

FACSIMILE TRANSMITTAL



TO:
EVA CHU
ALAMEDA COUNTY
DEPT OF ENVIR.
HEALTH.

FROM:
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FAX NO: (510) 337 9335	NO. OF PAGES (INCLUDING COVER SHEET)	3
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SUBJECT: <u>SOIL SAMPLING</u> <u>1916 WEBSTER ST</u> <u>ALAMEDA (AHA)</u>	DATE: <u>6/12/96</u>	
	FM PROJ. NO:	
	YOUR PROJ. NO:	

WE ARE FAXING YOU:	THESE ARE TRANSMITTED:
<input type="checkbox"/> Draft Report <input type="checkbox"/> Final Report <input type="checkbox"/> Proposal <input type="checkbox"/> Other: <input type="checkbox"/> Hard copy to follow	<input type="checkbox"/> For Review and Comment <input checked="" type="checkbox"/> For Your Information and Use <input type="checkbox"/> As Requested (by: _____) <input type="checkbox"/> Other:

ADDITIONAL REMARKS

EVA,

AS REQUESTED I AM PROVIDING A
SUMMARY OF PID / LITHOLOGY FOR
BOZINGS @ 1916 WEBSTER. PLEASE
CONSIDER THIS AN ADDENDUM TO
LETTER REPORT DATED 6/3/96.
HARD COPY TO BE MAILED -

THANKS *Pth*

**Summary of Observed Lithology and Photo-Ionization Readings
Subsurface Soil Sampling**



Housing Authority of the City of Alameda
1916 Webster Street
Alameda, California

Soil Boring Number	PHOTO-IONIZATION DETECTOR* READINGS		LITHOLOGY	
	Depth Interval (in feet)	PID Reading (part per million)	Depth Interval (in feet)	Soil Description
FB-1	1.1 - 1.5	4.7	0 - 3	Black gray/ green clayey silt, gravel, plastic - MH
	2.0 - 2.5	Laboratory	3 - 5	Black gray silty sand, mottled, plastic - SM
	3.0 - 3.5	BDL	5 - 9	Dark gray, very fine sand - SM
	4.0 - 4.5	BDL		
	8.0 - 8.5	BDL		
FB-2	0.6 - 0.8	0.2	0 - 1.8	Dark gray/green clayey silt, gravel - MH
	1.3 - 1.5	2.0	1.8 - 3.7	Brown silty sand, organics, plastic - SM
	2.3 - 2.6	Laboratory	3.7 - 9.0	Light gray, fine silty sand - SM
	5.3 - 5.6	BDL		
	8.2 - 8.5	BDL		
FB-3	1.7 - 1.9	0.4	1 - 4	Brown to dark brown fine silty sand, odor - SM
	2.0 - 2.6	Laboratory	4 - 6	Brown silty sand, trace silt and gravel - SM
	3.4 - 3.6	BDL	6 - 9	(poor recovery)
	5.4 - 5.6	0.2		
FB-4	1.1 - 1.3	3.8	0 - 1	Brown fine sand and gravel - SM
	1.5 - 2.0	Laboratory	1 - 2	Gray clayey silt, trace sand, plastic - MH
	5.7 - 5.9	0.2	2 - 9	Dark brown silty sand - SM
	8.7 - 9.0	BDL		
FB-5	1.0 - 1.2	48.0	0 - 0.6	Pavement base material
	1.5 - 2.5	Laboratory	0.6 - 1.4	Gray to brown clayey silt with minor sand, trace gravel, plastic, mottled - MH
	3.4 - 3.7	26.0	1.4 - 4	Dark brown silty sand - SM
	5.4 - 5.6	8.8	4 - 9	Light gray silty sand, trace gravel - SM
	8.1 - 8.3	0.2		
FB-6	0.7 - 0.9	1.2	0 - 1	Pavement base material
	1.0 - 1.5	Laboratory	1 - 1.5	Dark brown silty sand with gravel - SM
	5.6 - 5.8	0.2	5 - 6.2	Dark brown silty sand - SM
	8.0 - 8.3	BDL	6.2 - 9	Gray silty sand - SM
FB-7	1.0 - 1.3	128.0	0 - 1.9	Brown/ gray silty sand, mottled, trace gravel, SM
	1.6 - 2.2	Laboratory	1.9 - 4	Dark brown silty sand, trace cobbles - SM
	3.1 - 3.3	87.0	4 - 9	Gray/brown silty sand - SM
	5.1 - 5.4	1.2		
	8.0 - 8.3	0.5		



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Subsurface Soil Sampling



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(continued)

Soil Boring Number	PHOTO-IONIZATION DETECTOR* READINGS		LITHOLOGY	
	Depth Interval (in feet)	PID Reading (part per million)	Depth Interval (in feet)	Soil Description
FB-8	0.5 - 0.7	66.0	0 - 1.2	Gray silty sand, gravel, mottled, odor - SM
	0.7 - 1.2	Laboratory	4 - 6.2	Dark brown silty sand, trace cobbles - SM
	5.1 - 5.3	32.0	6.2 - 9	Gray to tan silty sand - SM
	8.0 - 8.2	0.8		
FB-9	0.9 - 1.1	0.1	0 - 1.4	Tan silty sand with gravel, slight odor - SM
	1.1 - 2.0	Laboratory	1.4 - 2.8	Dark brown silty sand - SM,
	2.4 - 2.6	0.2	5 - 9	Light gray silty sand - SM
	5.0 - 5.2	BDL		
	8.0 - 8.2	BDL		
FB-10	0.9 - 1.1	1.6	0 - 0.9	Gray/tan silty sand, minor gravel, slight odor - SM
	1.1 - 1.7	Laboratory	0.9 - 1.4	Dark brown silty sand, organics (topsoil) - SM
	2.6 - 2.8	0.2	1.4 - 9	Gray silty sand - SM
	5.0 - 5.2	0.5		
	8.0 - 8.4	BDL		
FB-11	0.8 - 0.9	0.4	0 - 1.2	Brown silty sand, gravel, no odor - SM
	0.9 - 1.9	Laboratory	1.2 - 2.2	Gray silty sand, trace gravel - SM
	3.1 - 3.3	BDL	2.2 - 4	Dark brown silty sand - SM
	5.0 - 5.2	BDL	4 - 9	Gray silty sand - SM
	8.0 - 8.2	BDL		
FB-12	1.0 - 1.3	13.2	0 - 2	Gray silty clay, mottled, trace gravel, odor - SM
	1.3 - 2.1	Laboratory	2 - 7	Dark brown silty sand, odor - SM
	3.7 - 4.0	12.0	7 - 8	Gray to tan silty sand - SM
	4.2 - 4.4	3.8		
	7.6 - 7.8	BDL		
FB-13	1.7 - 1.9	0.4	0 - 2	Gray silty clay, mottled, trace gravel, odor - CH
	2 - 2.8	Laboratory	2 - 7	Dark brown silty sand, odor - SM
	3.7 - 3.9	4.2	7 - 8	Gray to tan silty sand - SM
	4.1 - 4.3	1.0		
	7.7 - 7.9	BDL		

Notes:

Photoionization Detector was an Hnu model PI-101

BDL - Below Detection Limits

'Laboratory' indicates sample was submitted to certified laboratory for analysis.

MH - Inorganic silts, CH - Inorganic clays, SM - silty sands



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Subsurface Soil Sampling

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FB-8	0.5 - 0.7	66.0	0 - 1.2	Gray silty sand, gravel, mottled, odor - SM
	0.7 - 1.2	Laboratory	4 - 6.2	Dark brown silty sand, trace cobbles - SM
	5.1 - 5.3	32.0	6.2 - 9	Gray to tan silty sand - SM
	8.0 - 8.2	0.8		
FB-9	0.9 - 1.1	0.1	0 - 1.4	Tan silty sand with gravel, slight odor - SM
	1.1 - 2.0	Laboratory	1.4 - 2.8	Dark brown silty sand - SM,
	2.4 - 2.6	0.2	5 - 9	Light gray silty sand - SM
	5.0 - 5.2	BDL		
8.0 - 8.2	BDL			
FB-10	0.9 - 1.1	1.6	0 - 0.9	Gray/tan silty sand, minor gravel, slight odor - SM
	1.1 - 1.7	Laboratory	0.9 - 1.4	Dark brown silty sand, organics (topsoil) - SM
	2.6 - 2.8	0.2	1.4 - 9	Gray silty sand - SM
	5.0 - 5.2	0.5		
	8.0 - 8.4	BDL		
FB-11	0.8 - 0.9	0.4	0 - 1.2	Brown silty sand, gravel, no odor - SM
	0.9 - 1.9	Laboratory	1.2 - 2.2	Gray silty sand, trace gravel - SM
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	8.0 - 8.2	BDL		
FB-12	1.0 - 1.3	13.2	0 - 2	Gray silty clay, mottled, trace gravel, odor - SM
	1.3 - 2.1	Laboratory	2 - 7	Dark brown silty sand, odor - SM
	3.7 - 4.0	12.0	7 - 8	Gray to tan silty sand - SM
	4.2 - 4.4	3.8		
	7.6 - 7.8	BDL		
FB-13	1.7 - 1.9	0.4	0 - 2	Gray silty clay, mottled, trace gravel, odor - CH
	2 - 2.8	Laboratory	2 - 7	Dark brown silty sand, odor - SM
	3.7 - 3.9	4.2	7 - 8	Gray to tan silty sand - SM
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FB-2	0.6 - 0.8	0.2	0 - 1.8	Dark gray/green clayey silt, gravel - MH
	1.3 - 1.5	2.0	1.8 - 3.7	Brown silty sand, organics, plastic - SM
	2.3 - 2.6	Laboratory	3.7 - 9.0	Light gray, fine silty sand - SM
	5.3 - 5.6	BDL		
	8.2 - 8.5	BDL		
FB-3	1.7 - 1.9	0.4	1 - 4	Brown to dark brown fine silty sand, odor - SM
	2.0 - 2.6	Laboratory	4 - 6	Brown silty sand, trace silt and gravel - SM
	3.4 - 3.6	BDL	6 - 9	(poor recovery)
	5.4 - 5.6	0.2		
FB-4	1.1 - 1.3	3.8	0 - 1	Brown fine sand and gravel - SM
	1.5 - 2.0	Laboratory	1 - 2	Gray clayey silt, trace sand, plastic - MH
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	8.1 - 8.3	0.2		
FB-6	0.7 - 0.9	1.2	0 - 1	Pavement base material
	1.0 - 1.5	Laboratory	1 - 1.5	Dark brown silty sand with gravel - SM
	5.6 - 5.8	0.2	5 - 6.2	Dark brown silty sand - SM
	8.0 - 8.3	BDL	6.2 - 9	Gray silty sand - SM
FB-7	1.0 - 1.3	128.0	0 - 1.9	Brown/ gray silty sand, mottled, trace gravel, SM
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	5.1 - 5.4	1.2		
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