

LOWNEY ASSOCIATES
Environmental / Geotechnical / Engineering Services

Fax Transmittal

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To: Alameda County Department of Environmental Health	From: Mark Armiola
Attn: Susan Hugo	Date: February 14, 2002
Fax: (510) 337-9335	Pages: 5 (Including Cover)
CC:	Project: 1300 and 1350 Powell Street
	Job #: 1424-9A

Please notify us if you received this fax in error by calling the office indicated above.

Remarks: Urgent For your review Reply ASAP Please comment

Dear Susan,

A updated site sketch showing boring locations, another copy of the tables of PID readings, and a table of laboratory analytical results are on the following pages. An updated table with the missing analyticals will follow as soon as I receive the data. Based on the PID readings, the zone of impact appears to be at a depth of approximately 10 feet (with a range between 7½ and 13 feet).

Thank you,

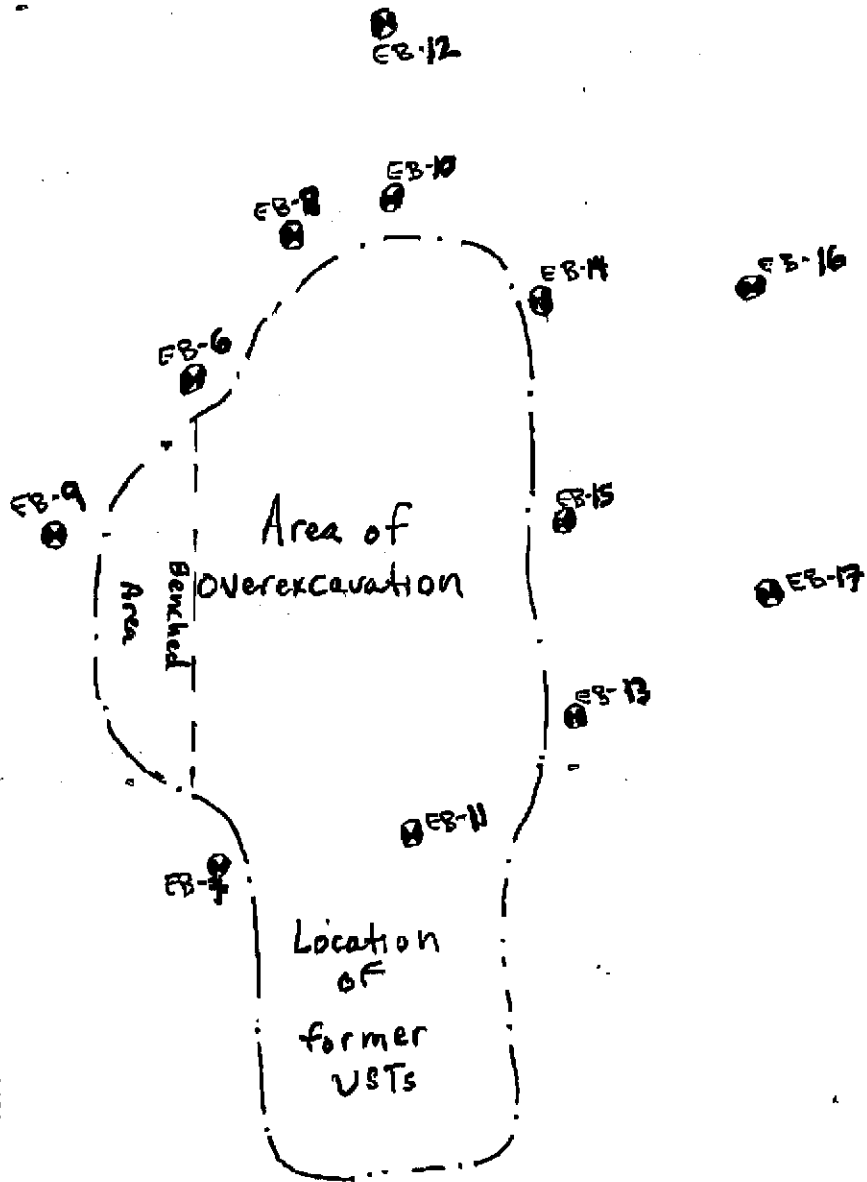
Lowney Associates



Mark Armiola
Project Geologist

Mail copy to follow: Yes No Time Sent: _____ Sent By: _____

Property Boundary



To 65TH Street
↓

Scale: 1"=15'



LOWNEY ASSOCIATES

Environmental/Geotechnical/Engineering Services

February 12, 2002
1424-4B

Project: 1274 65th Street and 1269 66th Street

Down-Hole PID Readings (2/11/02)

Boring Number	Depth	PID Reading
EB-6	3 ½ - 4	126
EB-6	7 ½ - 8	525
EB-6	9 ½ - 10	123
EB-6	12 ½ - 13	32.5
EB-6	15 ½ - 16	8.7
EB-6	18 ½ - 19	8.5
EB-7	1 ½ - 2	10
EB-7	4 ½ - 5	25
EB-7	6 ½ - 7	20
EB-7	7 ½ - 8	390
EB-7	10 ½ - 11	111
EB-7	13 ½ - 14	70.3
EB-7	16 ½ - 17	8.8
EB-7	19 ½ - 20	3.5
EB-7	22 ½ - 23	3.9
EB-8	3 ½ - 4	16.5
EB-8	6 ½ - 7	38.1
EB-8	9 ½ - 10	782
EB-8	12 ½ - 13	107
EB-8	14 - 14 ½	58.3
EB-8	16 - 16 ½	78.5
EB-8	17 ½ - 18	15.0
EB-8	19 - 19 ½	7.5
EB-9	1 ½ - 2	9.2
EB-9	4 ½ - 5	6.2
EB-9	7 ½ - 8	575
EB-9	10 ½ - 11	40.3
EB-9	13 ½ - 14	27.9
EB-9	16 ½ - 17	6.1
EB-9	19 ½ - 20	6.8
EB-9	22 ½ - 23	4.5
EB-10	4 - 4 ½	269
EB-10	6 ½ - 7	56.1
EB-10	10 - 10 ½	492
EB-10	11 ½ - 12	30.1
EB-10	13 - 13 ½	10.2
EB-10	15 ½ - 16	3.1
EB-10	17 ½ - 18	1.9
EB-10	19 ½ - 20	2.8
EB-10	23 - 23 ½	1.4

Boring Number	Depth	PID Reading
EB-11	7 ¼ - 7 ¾	(excavation backfill)
EB-11	10 ¼ - 10 ¾	14.3
EB-11	13 ¼ - 13 ¾	5.8
EB-11	16 ¼ - 16 ¾	5.5
EB-11	19 ¼ - 19 ¾	4.8
EB-11	22 ¼ - 22 ¾	2.3
EB-12	4 - 4 ½	1.5
EB-12	7 - 7 ½	3.9
EB-12	10 - 10 ½	2.7
EB-12	13 - 13 ½	1.7
EB-12	15 ½ - 16	0.4
EB-12	19 - 19 ½	1.2
EB-12	23 - 23 ½	1.5
EB-13	4 - 4 ½	25.4
EB-13	7 - 7 ½	420
EB-13	10 - 10 ½	754
EB-13	12 ½ - 13	31.2
EB-13	14 ½ - 15	11.2
EB-13	17 ½ - 18	12.0
EB-13	19 ½ - 20	17.2
EB-13	23 - 23 ½	10.4
EB-14	4 - 4 ½	357
EB-14	7 - 7 ½	160
EB-14	10 - 10 ½	412
EB-14	13 - 13 ½	4.5
EB-14	16 - 16 ½	2.1
EB-14	18 ½ - 19	1.0
EB-15	6 ½ - 7	1166
EB-15	9 ½ - 10	1450
EB-15	12 ½ - 13	1305
EB-15	15 ½ - 16	20.3
EB-15	18 - 18 ½	65
EB-16	4 - 4 ½	61.2
EB-16	7 - 7 ½	984
EB-16	9 ½ - 10	503
EB-16	12 ½ - 13	5.4
EB-16	16 - 16 ½	15.2
EB-16	19 - 19 ½	4.8
EB-16	23 - 23 ½	14.5
EB-16	25 ½ - 26	8.2
EB-16	27 ½ - 28	5.6
EB-17	6 ½ - 7	265
EB-17	9 ½ - 10	504
EB-17	12 ½ - 13	21.5
EB-17	15 ½ - 16	10.5
EB-17	18 - 18 ½	8.9

Table 5. Analytical Results of Selected Shallow Soil Samples
(concentrations in parts per million)

Sample Number	Depth (feet)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
EB-7	8½-9	220	640	<250	<3.1	<3.1	<3.1	<3.1	<3.1
EB-8	10-10½		63	<50					
EB-9	8½-9	620	150	<50	4.0	<3.1	8.7	<3.1	<3.1
EB-12	7-7½		<1.0	<50					
EB-13	10-10½		860	<250					
EB-14	10-10½	94	49	<50	<0.062	<0.062	0.085	<0.062	<0.062
EB-15	10-10½		470	<100					
EB-16	7-7½		130	<100					
EB-17	9½-10	92	950	<250	<0.062	<0.062	1.4	<0.062	<0.062
Residential PRG*		NE	NE	NE	0.65	520	230	210	17

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
 * Preliminary Remediation Goal-EPA Region 9, November 2000
 NE Not established

Table 2. Analytical Results of Selected Ground Water Samples
(concentrations in parts per billion)

Boring Number	Date	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
EB-6	2/11/02	510	240	<630	18	3.1	14	13	<5.0
EB-10	2/11/02	90	<110	<1,100	<0.50	1.5	1.3	2.8	<5.0
EB-11	2/11/02	2,500	<220	<2,200	<25	<25	29	99	<250
EB-15	2/11/02	3,600	2,300	<740	140	75	150	450	<25
MCL*		NE	NE	NE	1.0	150	700	1,750	13

< Indicates that the compound was not detected at or above the stated laboratory reporting limit
 * Drinking water Maximum Contaminant Levels-California DHS, January 31, 2001
 NE Not established