K. Percey William S. Percey	Phoenix Properties
e) Ivan's Auto Body	Buy/Sell Auto Parts	Past (Unknown)	Unknown	Phoenix Properties
f) Pine Iron Works	Iron Works	Past (Unknown) to 1990	Arthur Hovack	Phoenix Properties
g) Unknown Plastic Bag Co.	Plastic Bags	Unknown	Unknown	Phoenix Properties
h) Vennell Steel	Steel	Unknown	Unknown	Unknown
Independent Iron Works	Manufacturer of Industrial Steel Products	1924 to approximately 1960	Henry Gede, Jr. W.G. Meagher	Henry Gede Jr. W.G. Meagher
j) California Fireworks	Manufacturer of Fireworks (Wholesale & Jobber)	Approximately 1923 to 1927	Henry Graft	Unknown
k) The Dunn Cracker Co.	Crackers	Approximately 1889 to 1902	Unknown	Unknown
l) Calif. Bedding & Upholstering Co.	Bedding/Upholstering	Approximately 1902 to 1912	Unknown	Unknown
m) Unknown	Soap Factory	Possibly between 1912-1931	Unknown	Unknown
n) Terminal Manufacturing	Unknown	Unknown	Unknown	Unknown

TABLE 1: Summary of Analytical Results

Sample Location	Sample ID	Sample Matrix (soil/water)	TRPH EPA 818.1 (ppm)	TPHg EPA 8015 (ppm)	TPHd EPA 8013 (ppm)	VOCs EPA 8240 (ppb)	S-VOCs EPA 8270 (ppm)	Title 22 Metals exceeding T1LC or 10xSTLC value ①	PCBs and Pesticides EPA 8080
1	B1-S	soil	240	-	-	696 ppb acetone, 8.4 ppb ethylbenzene, 44 ppb toluene, 43 ppb xylenes	0.93 ppm di-n-butyl phthalate	7800 ppm Pb	nd
	B1-2	soil	< 10	-	-	nd	0.57 ppm di-n-butyl phthalate	<T1LC/10xSTLC	nd
	B1-5	soil	11	-	-	140 ppb acetone	②	<T1LC/10xSTLC	nd
	B1-10	soil	13	-	-	7.2 ppb benzene, 5.2 ppb 1,2-DCA, 9.3 ppb xylenes	0.38 ppm di-n-butyl phthalate	<T1LC/10xSTLC	-
	B1-15	soil	< 10	-	-	nd	0.12 ppm di-n-butyl phthalate	<T1LC/10xSTLC	-
	B1-W	water	< 1.0	-	-	nd	nd	<T1LC/10xSTLC	-
2	B2-S	soil	69	-	-	8.4 ppb xylenes	28.6 ppm total PNAwD	3400 ppm Pb	-
	B2-2	soil	< 10	-	-	nd	0.27 ppm di-n-butyl phthalate	<T1LC/10xSTLC	-
	B2-5	soil	15	-	-	nd	0.22 ppm di-n-butyl phthalate	<T1LC/10xSTLC	-
	B2-10	soil	< 10	-	-	nd	0.11 ppm di-n-butyl phthalate	<T1LC/10xSTLC	-
3	B3-T	soil	170	< 1.0	< 1.0	30 ppb acetone, 9.3 ppb ethylbenzene, 12 ppb toluene, 88 ppb xylenes	nd	70 ppm Pb	-
	B3-2	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
	B3-5	soil	20	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
	B3-10	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
4	B4-T	soil	93	< 1.0	< 1.0	nd	nd	3100 ppm Pb, 29 ppm As	nd
	B4-2	soil	14	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	nd
	B4-5	soil	17	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	nd
	B4-10	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
5	B5-T	soil	24	< 1.0	< 1.0	5.4 ppb benzene	0.27 ppm total PNAwD	1600 ppm Pb	nd
	B5-2	soil	< 10	< 1.0	< 1.0	11 ppb xylenes	nd	69 ppm Pb	nd
	B5-5	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	nd
	B5-10	soil	< 10	< 1.0	< 1.0	5.8 ppb benzene	nd	<T1LC/10xSTLC	-
	B5-15	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
6	B6-T	soil	130	< 1.0	< 1.0③	nd	nd	17,000 ppm Pb, 44 ppm As	nd
	B6-2	soil	11	< 1.0	< 1.0	nd	nd	59 ppm Pb	nd
	B6-5	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	nd
	B6-10	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
	B6-15	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
7	B7-T	soil	110	< 1.0	< 1.0	34 ppb acetone	nd	430 ppm Pb, 26 ppm As	nd
	B7-2	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	nd
	B7-5	soil	30	< 1.0	< 1.0	nd	nd	110 ppm Pb, 240 ppm Ni	nd
	B7-10	soil	< 10	< 1.0	< 1.0	nd	nd	<T1LC/10xSTLC	-
	B7-15	soil	< 10	< 1.0	< 1.0③	nd	nd	<T1LC/10xSTLC	-
	B7-W	water	< 1.0	< 0.05	< 0.05	nd	nd	<T1LC/10xSTLC	-

**TABLE 1: Summary of Analytical Results**

**Notes:**

- TRPH** Total Recoverable Petroleum Hydrocarbons by EPA method 418.1
- TPHg** Total Petroleum Hydrocarbons as gasoline by EPA Methods 3050/8015M
- TPHd** Total Petroleum Hydrocarbons as diesel by EPA Methods 3310/3550/8015M
- VOCs** Volatile organic compounds by EPA Method 8240. Refer to laboratory result sheets for individual compound detection limits.
- S-VOCs** Semi-volatile organic compounds by EPA Method 8270. Refer to laboratory result sheets for individual compound detection limits.
- PNAs** Polynuclear aromatic. Refer to note ④ below.
- Title 22** California Code of Regulations, Title 22 Metals (formerly CAM 17 metals) by EPA Methods 3050A M/6010/7471
- PCBs** Polychlorinated biphenols and organochlorine pesticides by EPA Method 8080
- ppm** Parts per million. Equivalent to milligrams per kilogram (mg/Kg) for soils and milligrams per liter (mg/L) for water.
- ppb** Parts per billion. Equivalent to micrograms per kilogram (µg/Kg) for soil and micrograms per liter (µg/L) for water.
- nd** Individual EPA 8240, EPA 8270, or EPA 8080 compound not detected at a concentration above detection limits. Refer to laboratory result sheets for individual compound detection limits.
- <** The constituent analyzed was not detected at a concentration at or above the listed detection limit.
- ①** Refer to Table 2 for results of metal analyses.
- ②** Sample B1-S contained 0.15 ppm phenol, 0.57 ppm di-n-butyl phthalate, 0.15 ppm butyl benzyl phthalate
- ③** Sample B2-S contained 8.6 ppm phenanthrene, 8.2 ppm fluorethene, 6.8 ppm pyrene, and 5.0 ppm chrysene.
- ④** Sample B5-T contained 0.06 ppm phenanthrene, 0.09 ppm fluorethene, 0.07 ppm pyrene, and 0.05 ppm chrysene.
- ⑤** Motor oil was detected in this sample.
- Not analyzed.

Table 1. Summary of Title 22 Metals Analysis (in ppm)

Soil Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mo	Ni	Se	Ag	Tl	V	Zn	Hg
B1-S	13	8.5	350		11	34	8.1	53	3000		17			23	45	490	0.52
B1-2	3.3	1.2	38		2.9	14	2.1	2.5	4.9		8.2			14	21	11	
B1-5	5.9	2.0	44		4.3	15	2.8	2.2	4.9		11			17	30	9.1	
B1-10	5.6	3.6	48		6.0	22	3.8	3.2	6.9		24			22	33	14	
B1-15	6.0	2.8	48		5.4	25	5.7	3.9	6.0		30			19	32	17	
B2-S	16	7.8	140		13		6.7	28	3400		5.3			7.8	57	280	0.28
B2-2		1.1	52		2.9	13	2.6	3.1	4.8		8.9			13	19	8.7	
B2-5			24		2.9	13	2.2	1.8	3.6		8.2			16	22	7.1	
B2-10	8.1	2.7	47		5.3	20	5.3	4.3	6.8		29			16	34	16	
B3-T		3.8	88		0.7	10	3.4	24	70		12				18	60	0.26
B3-2		2.1	68		0.7	12	2.0		2.5		10				13	9.8	
B3-5		1.7	35		0.6	11	2.4		2.5		9.3				13	8.7	
B3-10		7.3	64		1.0	16	4.2	6.0	4.5		33				21	21	
B4-T		29	220		3.9	5.4	5.3	59	3100		15				21	710	0.44
B4-2		5.1	42		0.7	11	2.5	2.8	4.8		9.7				14	18	0.06
B4-5		1.7	32		0.8	13	1.6	1.1	2.4		10				14	9.7	
B4-10			76		1.3	29	1.1	4.0	5.1		26				30	18	0.07
B5-T		18	130		2.6	9.0	4.1	21	1600		15				17	140	0.21
B5-2			120		1.1	7.8	3.1	13	69		11				13	120	0.45
B5-5		2.1	34		0.9	10	1.5	1.4	2.3		9.6				12	11	
B5-10		1.9	68		1.3		3.6	2.5	5.8		22				19	78	
B5-15		2.9	52		1.6	21	4.3	3.5	4.4		31				17	18	
B6-T	13	44	520		4.0	110	9.7	58	17,000	2.0	20				21	330	0.21
B6-2		11	91		1.3	11	3.2	8.3	59		12				16	41	0.19
B6-5		7.4	27		1.1	12	2.7	1.1	3.9		11				15	10.0	
B6-10		7.8	45		2.0	8.7	3.9	3.5	4.1		24				17	15	
B6-15		11	49		2.1	13	4.1	3.6	3.8		30				17	18	
B7-T		26	140		3.2		3.1	36	430		16				17	270	0.23
B7-2	2.1	9.3	48		1.1	7.6	2.8	2.1	3.2		8.3				12	8.8	
B7-5		3.3	61			14	2.3	4.4	110		240				13	33	
B7-10		6.0	48			17	4.3	1.8	4.7		27				17	17	
B7-15		2.9	30			14	2.8		2.3		17				12	11	
Soil DL (mg/Kg)	2.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	0.05
Water Sample ID	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mo	Ni	Se	Ag	Tl	V	Zn	Hg
B1-W			6.0	0.028	0.23	1.4	0.58	0.37	3.8		11				2.1	2.3	0.008
B7-W			0.22		0.008	0.03	0.02	0.01	0.03		0.35				0.08	0.07	
Water DL (mg/L)	0.02	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.001
TTLC Value (mg/Kg)	500	500	10,000	75	100	2500	8000	2600	1000	3500	2000	100	500	700	2400	5000	20
STLC Value (mg/L)	15	5.0	100	0.75	1.0	680	80	25	5.0	350	20	1.0	5	7.0	24	250	0.2

Table 1. Summary of Title 22 Metals Analysis (in ppm)

Notes:

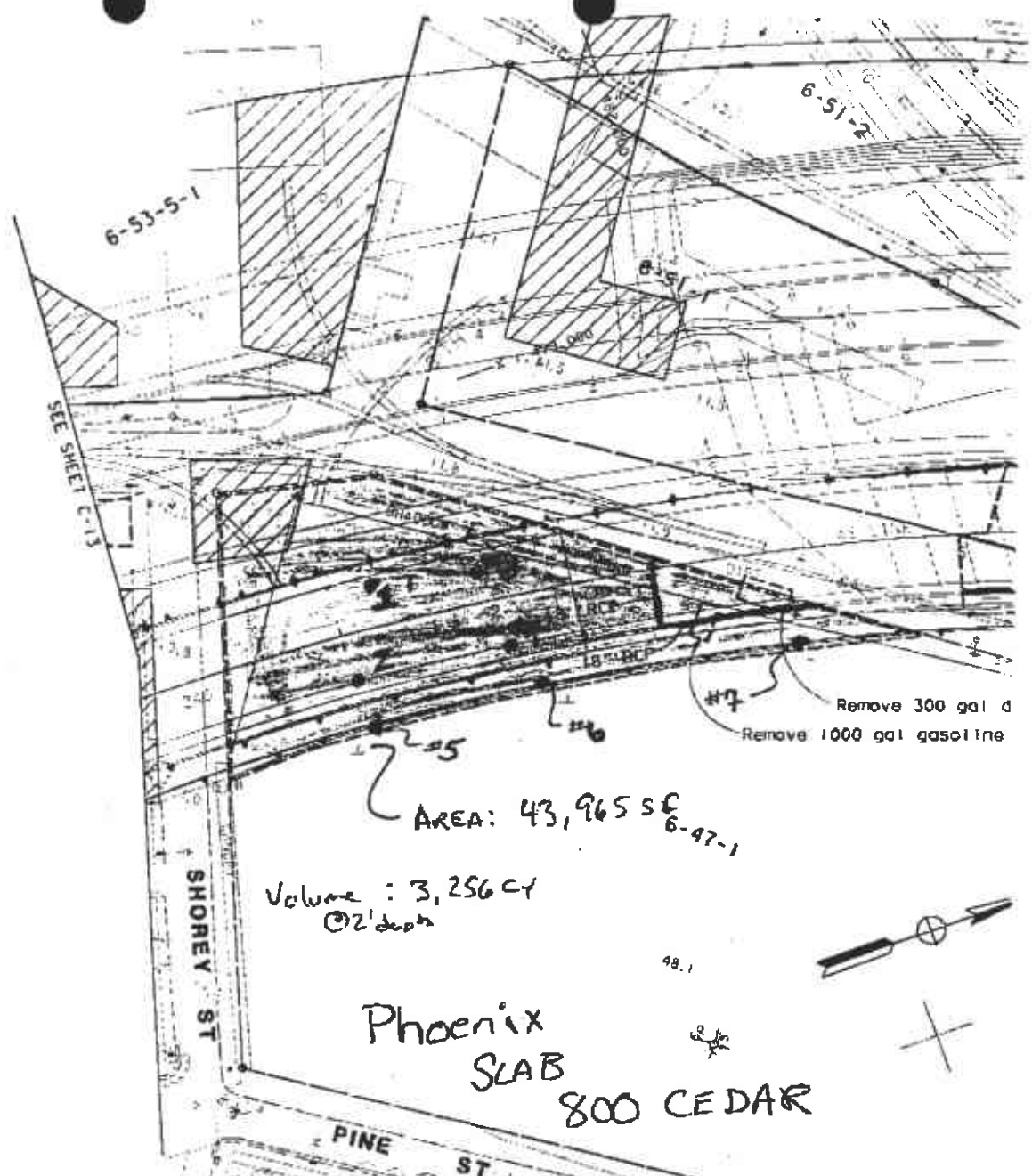
Metals:

Sb	Antimony	As	Arsenic	Ba	Barium	Be	Beryllium	Cd	Cadmium
Cr	Chromium	Co	Cobalt	Cu	Copper	Pb	Lead	Mo	Molybdenum
Ni	Nickel	Se	Selenium	Ag	Silver	Tl	Thallium	V	Vanadium
Zn	Zinc	Hg	Mercury						

(blank)  
 ppm  
7800  
 44  
 DL  
 TTLC  
 STLC

Indicated that the metal was not detected in the sample at a concentration above the detection limit.  
 Parts per million. Equivalent to milligrams per kilogram (mg/Kg) for soil and milligrams per liter (mg/L) for water.  
 Bold and underline indicates the detected metal concentration exceeds the Title 22 TTLC value.  
 Bold without underlined indicates the detected metal concentration is greater than 10 times the Title 22 STLC value.  
 Detection limit.  
 Total threshold limit concentration.  
 Soluble threshold limit concentration.

PROJECT ENGINEER WILFREDO M. SULAY	DATE	REVISOR
	DATE	DATE
PROJECT DEVELOPMENT	CALCULATED/DESIGNED BY	CHECKED BY
	DATE	DATE



**STRUCTURE EXCAVATION, CONTAMINATED MATERIAL**

SOUND WALL #2	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
#S 234+67 to 247+00	3' Dgs	Pb

**STRUCTURE EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)**

SOUND WALL #2	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
#S 247+00 to 250+28.33	3' Dgs	Pb

**ROADWAY EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)**

LOCATION	AVERAGE DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
#S 245+00 to 248+50	full depth	Pb

**2** REVISED PER ADI

FOR REDUCED P  
ORIGINAL PLAN