Ninyo & Moore Transmittal

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To: Eva Chu **Date:** April 28, 2000

Firm: Alameda County **Fax No:** (510) 337-9335

Address: **Telephone No:**

From: Kris Larson **Total Pages:** 1

Subject: Lead results from 2756 Main Street **Project No:** 400301-01

☐ Urgent ☐ For Approval ☐ For Your Use ☐ Please Reply ☐ As Requested

Original Document: ☐ Will Not Follow ☐ Will Follow ☐ By U.S. Mail ☐ By Other

Eva,

I checked with the lab and they indicated that the analysis of water samples WB-06 through WB-12 were correctly measured in mg/l. I am also attaching the tables (metals) and a map for the rest of the Main Street/Greenway Project boring and sample locations.

Thank you

Kris Larson
Senior Staff Environmental Geologist

were samples filtered before placing in preserved bottles?
HCl will cause metals to dissolve

Water samples may need to be collected again -

Will park be higher than highest gw elevation - i.e. will gw be exposed to the public in the park?

- Geotechnical Engineering
- Engineering Geology
- Materials Testing and Inspection
- Construction Management
- Engineering Design
- Environmental Engineering
- Environmental Site Assessments
- Regulatory Compliance and Permitting
- Water Quality and Resource Evaluations
- Hazardous Waste Management
- Soil and Groundwater Remediation
- Asbestos and Lead-Based Paint Surveys
- Geophysical Studies
- Mineral Resource Evaluations
- Value Engineering
- Forensic Studies
- Expert Witness Testimony

TABLE 4
WATER SAMPLE ANALYTICAL DATA-METALS
CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

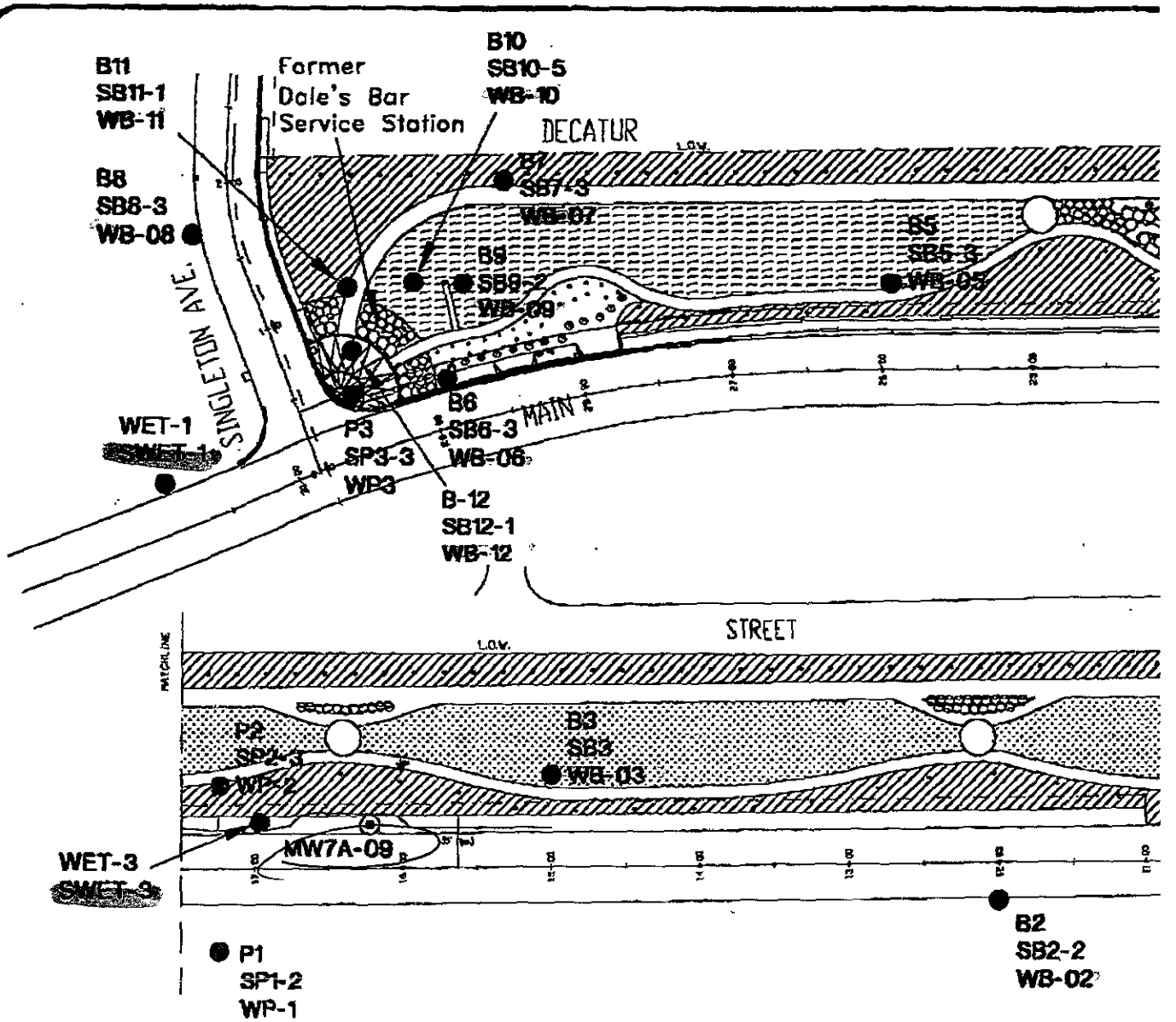
BORING	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WP-1[1]**	2/25/00	0.45	0.703	9.43	ND	0.614	8.56	1	4.29	16.2	0.361	0.019	5.03	0.661	ND	0.232	3.8	17.7
WP-2	2/25/00	0.416	0.52	3.73	ND	ND	1.99	0.356	1.41	0.511	0.13	0.007	2.23	ND	ND	0.092	1.52	1.53
WP-3	2/25/00	ND	3.88	18.8	ND	0.627	5.22	1.93	6.73	13.5	ND	0.039	7.44	ND	ND	0.483	5.65	16.3
WP-4**	2/25/00	ND	1.54	14	ND	ND	5.65	1.99	12	48.2	ND	0.028	6.48	ND	ND	0.648	8.51	16.3
WP-5**	2/25/00	ND	1.76	46.7	ND	0.559	2.85	1.85	5.91	4.22	ND	0.024	3.59	ND	ND	0.363	4.9	16.3
WP-6**	2/25/00	3.92	ND	17.5	ND	ND	4.53	3.85	32.5	13.5	ND	0.063	4.23	ND	ND	0.621	13.9	16.4
WP-7**	2/25/00	ND	0.722	44.1	ND	ND	2.02	1.42	4.76	1.8	ND	0.27	2.49	0.472	ND	ND	3.62	10.2
WB-01[1]**	2/25/00	0.268	0.27	2.11	0.003	0.044	1.22	0.228	1.01	1.031	0.11	0.039	1.17	ND	ND	0.44	0.879	2
WB-02**	2/25/00	0.341	0.466	10.9	ND	0.113	2.85	1.01	7.67	8.02	0.25	0.084	3.37	0.107	ND	0.183	4.12	16.4
WB-03	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-04	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-05	2/25/00	0.418	3.36	6.68	ND	0.074	5.69	0.951	2.16	1.38	0.398	0.025	5.4	0.047	ND	0.204	3.56	3.88
WB-06	2/25/00	ND	0.735	7.64	ND	0.051	2.99	0.856	3.78	13	0.265	0.039	2.99	0.071	ND	0.149	3.32	12
WB-07	2/25/00	0.491	0.187	3.23	0.02	ND	0.883	0.276	1.51	1.68	0.156	0.01	1.42	ND	ND	ND	0.868	7.69
WB-08**	2/25/00	0.417	1.15	2.56	ND	0.044	1.55	0.281	10.2	13.5	0.124	0.049	1.48	0.045	ND	0.073	1.02	12.7
WB-09	2/25/00	0.525	1.73	15.2	ND	0.399	2.78	0.718	8.89	15.4	0.201	0.02	3.16	0.091	ND	0.184	2.86	52.1
WB-10	3/21/00	ND	3.71	63.3	0.003	0.692	7.95	2.14	36.1	41.6	0.7	0.079	10.8	0.402	ND	0.531	8.13	129
WB-11	3/21/00	0.037	0.03	0.402	ND	0.01	0.073	0.034	0.98	0.854	ND	0.035	0.082	0.01	ND	0.006	0.117	0.907
WB-12	3/21/00	0.033	0.013	0.27	ND	ND	0.03	0.005	0.187	0.103	0.062	0.0008	0.024	ND	ND	ND	0.021	0.411
MW7A-09	2/25/00	ND	0.003	0.03	ND	ND	0.011	ND	0.022	0.007	ND	ND	0.017	ND	ND	ND	ND	0.032
WET-1	3/21/00	ND	0.011	0.201	ND	ND	0.022	0.008	0.032	0.022	ND	ND	0.016	ND	ND	ND	0.009	0.106
WET-2	3/21/00	ND	0.044	0.196	ND	ND	0.03	0.009	0.073	0.094	ND	ND	0.033	ND	ND	0.004	0.019	0.151
WET-3	3/21/00	0.031	0.017	0.15	ND	ND	0.068	0.015	0.078	0.109	ND	0.0004	0.099	ND	ND	ND	0.049	0.195

Notes
Soil samples units in milligrams per liter (mg/l)
ND non detect
[1] W = Water sample, P = Alameda Power & Telecom boring and 1 = boring location.
[2] W = Water sample, B = City of Alameda Public Works boring and 1 = boring location
NA Not analyzed
**Samples were collected outside the Greenway boundaries

TABLE 2
SOIL SAMPLE ANALYTICAL DATA-METALS
CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	DATE	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
SP1-2[1]**	2/25/00	ND	3.87	71.8	ND	0.888	41.9	5.27	36.6	151	1.5	0.32	22.1	0.661	0.979	1.62	32.4	199
SP2-3	2/25/00	ND	8.04	237	ND	ND	76.6	16.2	23.8	9.65	2.96	0.17	98.2	1.17	ND	2.82	38	51.2
SP3-3	2/25/00	ND	2.43	433	ND	3.14	56.1	37.9	13.7	7.17	5.71	0.13	46.5	ND	ND	5.26	184	50.2
SP4-3**	2/25/00	ND	8.72	85.4	ND	ND	ND	12.5	41.9	37.8	ND	ND	ND	ND	ND	6.22	66.23	72.3
SP5-3**	2/25/00	ND	7.15	209	ND	0.383	13.3	6.87	27	10.9	3.66	0.22	11.1	1.63	ND	3.51	30.1	84.8
SP6-3**	2/25/00	ND	2.4	12.1	ND	0.236	21.4	4.47	3.69	1.97	1.13	ND	17.8	ND	ND	0.694	14.8	14.2
SP7-3**	2/25/00	ND	9.25	395	ND	ND	37.2	13	39.4	12.1	8.57	0.13	17.2	ND	ND	5.15	63.2	111
SB1-3.5[2]**	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB2-2**	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-3	2/25/00	ND	15.1	96.4	ND	ND	28.7	ND	40.1	241	ND	0.21	20.1	ND	ND	4.35	79.9	144
SB4-3	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB5-3	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB6-3	2/25/00	ND	7.41	79.4	ND	0.352	38.1	10.5	35.5	813	2.67	0.13	39.6	ND	ND	4.75	45	90.9
SB7-3	2/25/00	ND	6.87	77.5	ND	ND	65.5	5.9	52.5	22.9	2.8	0.47	43.8	0.874	ND	3.02	44.8	49.2
SB8-3**	2/25/00	1.48	127	165	ND	2.06	23.7	11.1	90.3	68.1	1.99	0.36	39.7	1.58	ND	3.02	44.4	112
SB9-2	2/25/00	ND	3.89	62.5	ND	ND	31.7	5.21	18.1	23.9	1.79	0.33	28.1	0.531	ND	1.59	26	102
SB10-5	3/21/00	3.66	9.19	183	ND	1.17	30.4	7.07	73.8	64.9	3.62	0.22	33.1	0.577	ND	1.67	27	297
SB11-1	3/21/00	5.97	5.07	61.1	ND	1.07	17.7	8.36	160	201	2.38	0.39	18.3	0.612	ND	2.09	42.8	186
SB12-1	3/21/00	3.91	8.6	428	ND	1.83	42.7	8.1	105	169	8.3	0.35	46.1	0.979	ND	1.95	22	534
SWET-1	3/21/00	2.39	6.71	113	ND	1.94	41.2	7.49	88.1	121	1.75	0.6	40.4	0.534	ND	1.69	30.1	352
SWET-2	3/21/00	3.44	24.8	86.1	ND	2.18	46.2	6.71	170	603	2.14	0.82	37.6	0.461	ND	1.8	29	1,050
SWET-3	3/21/00	4.84	8.53	183	ND	0.658	41.2	8.23	65.7	167	1.47	0.37	45.2	0.629	ND	1.77	35.7	242

Notes
Soil sample units in milligrams per liter
ND non detect
[1] S = soil sample, P = Alameda Power & Telecom boring, 1 = boring location and -2 = depth of sample in feet
[2] S = soil sample, B = City of Alameda Public Works boring, 1 = boring location and -3.5 = depth of sample in feet
**Samples collected outside Greenway boundaries
NA Not analyzed

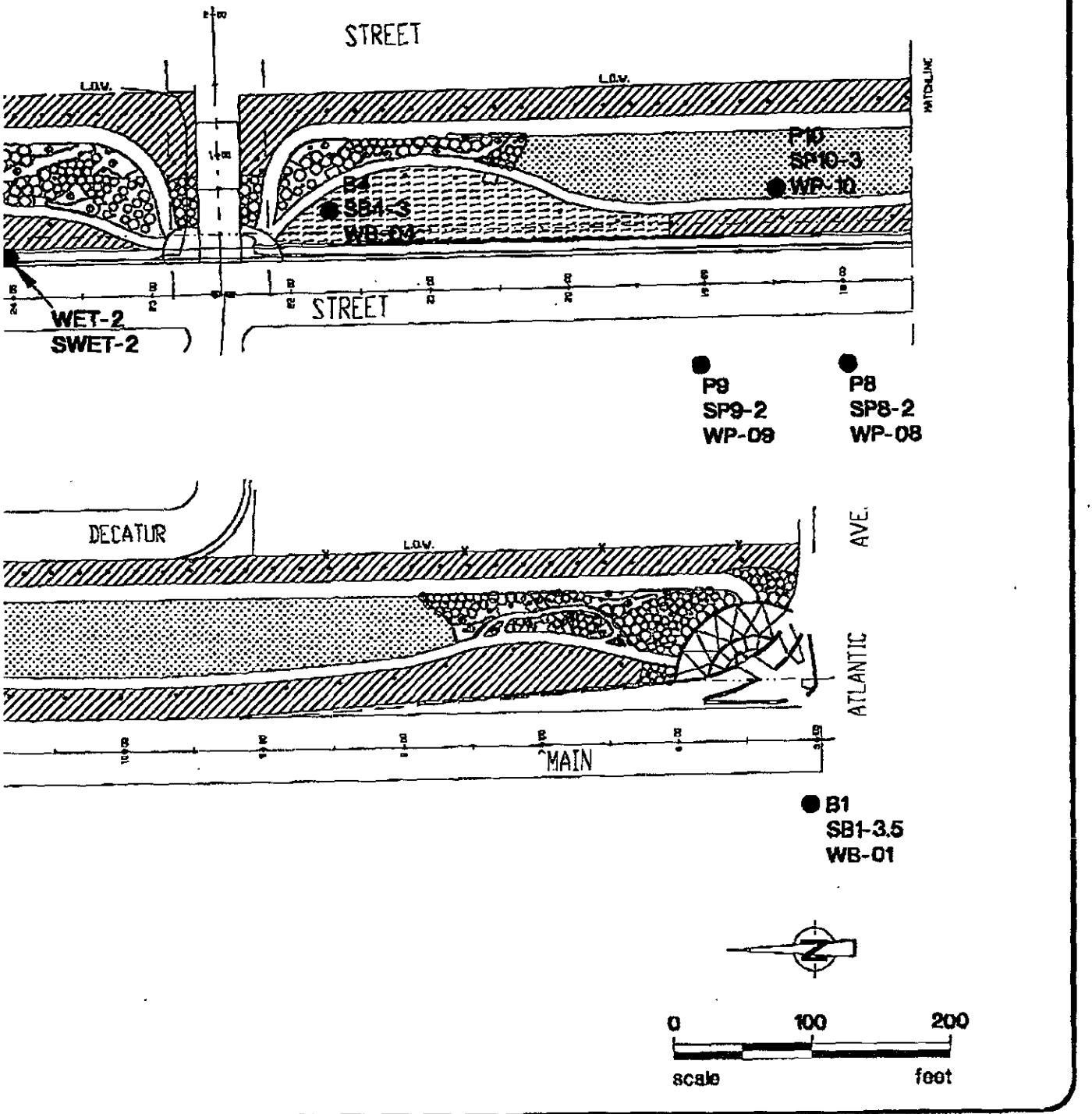


Former Navy Exchange Fuel Station

LEGEND

● B1	Approximate location of exploratory boring, city of Alameda Public Works Department
SB1-3.5	Soil sample location and depth
WB-01	Water sample location
● P1	Approximate location of exploratory boring, Alameda Power & Telecom
SP1-2	Soil sample location and depth
WP-1	Water sample location
● WET-1	Wetland samples – Water
SWET-1	Wetland samples – Soil
⊙ MW7A-09	Monitoring well

REFERENCE: TOM RICHMAN & ASSOCIATES, 1999, PLANTING PLAN, MAIN STREET GREENWAY, SHEET 3, DATED NOVEMBER.



Ninyo & Moore

BORING LOCATION MAP

MAIN STREET GREENWAY
ALAMEDA, CALIFORNIA

PROJECT NO.	DATE	FIGURE
400301-02	3/00	2

TABLE 2
SOIL SAMPLE ANALYTICAL DATA-METALS
CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	DATE	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
SP1-2[1]**	2/25/00	ND	3.87	71.8	ND	0.888	41.9	5.27	36.6	151	1.5	0.32	22.1	0.661	0.979	1.62	32.4	199
SP2-3	2/25/00	ND	8.04	237	ND	ND	76.6	16.2	23.8	9.65	2.96	0.17	98.2	1.17	ND	2.82	38	51.2
SP3-3	2/25/00	ND	2.43	433	ND	3.14	56.1	37.9	13.7	7.17	5.71	0.13	46.5	ND	ND	5.26	184	50.2
SP4-3**	2/25/00	ND	8.72	65.4	ND	ND	ND	12.5	41.9	37.6	ND	ND	ND	ND	ND	6.22	86.23	72.3
SP5-3**	2/25/00	ND	7.15	209	ND	0.383	13.3	6.87	27	10.9	3.66	0.22	11.1	1.63	ND	3.51	30.1	84.8
SP6-3**	2/25/00	ND	2.4	12.1	ND	0.236	21.4	4.47	3.69	1.97	1.13	ND	17.8	ND	ND	0.894	14.8	14.2
SP7-3**	2/25/00	ND	9.25	395	ND	ND	37.2	13	39.4	12.1	8.57	0.13	17.2	ND	ND	5.15	83.2	111
SB1-3.5**	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB2-2**	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-3	2/25/00	ND	15.1	96.4	ND	ND	26.7	ND	40.1	241	ND	0.21	20.1	ND	ND	4.35	79.9	144
SB4-3	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB5-3	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB6-3	2/25/00	ND	7.41	79.4	ND	0.352	38.1	10.5	35.5	813	2.67	0.13	39.6	ND	ND	4.75	45	90.9
SB7-3	2/25/00	ND	6.87	77.5	ND	ND	65.5	5.9	52.5	22.9	2.8	0.47	43.8	0.874	ND	3.02	44.8	49.2
SB8-3**	2/25/00	1.48	127	165	ND	2.06	23.7	11.1	90.3	68.1	1.99	0.36	39.7	1.58	ND	3.02	44.4	112
SB9-2	2/25/00	ND	3.89	62.5	ND	ND	31.7	5.21	18.1	23.9	1.79	0.33	28.1	0.531	ND	1.59	26	102
SB10-5	3/21/00	3.66	9.19	183	ND	1.17	30.4	7.07	73.8	64.9	3.62	0.22	33.1	0.577	ND	1.67	27	297
SB11-1	3/21/00	5.97	5.07	61.1	ND	1.07	17.7	8.36	160	201	2.38	0.39	18.3	0.612	ND	2.09	42.8	188
SB12-1	3/21/00	3.91	9.6	428	ND	1.83	42.7	8.1	105	169	8.3	0.35	46.1	0.979	ND	1.95	22	534
SWET-1	3/21/00	2.39	8.71	113	ND	1.94	41.2	7.49	88.1	121	1.75	0.6	40.4	0.534	ND	1.69	30.1	352
SWET-2	3/21/00	3.44	24.8	86.1	ND	2.18	46.2	6.71	170	603	2.14	0.82	37.6	0.461	ND	1.8	29	1,050
SWET-3	3/21/00	4.84	8.53	183	ND	0.658	41.2	8.23	65.7	167	1.47	0.37	45.2	0.629	ND	1.77	35.7	242

Notes
Soil sample units in milligrams per liter
ND non detect
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** Samples collected outside Greenway boundaries
NA Not analyzed

> 10x STLC is 50ppm

Elevated Pb in soil appears to be a regional problem.

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CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WP-1[1]**	2/25/00	0.45	0.703	9.40	ND	0.614	8.56	1	4.28	16.2	0.361	0.019	5.03	0.661	ND	0.232	3.8	17.7
WP-2	2/25/00	0.416	0.52	3.73	ND	ND	1.89	0.356	1.41	0.511	0.13	0.007	2.23	ND	ND	0.092	1.52	1.53
WP-3	2/25/00	ND	3.68	18.8	ND	0.627	5.22	1.93	6.73	13.5	ND	0.039	7.44	ND	ND	0.483	5.65	16.3
WP-4**	2/25/00	ND	1.54	14	ND	ND	5.65	1.99	12	48.2	ND	0.028	6.48	ND	ND	0.648	8.51	16.3
WP-5**	2/25/00	ND	1.76	46.7	ND	0.569	2.85	1.85	5.91	4.22	ND	0.024	3.59	ND	ND	0.353	4.9	16.3
WP-6**	2/25/00	3.92	ND	17.5	ND	ND	4.53	3.85	32.5	13.5	ND	0.063	4.23	ND	ND	0.621	13.9	16.4
WP-7**	2/25/00	ND	0.722	44.1	ND	ND	2.02	1.42	4.76	1.8	ND	0.27	2.49	0.472	ND	ND	3.62	10.2
WB-01[1]**	2/25/00	0.268	0.27	2.11	0.003	0.044	1.22	0.228	1.01	1.031	0.11	0.039	1.17	ND	ND	0.44	0.879	2
WB-02**	2/25/00	0.341	0.466	10.9	ND	0.113	2.85	1.01	7.67	8.02	0.25	0.084	3.37	0.107	ND	0.183	4.12	16.4
WB-03	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-04	2/25/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-05	2/25/00	0.418	3.36	6.88	ND	0.074	5.69	0.951	2.16	1.38	0.398	0.025	5.4	0.047	ND	0.204	3.56	3.88
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WB-11	3/21/00	0.037	0.03	0.402	ND	0.01	0.073	0.034	0.98	0.854	ND	0.035	0.082	0.01	ND	0.006	0.117	0.907
WB-12	3/21/00	0.033	0.013	0.27	ND	ND	0.03	0.005	0.187	0.103	0.062	0.0008	0.024	ND	ND	ND	0.021	0.411
MW7A-09	2/25/00	ND	0.003	0.03	ND	ND	0.011	ND	0.022	0.007	ND	ND	0.017	ND	ND	ND	ND	0.032
WET-1	3/21/00	ND	0.011	0.201	ND	ND	0.022	0.008	0.032	0.022	ND	ND	0.016	ND	ND	ND	0.009	0.108
WET-2	3/21/00	ND	0.044	0.196	ND	ND	0.03	0.009	0.073	0.094	ND	ND	0.033	ND	ND	0.004	0.019	0.151
WET-3	3/21/00	0.031	0.017	0.15	ND	ND	0.068	0.015	0.078	0.109	ND	0.0004	0.099	ND	ND	ND	0.049	0.195

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**Samples were collected outside the Greenway boundaries

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CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	Date	Antimon	Arsenic	Barium	Beryllium	Cadmium	Chromiu	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Dissolved Lead	TDS	Total Hardness
WP-1[1]	2-25 00	0 45	0 703	9,43	ND	0.614	8,56	1	4 29	16 2	0.361	0.019	5,03	0 661	ND	0,232	3,8	17.7	NA	NA	NA
WP-2	2-25 00	0 416	0 52	3,73	ND	ND	1,99	0.356	1.41	0 511	0.13	0.007	2,23	ND	ND	0,092	1.52	1 53	0 007	NA	NA
WP-3	2 25-00	ND	3 88	18 8	ND	0 627	5,22	1.93	6.73	13.5	ND	0 039	7.44	ND	ND	0,483	5.65	16.3	0,019	NA	NA
WP-4**	2 25-00	ND	1 54	14	ND	ND	5 65	1.99	12	48 2	ND	0 028	6 48	ND	ND	0 648	8 51	16.3	NA	NA	NA
WP-5**	2-25 00	ND	1 76	46.7	ND	0.559	2 85	1.85	5,91	4 22	ND	0.024	3 59	ND	ND	0 353	4.9	18.3	NA	NA	NA
WP-6**	2-25 00	3 92	ND	17.5	ND	ND	4,53	3,85	32.5	13.5	ND	0.063	4,23	ND	ND	0,621	13 9	16 4	NA	NA	NA
WP-7**	2 25-00	ND	0 722	44 1	ND	ND	2 02	1.42	4 76	1 8	ND	0 27	2 49	0 472	ND	ND	3.62	10.2	NA	NA	NA
WB-01[1]	2 25 00	0 268	0 27	2 11	0 003	0.044	1,22	0 228	1 01	1 031	0.11	0 039	1.17	ND	ND	0,44	0.879	2	1.031	1200	480
WB-02**	2-25-00	0 341	0 466	10,9	ND	0 113	2,85	1.01	7 67	8 02	0,25	0.084	3,37	0.107	ND	0,183	4.12	16.4	NA	NA	NA
WB-03	2-25-00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-04	2-25 00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB-05	2-25 00	0 418	3 36	6.68	ND	0 074	5,69	0,951	2,16	1 38	0,398	0 025	5 4	0,047	ND	0,204	3 56	3.88	NA	NA	NA
WB-06	2 25 00	ND	0 735	7,64	ND	0 051	2 99	0 856	3 78	13	0 265	0.039	2 99	0,071	ND	0,149	3.32	12	NA	NA	NA
WB-07	2-25 00	0 491	0 187	3 23	0.02	ND	0,883	0,276	1,51	1 68	0 156	0,01	1,42	ND	ND	ND	0.868	7.69	0.077	NA	NA
WB-08**	2 25 00	0 417	1 15	2 56	ND	0.044	1 55	0 281	10 2	13 5	0 124	0 049	1 48	0 045	ND	0,073	1.02	12.7	NA	NA	NA
WB-09	2-25-00	0 525	1 73	15,2	ND	0 399	2 78	0 718	8 89	15 4	0 201	0 02	3 16	0 091	ND	0 184	2 86	52 1	NA	NA	NA
WB-10	3-21 00	ND	3 71	63 3	0 003	0.692	7 95	2 14	36 1	41 6	0.7	0 079	10 8	0 402	ND	0 531	6.13	129	9,3	5,780	3,479
WB-11	3 21 00	0 037	0 03	0,402	ND	0 01	0 073	0 034	0,98	0,854	ND	0 035	0,082	0 01	ND	0,006	0.117	0,907	NA	NA	NA
WB-12	3 21-00	0 035	0 013	0 27	ND	ND	0 03	0 005	0 187	0.103	0 062	0 0008	0.024	ND	ND	ND	0 021	0 411	NA	NA	NA
MW7A-09	2-25-00	ND	0 003	0 03	ND	ND	0 011	ND	0.022	0.007	ND	ND	0 017	ND	ND	ND	ND	0.032	NA	NA	NA
WET-1	3 21-00	ND	0 011	0,201	ND	ND	0,022	0,008	0 032	0 022	ND	ND	0,016	ND	ND	ND	0,009	0,106	NA	NA	NA
WET-2	3 21-00	ND	0 044	0,196	ND	ND	0,03	0,009	0,073	0 094	ND	ND	0 033	ND	ND	0,004	0,019	0,151	NA	NA	NA
WET-3	3 21 00	0 031	0 017	0,15	ND	ND	0,068	0,015	0,078	0,109	ND	0,0004	0,099	ND	ND	ND	0,049	0 195	NA	NA	NA

Notes
Water sample units in milligrams per liter (mg/l)
ND non detect
W = Water sample P = Alameda Power & Telecom boring and 1 = boring location.
W - Water sample B - City of Alameda Public Works boring and 1 = boring location
Total Hardness measured as CaCO
NA Not analyzed
**Samples were collected outside the Greenway boundaries
TDS = Total Dissolved Solids

unfiltered

filtered

for filtered surface water
ACUTE: 189ppb Pb
CHRONIC: 3.0 ppb Pb

for unfiltered surface water
ACUTE: 320 ppb Pb
CHRONIC: 5.14 ppb Pb

TABLE 4
WATER SAMPLE ANALYTICAL DATA-METALS
CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	Date	Antimony	Arsenic	Barium	Berylium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
WP-3	2-25 00	ND	3.88	18.8	ND	0.627	5.22	1.93	6.73	13.5	ND	0.039	7.44	ND	ND	0.483	5.65	16.3
WB-06	2-25-00	ND	0.735	7.64	ND	0.051	2.99	0.856	3.78	13	0.265	0.039	2.99	0.071	ND	0.149	3.32	12
WB-07	2-25-00	0 491	0.187	3.23	0.02	ND	0.883	0.276	1.51	1.68	0.156	0.01	1.42	ND	ND	ND	0.868	7.69
WB 08**	2-25 00	0 417	1.15	2.56	ND	0.044	1.55	0.281	10.2	13.5	0.124	0.049	1.48	0.045	ND	0.073	1.02	12.7
WB-09	2-25-00	0 525	1.73	15.2	ND	0.399	2.78	0.718	8.89	15.4	0.201	0.02	3.16	0.091	ND	0.184	2.86	52.1
WB10	3-21-00	ND	3.71	63.3	0.003	0.692	7.95	2.14	36.1	41.6	0.7	0.079	10.8	0.402	ND	0.531	6.13	129
WB-11	3-21 00	0 037	0.03	0.402	ND	0.01	0.073	0.034	0.98	0.854	ND	0.035	0.082	0.01	ND	0.006	0.117	0.907
WB-12	3-21 00	0 033	0.013	0.27	ND	ND	0.03	0.005	0.187	0.103	0.062	0.0008	0.024	ND	ND	ND	0.021	0.411

Notes
Soil samples units in miligrams per liter (mg/l)
ND non detect
[1] W = Water sample, P = Alameda Power & Telecom boring and 1 = boring location.
[2] W = Water sample, B = City of Alameda Public Works boring and 1 = boring location
NA Not analyzed
**Samples were collected outside the Greenway boundaries

TABLE 2
SOIL SAMPLE ANALYTICAL DATA-METALS
CITY OF ALAMEDA MAIN STREET GREENWAY PROJECT

BORING	DATE	Antimony	Arsenic	Barium	Berylium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Mercury	Nickel	Selenium	Silver	Thalium	Vanadium	Zinc
SP3-3	2 25-00	ND	2.43	433	ND	3.14	56.1	37.9	13.7	7.17	5.71	0.13	46.5	ND	ND	5.26	184	50.2
SB6-3	2 25 00	ND	7.41	79.4	ND	0.352	38.1	10.5	35.5	813	2.67	0.13	39.6	ND	ND	4.75	45	90.9
SB7-3	2-25-00	ND	6.87	77.5	ND	ND	65.5	5.9	52.5	22.9	2.8	0.47	43.8	0.874	ND	3.02	44.8	49.2
SB8-3**	2-25-00	1 48	127	165	ND	2.06	23.7	11.1	90.3	68.1	1.99	0.36	39.7	1.58	ND	3.02	44.4	112
SB9-2	2-25 00	ND	3.89	62.5	ND	ND	31.7	5.21	18.1	23.9	1.79	0.33	28.1	0.531	ND	1.59	26	102
SB10 5	3-21 00	3 66	9.19	183	ND	1.17	30.4	7.07	73.8	64.9	3.62	0.22	33.1	0.577	ND	1.67	27	297
SB11-1	3-21-00	5 97	5.07	61.1	ND	1.07	17.7	8.36	160	201	2.38	0.39	18.3	0.612	ND	2.09	42.8	188
SB12-1	3-21-00	3 91	8.6	428	ND	1.83	42.7	8.1	105	169	8.3	0.35	46.1	0.979	ND	1.95	22	534

Notes
Soil sample units in miligrams per liter
ND non detect
' S = soil sample, P = Alameda Power & Telecom boring, 1 = boring location and -2 = depth of sample in feet
" S = soil sample, B = City of Alameda Public Works boring, 1 = boring location and -3.5 = depth of sample in feet
' Samples collected outside Greenway boundaries
NA Not analyzed