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Transmittal

Date 28 August 1992
To Ravi Arulanantham, Ph.D., CHMM
Alameda County Health Agency
Div. of Hazardous Materials
Dept. of Environmental Health
Project Number 1886.02
Project Name Sunnyside Nursery - Phase I

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Item Description Draft Results of Supplemental Soil Sampling
Phase I Development
Sunnyside Nursery
Hayward, California

Attachments:

- 1) Soil Sampling Locations
- 2) Table 1 - Draft Organic Compound Analytical Results
- 3) Table 2 - Draft Metal Analytical Results

Remarks The subject figure and tables are being faxed for your information. A final report will be prepared next week.

*Sample Results reviewed.
All levels acceptable to this division.
Proceed with building plans.*

Ravi
9/1/92

Signed Daniel Del Grande
cc: Curt Peterson, Plymouth Group (via fax) 968-5619

TABLE 1

ORGANIC COMPOUND ANALYTICAL RESULTS FOR SOIL SAMPLES¹
 7 and 12 AUGUST 1992
 Sunnyside Nursery
 Hayward, California

Results in milligrams per kilogram (mg/kg)

Sample I.D.	Sample Depth (inches)	Analytical Results ²		
		EPA Method 8080	EPA Method 8140	EPA Method 632
A-1	6	ND ³	ND	ND
B-1	18	ND	ND	ND
A-2	6	4,4' - DDE - 0.026 4,4' - DDT - 0.022	ND	ND
B-2	18	ND	ND	ND
A-3	6	ND	ND	Diuron - 0.03
B-3	18	ND	ND	ND
A-4	6	ND	ND	ND
B-5	18	ND	ND	ND
B-6	18	ND	ND	ND
B-7	18	ND	ND	ND

¹ Samples analyzed by Anametrix, Inc., of San Jose, California; Anresco, Inc., of San Francisco, California; and Apple Laboratories, Inc., of Fresno, California.

² Samples analyzed by: EPA Method 8080 - Organochlorine Pesticides and Polychlorinated Biphenyls; EPA Method 8140 - Organophosphorous Pesticides; EPA Method 632 - Carbamate and Urea Pesticides. Only compounds detected are listed on table.

³ ND = Chemicals were not detected above the laboratory's practical quantitation limit for the method.

TABLE 2
TOTAL METALS ANALYTICAL RESULTS FOR SOIL SAMPLES¹
7 AUGUST 1992
Sunnyside Nursery
Hayward, California

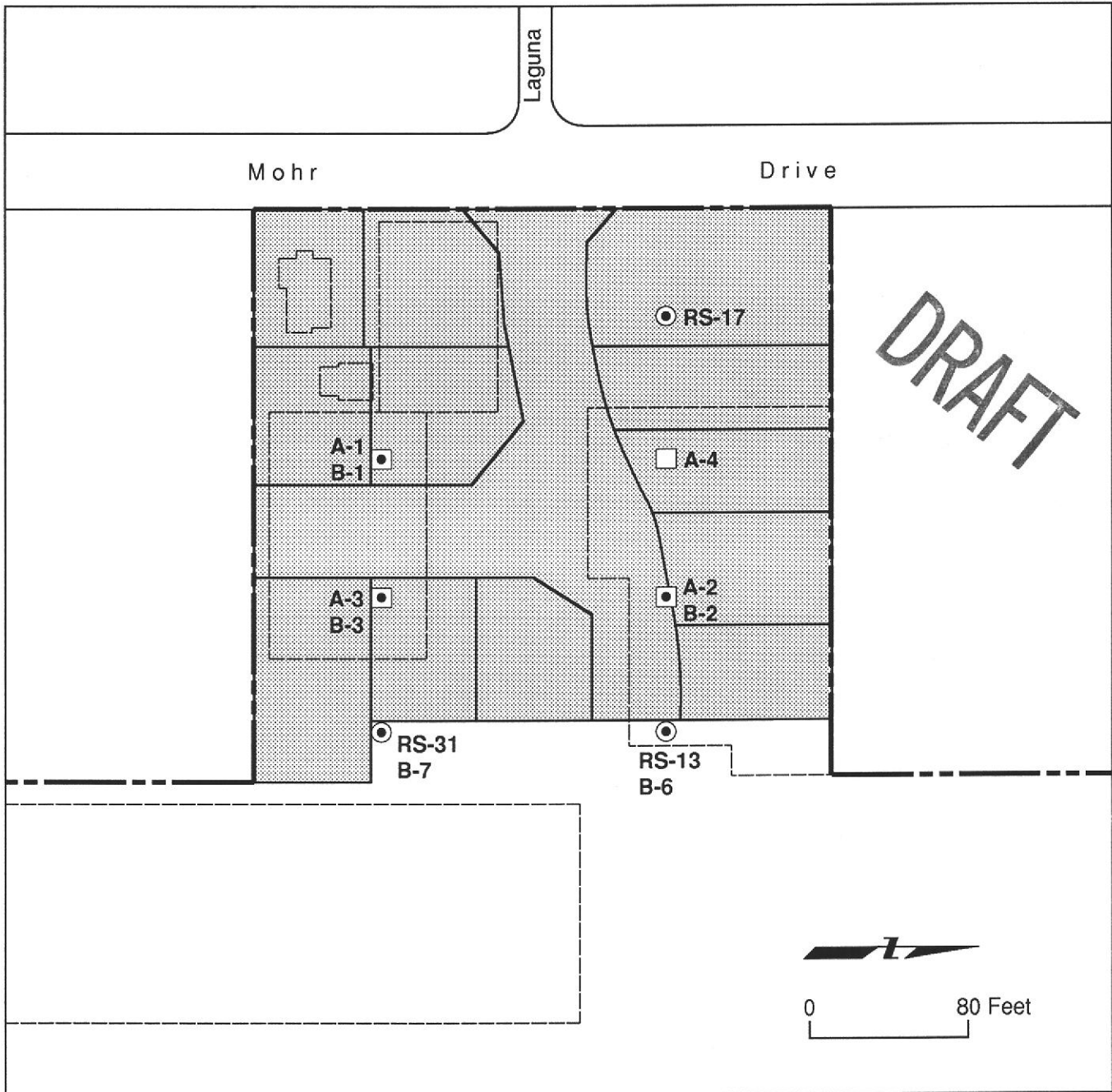
Results in milligrams per kilogram (mg/kg)

Sample I.D.	Sample Depth (inches)	Title 22 Metals ²											
		Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Vanadium (V)	Zinc (Zn)
A-3	6	2.2	174	0.42	0.27	32.0	9.6	18.3	9.9	<0.14	35.5	19.5	40.0
A-4 ³	6	<5.0	67.1	<0.62	<0.62	39.0	21.5	90.0	6.1	0.17	40.1	42.5	39.5

¹ Samples analyzed by Anametrix, Inc., of San Jose, California, by U.S. Environmental Protection Agency (EPA) Method 6010/7000.

² California Code of Regulations, Title 22, Section 66261.24. Only metals that were detected are listed. The metals antimony, molybdenum, selenium, silver, and thallium were not detected above their practical quantification limits.

³ Sample A-4 was analyzed at 1:2.5 dilution for EPA Method 6010 due to spectral interferences.



EXPLANATION

- RS-13 ○ Surface (0 - 6") sample location (Terratech, December 1990)
- A-1 □ Surface (0 - 6") sample location (Geomatrix, August 1992)
- B-1 • Near surface (18") sample location (Geomatrix, August 1992)
- Sunnyside Nursery property boundary
- Former building location
- ▨ Proposed phase I development area



SOIL SAMPLING LOCATIONS
 PHASE I DEVELOPMENT AREA
 Sunnyside Nursery
 Hayward, California

Figure
 1
 Project No.
 1886.02