

Golder Associates Inc.

180 Grand Avenue, Suite 250
Oakland, CA USA 94612
Telephone (510) 239-9000
Fax (510) 239-9010



August 3, 2000

Our Ref: 003-7181

Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Attention: Ms. Eva Chu

RE: SOIL REMEDIATION REPORT
2400 BAUMANN AVENUE, SAN LORENZO, CALIFORNIA

Dear Ms. Chu:

On behalf of Galileo Foods, Golder Associates Inc. (Golder) is submitting this letter report for soil remediation activities completed at the Galileo Foods facility located at 2400 Baumann Avenue, San Lorenzo, California (Figure 1).

Site Location and Description

The subject property (site) is located in western San Lorenzo, approximately one-half mile east of the San Francisco Bay. The site was first developed in 1965 and until 1972 was occupied by Oakland Terrazzo Tile Company, a tile manufacturing and processing operation. From 1972 to 1995 Service Manufacturing operated a truck body fabrication and painting facility at the site. Two spray paint booths were located along the east (east canopy area) and south (south canopy area) portions of the site (Figure 2). After 1995, Galileo Foods (formerly Gallo Salame) modified the existing structure for use associated with food production.

The site is bordered to the northwest by the Galileo Foods manufacturing plant (2411 Baumann Avenue); to the southeast by Santini Foods Inc. (16505 Worthley Drive); and to the southwest by J&S Trucking.

The site vicinity is zoned for heavy industrial use. The site is approximately one-acre in size and includes an approximately 15,400 square foot concrete, tilt-up style building. The majority of the area surrounding the building is asphalt paved.

Hydrogeologic Setting

The site is located in an area reclaimed from the nearby bay margin and is immediately underlain by fill material composed of rock and surficial deposits derived from nearby cuts or quarries (Golder 1999). This fill material is underlain by bay deposits consisting of alluvial and estuarian discontinuous deposits of soft mud and silt with some shell, peat, sand and gravel layers. Shallow groundwater is estimated to occur at approximately 7 to 8 feet (ft) below ground surface (bgs). Surface water from the site discharges via storm drains to San Francisco Bay.

Shallow, unconfined and discontinuous, water-bearing zones and clay beds extend to a depth of approximately 50 to 100 ft bgs. The uppermost shallow groundwater zone occurs throughout the San Lorenzo area at depths ranging from 5 to 30 feet (approximately 5 feet at the site), and the groundwater flow direction is generally to the west.

Previous Investigations

Previous investigations conducted by Golder, described in the report titled "Soil and Groundwater Investigation Report, 2400 Baumann Avenue, San Lorenzo, California, August 19, 1999" (Golder, 1999), identified the presence of lead in shallow soil in the vicinity of the former paint booth located along the south edge of the property (south canopy area).

The 1999 investigation included the drilling and sampling of six boreholes (B-6, B-7, B-8, B-9, B-10, and B-11, Figure 2). Two borings (B-6 and B-7) were drilled in the east canopy area. A third boring (B-8) was drilled west of the east canopy (Figure 2). Three borings (B-9, B-10, B-11) were drilled in the vicinity of the south canopy area.

Soil samples were collected in all boreholes and analyzed for lead. Lead was detected in all soil samples. The concentration of lead in the samples collected at the 3.5-4.5 foot depth interval (in all six boreholes) ranged from 3.0 to 49 milligrams per kilogram (mg/kg). Lead was reported at a concentration of 1,700 mg/kg in the surface soil sample collected from B-10 (0-0.5 ft bgs). However, the concentration of lead in the five other boreholes ranged from 2.6 to 130 mg/kg at ground surface (0-0.5 ft bgs). Lead was not reported in ground water samples collected at the site (Golder 1999).

The maximum concentration of lead reported in soil exceeded the total threshold limit concentration (TTLC) of 1000 mg/kg, established by California Code of Regulations (CCR) Title 22 in the B-10 sample only. Surface soil in this area was recommended to be removed to a depth of approximately one-foot to reduce the risk of potential future exposure to humans and the environment.

SCOPE OF WORK

Golder performed the following activities associated with the June 2000 investigation, as detailed below:

- Prepared a health and safety plan,
- Observed soil excavation,
- Collected six sidewall and discreet confirmatory soil samples for laboratory analysis,
- Documented excavation and sampling activities,
- Reviewed laboratory analytical results, and
- Preparation of this report.

FIELD OBSERVATIONS AND CONFIRMATION SAMPLING

Field Observations

On June 7, 2000, excavation of lead affected soil was initiated using a rubber tire backhoe operated by J. Quarle & Associates (JQ&A). Excavation was conducted in the vicinity of exploratory borehole B-10 (Figures 2 and 3). The excavation was completed over an approximate ten foot by ten foot area to a depth of approximately one foot. A total of approximately 4 cubic yards of soil was excavated. Excavated soil was placed in one cubic yard capacity tri-wall containers for subsequent offsite disposal. On July 19, 2000, the soil was transported by One Earth Environmental, Inc. and disposed of at DK Environmental, Inc.'s facility located in Los Angeles, California. Photographs documenting the excavation activities are included in Attachment A. A copy of the waste manifest is included as Attachment B.

Confirmation Soil Sampling

Following excavation a total of six confirmatory soil samples were collected from the excavation. Four sidewall samples (CS-1-SWN, CS-2-SWE, CS-3-SWS, CS-4-SWW) were collected from the center of each wall, and two samples (CS-5-BW and CS-6-BE) were collected from the bottom of the excavation (Figure 3).

All soil samples were collected in 1-inch diameter brass sleeves, sealed with Teflon tape and caps, cooled to 4°C, and transported to Sequoia Analytical, a State of California certified laboratory under chain-of-custody protocol. Soil samples were collected by pushing the sample tube directly into the sidewall or bottom of the excavation. All soil samples were analyzed for lead by EPA Method 7421.

FINDINGS AND CONCLUSIONS

Soil sample results are summarized in Table 1 and on Figure 3. A copy of the laboratory analytical report is included in Attachment C.

Lead was detected in all soil samples. The concentration of lead in the samples collected from the excavation sidewalls ranged from 2.2 mg/kg to 96 mg/kg for sample numbers 3 and 2 respectively. Lead was reported at a concentration of 7.6 mg/kg in the soil sample collected from the bottom, west side (sample 5) and 110 mg/kg in the bottom, east side (sample 6) of the excavation (Figure 3).

Lead sample results collected during the prior investigation are included in Table 1 for comparison. The range of concentrations previously reported are within the same order of magnitude for the confirmation samples 1-8 and the soil samples.

None of the lead concentrations reported in the confirmation samples exceeded the USEPA Region IX established Preliminary Remediation Goal (PRG) values for lead (400 mg/kg), or the California modified PRG of 130 mg/kg.

The results of the confirmation soil sampling indicates that the elevated concentration of lead reported in the south canopy area has been removed. In Golder's professional opinion, no further investigation and remediation of soil in the area of the former paint booth is warranted at this time.

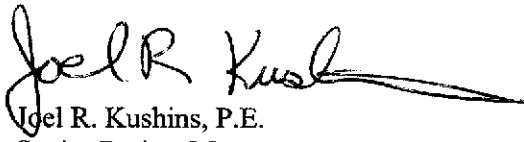
If you have any questions regarding this report, please contact Kent Reynolds in Golder's Oakland, California office at (510) 239-9000.

Sincerely,

GOLDER ASSOCIATES INC.



Kent R. Reynolds
Senior Hydrogeologist



Joel R. Kushins, P.E.
Senior Project Manager

KRR/JRK/mcs

Attachments: Table 1 – Summary of Soil Analytical Results
Figure 1 – Site Location
Figure 2 – Site Plan
Figure 3 – Approximate Limits of Excavation
Attachment A – Site Photographs
Attachment B – Waste Manifest
Attachment C – Laboratory Chemical Analyses Report

cc: Mr. Norm Robert, Galileo Foods

Wally Yuh, Industrial Engr. Mgr. 510/584-3595

~~24122~~ 2411 Baumann Ave

94580-1801

Galileo Foods

Table 1
Summary of Soil Analytical Results
Galileo Foods, 2400 Baumann Avenue, San Lorenzo, California

Sample Date	Sample Location	Sample Depth (feet bgs)	Lead (mg/kg)
4/14/99	B6	0.5-1.0	28
4/14/99	B6	4.5-5.0	9.1
4/14/99	B7	0.0-0.5	130
4/14/99	B7	4.5-5.0	48
4/14/99	B8	0.0-0.5	20
4/14/99	B8	4.5-5.0	6.1
4/14/99	B9	0.0-0.5	9.2
4/14/99	B9	3.5-4.0	4.4
4/14/99	B10	0.0-0.5	1700
4/14/99	B10	4.0-4.5	3.9
4/14/99	B11	0.0-0.5	2.6
4/14/99	B11	4.5-5.0	5
6/7/00	CS-1-SWN	0.5	7.6
6/7/00	CS-2-SWE	0.5	96
6/7/00	CS-3-SWS	0.5	2.2
6/7/00	CS-4-SWW	0.5	11
6/7/00	CS-5-BW	1.0-1.5	7.6
6/7/00	CS-6-BE	1.0-1.5	110

Notes:

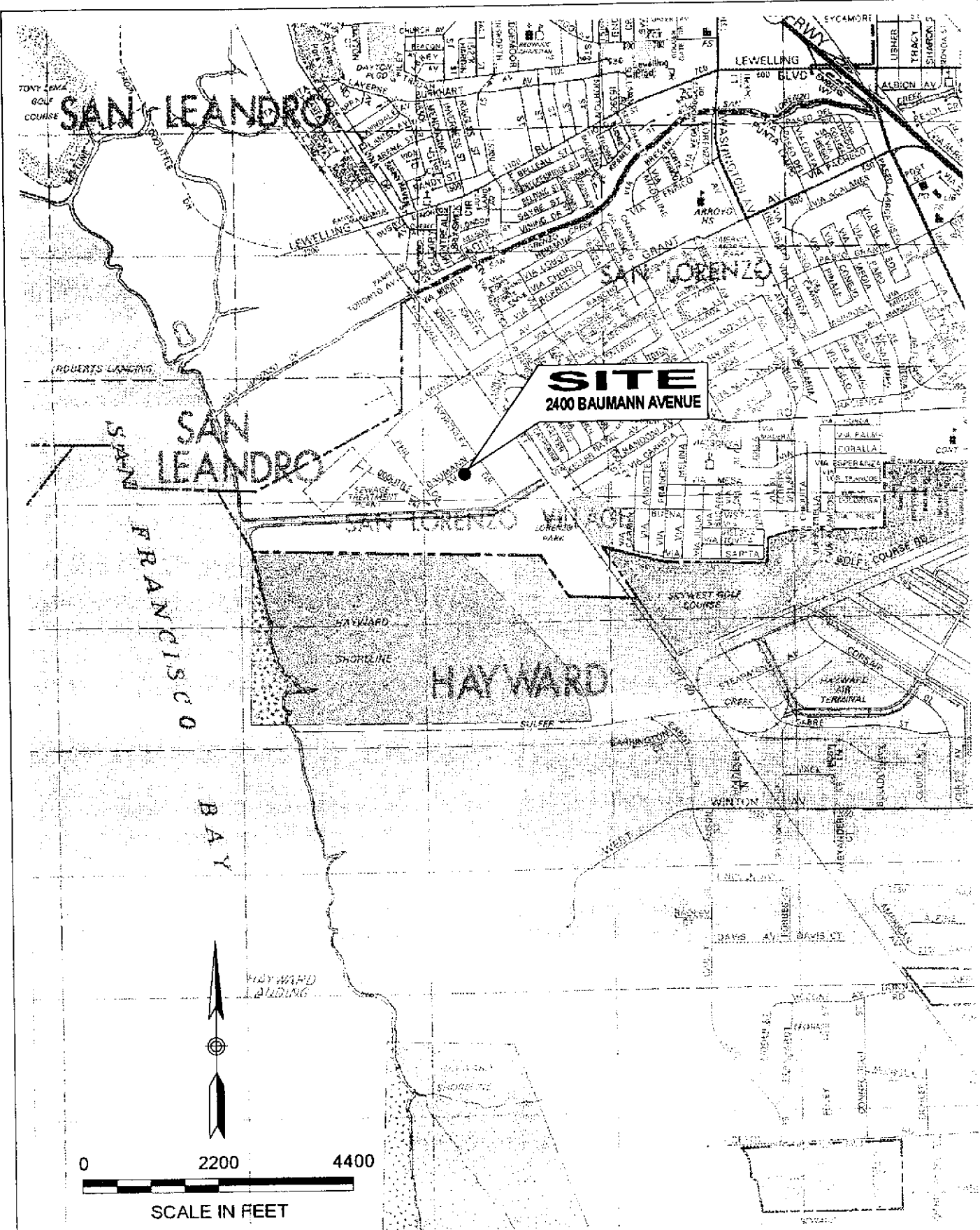
All concentrations reported in milligrams per kilogram (mg/kg).

Lead analyzed by EPA Method 7421.

1-SWN = ID refers to sidewall sample.

5-BW = ID refers to excavation floor sample.

Sample depth (feet bgs) = Sample depth in feet below ground surface.

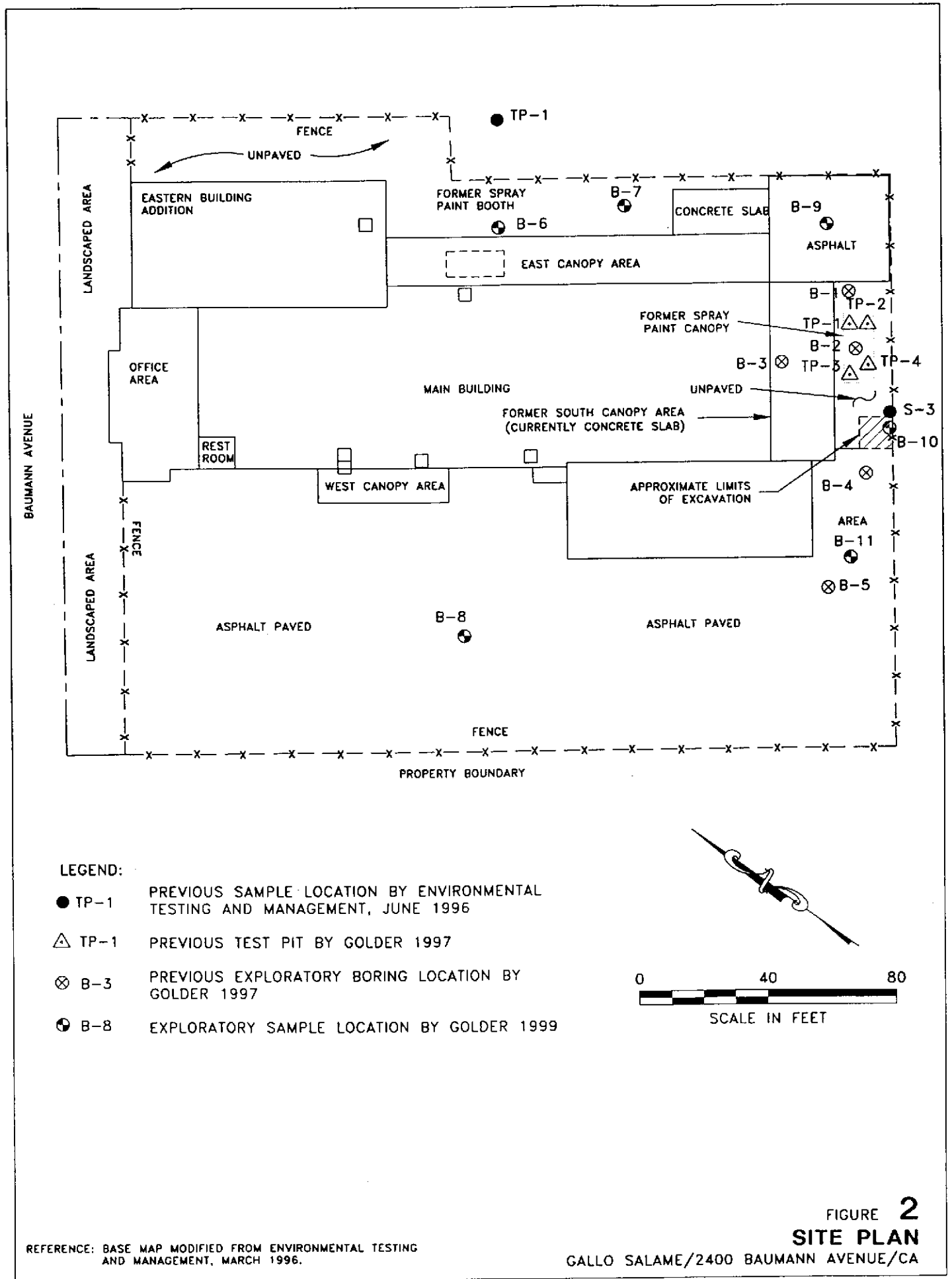


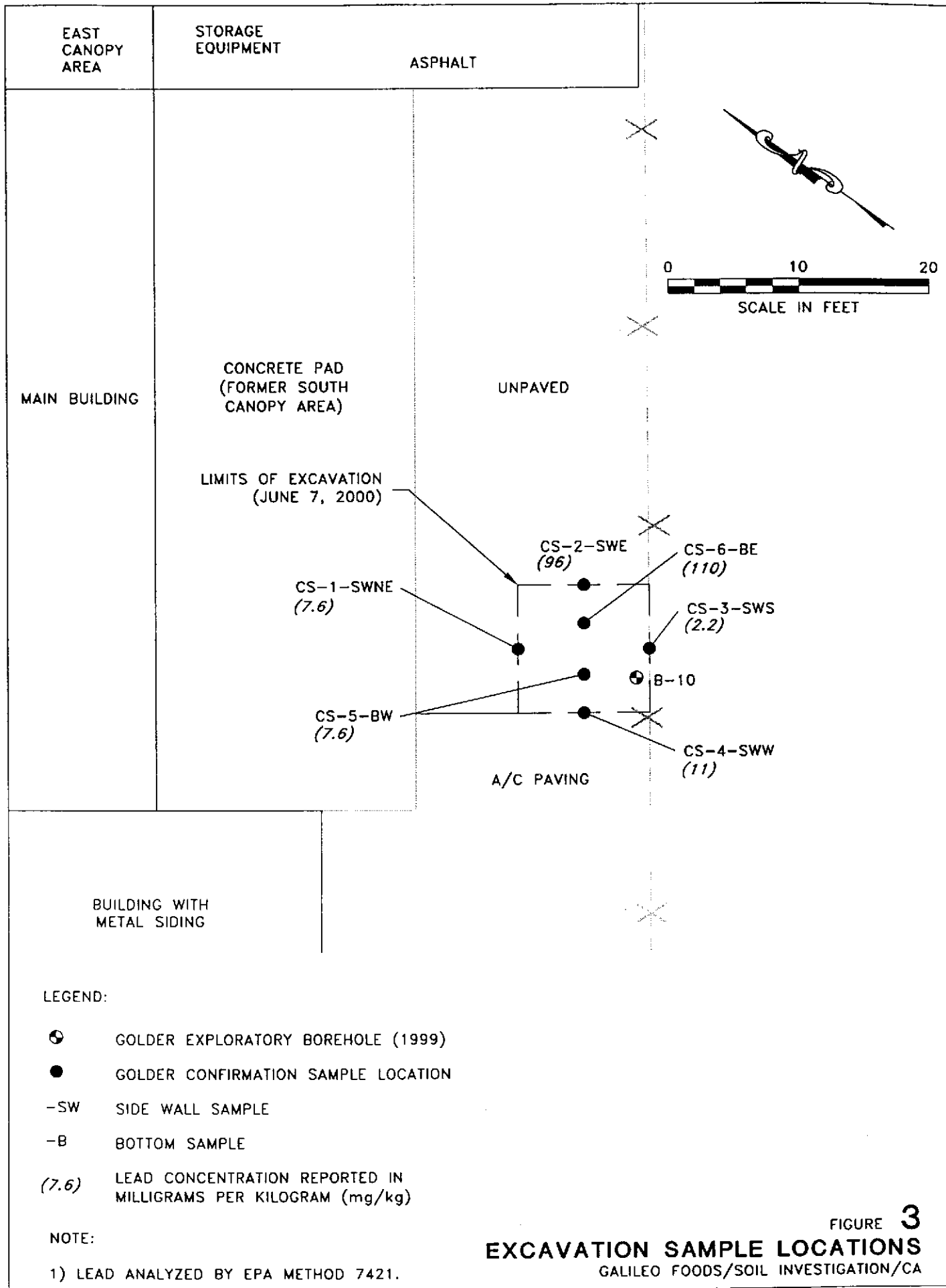
SITE
2400 BAUMANN AVENUE

REFERENCE: BASE MAP MODIFIED FROM, THE THOMAS GUIDE
ALAMEDA & CONTRA COSTA COUNTIES STREET GUIDE
& DIRECTORIES, 1990 UPDATED EDITION.

FIGURE 1
SITE LOCATION MAP
GALILEO FOODS/SOIL INVESTIGATION/CA

Golder Associates





ATTACHMENT A

Site Photographs



Photo 1: View of start of excavation area, looking southeast.



Photo 2: View looking east of tri-wall containers used for disposal of excavated soil.

FIGURE **A-1**
SITE PHOTOGRAPHS
GALILEO FOODS/SOIL INVESTIGATION/CA



Photo 3: View of excavation area, looking south.



Photo 4: View of initial excavation. Note silty gravel and green clay soils.

FIGURE **A-2**
SITE PHOTOGRAPHS
GALILEO FOODS/SOIL INVESTIGATION/CA

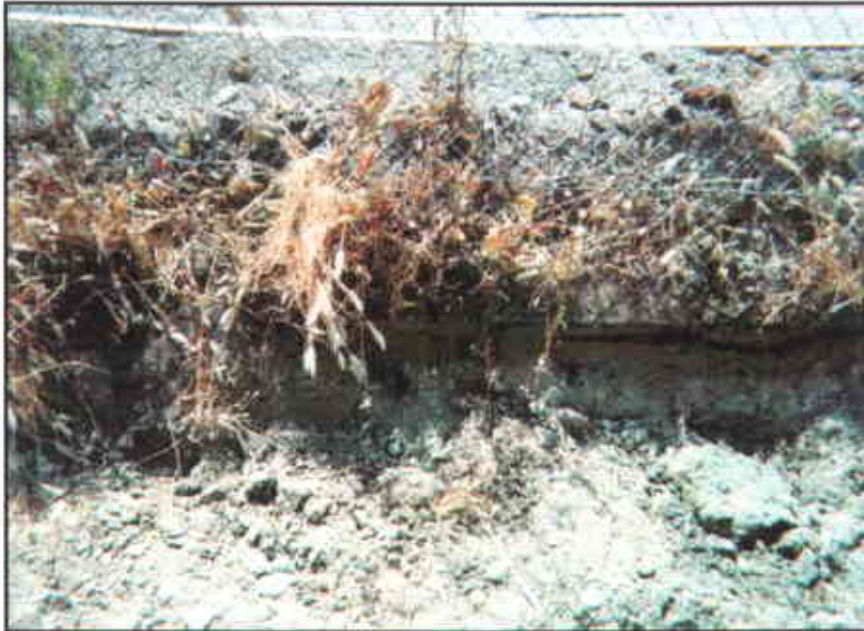


Photo57: View of side wall sample location, looking south.



Photo 6: View of completed excavation, looking west.

FIGURE **A-3**
SITE PHOTOGRAPHS
GALILEO FOODS/SOIL INVESTIGATION/CA



Photo 7: View looking southeast excavation with stake marking sample locations.

FIGURE **A-4**
SITE PHOTOGRAPHS
GALILEO FOODS/SOIL INVESTIGATION/CA

ATTACHMENT B

Waste Manifest

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL000003038102448		Manifest Document No. 2448		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address GALILEO FOODS 2411 BAYMAN AVE SAN LORENZO, CA 94560						A. State Manifest Document Number 20174834							
4. Generator's Phone (510) 584-3607						B. State Generator's ID 506							
5. Transporter 1 Company Name ONE EARTH ENVIRONMENTAL, INC.						C. State Transporter's ID (Reserved)							
6. US EPA ID Number CAR000003707						D. Transporter's Phone 831-637-8509							
7. Transporter 2 Company Name						E. State Transporter's ID (Reserved)							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address O/E ENVIRONMENTAL, INC. 3650 E. 26th ST. LOS ANGELES, CA 94801						G. State Facility's ID							
10. US EPA ID Number CAT080033681						H. Facility's Phone 323-268-1021							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) RR. HAZARDOUS WASTE SOLID, N.O.S. 9, UN 3077, PG III (LEAD)						12. Containers		13. Total Quantity		14. Unit		15. Waste Number	
						No. Type		Quantity		Wt/Val		State EPA/Other	
						005		CF		10,000		P 181 DUGG	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above (1A.) FAL-1 THURS PROFILE # ERG# 171						K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CONTACT ONE EARTH ENVIRONMENTAL, INC. / RUBEN CHAVEZ 831-637-8509						16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name NORMAN ROBERT				Signature <i>[Signature]</i>		Month 07		Day 11		Year 80E			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name EMILIO FLORES				Signature <i>[Signature]</i>		Month 07		Day 18		Year 0E			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month		Day		Year			
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Printed/Typed Name				Signature		Month		Day		Year			

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

DO NOT WRITE BELOW THIS LINE.

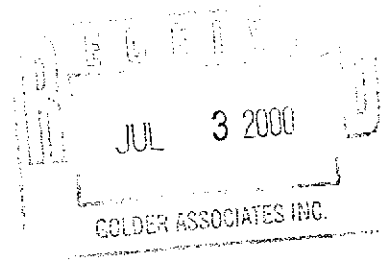
ATTACHMENT C
Laboratory Chemical Analyses Report



Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

29 June, 2000



Kent Reynolds
Golder Associates
180 Grand Avenue Suite 250
Oakland, CA 94612

RE: 2400 Baumann Ave.
Sequoia Report: W006198

Enclosed are the results of analyses for samples received by the laboratory on 08-Jun-00 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Julianne Fegley
Project Manager

CA ELAP Certificate #1271



Golder Associates
180 Grand Avenue Suite 250
Oakland CA, 94612

Project: 2400 Baumann Ave.
Project Number: P00-7282
Project Manager: Kent Reynolds

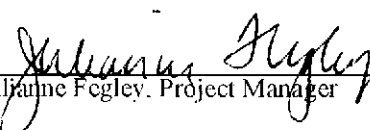
Reported:
29-Jun-00 17:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-1-SWN	W006198-01	Soil	07-Jun-00 11:00	08-Jun-00 15:20
CS-2-SWE	W006198-02	Soil	07-Jun-00 11:10	08-Jun-00 15:20
CS-3-SWS	W006198-03	Soil	07-Jun-00 11:15	08-Jun-00 15:20
CS-4-SWW	W006198-04	Soil	07-Jun-00 11:20	08-Jun-00 15:20
CS-5-BW	W006198-05	Soil	07-Jun-00 11:25	08-Jun-00 15:20
CS-6-BE	W006198-06	Soil	07-Jun-00 11:30	08-Jun-00 15:20

Sequoia Analytical - Walnut Creek

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Julianne Fegley, Project Manager



Golder Associates
180 Grand Avenue Suite 250
Oakland CA, 94612

Project: 2400 Baumann Ave.
Project Number: P00-7282
Project Manager: Kent Reynolds

Reported:
29-Jun-00 17:44

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-1-SWN (W006198-01) Soil Sampled: 07-Jun-00 11:00 Received: 08-Jun-00 15:20									
Lead	7.6	1.5	mg/kg	6	0F27017	27-Jun-00	29-Jun-00	EPA 7421	
CS-2-SWE (W006198-02) Soil Sampled: 07-Jun-00 11:10 Received: 08-Jun-00 15:20									
Lead	96	25	mg/kg	100	0F27017	27-Jun-00	29-Jun-00	EPA 7421	
CS-3-SWS (W006198-03) Soil Sampled: 07-Jun-00 11:15 Received: 08-Jun-00 15:20									
Lead	2.2	0.50	mg/kg	2	0F27017	27-Jun-00	29-Jun-00	EPA 7421	
CS-4-SWW (W006198-04) Soil Sampled: 07-Jun-00 11:20 Received: 08-Jun-00 15:20									
Lead	11	2.5	mg/kg	10	0F27017	27-Jun-00	29-Jun-00	EPA 7421	
CS-5-BW (W006198-05) Soil Sampled: 07-Jun-00 11:25 Received: 08-Jun-00 15:20									
Lead	7.6	1.5	mg/kg	6	0F27017	27-Jun-00	29-Jun-00	EPA 7421	
CS-6-BE (W006198-06) Soil Sampled: 07-Jun-00 11:30 Received: 08-Jun-00 15:20									
Lead	110	25	mg/kg	100	0F27017	27-Jun-00	29-Jun-00	EPA 7421	



Golder Associates
180 Grand Avenue Suite 250
Oakland CA, 94612

Project: 2400 Baumann Ave.
Project Number: P00-7282
Project Manager: Kent Reynolds

Reported:
29-Jun-00 17:44

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0F27017 - EPA 3050B										
Blank (0F27017-BLK1)				Prepared: 27-Jun-00 Analyzed: 29-Jun-00						
Lead	ND	0.25	mg/kg							
LCS (0F27017-BS1)				Prepared: 27-Jun-00 Analyzed: 29-Jun-00						
Lead	49.0	13	mg/kg	50.0		98.0	80-120			
LCS Dup (0F27017-BSD1)				Prepared: 27-Jun-00 Analyzed: 29-Jun-00						
Lead	46.7	13	mg/kg	50.0		93.4	80-120	4.81	20	
Matrix Spike (0F27017-MS1)				Source: W006198-01		Prepared: 27-Jun-00 Analyzed: 29-Jun-00				
Lead	54.0	13	mg/kg	50.0	ND	92.8	75-125			
Matrix Spike Dup (0F27017-MSD1)				Source: W006198-01		Prepared: 27-Jun-00 Analyzed: 29-Jun-00				
Lead	52.5	13	mg/kg	50.0	ND	89.8	75-125	2.82	20	



Golder Associates
180 Grand Avenue Suite 250
Oakland CA, 94612

Project: 2400 Baumann Ave.
Project Number: P00-7282
Project Manager: Kent Reynolds

Reported:
29-Jun-00 17:44

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



SEQUOIA ANALYTICAL CHAIN OF CUSTODY

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: <u>GOLDER ASSOCIATES</u>		Project Name: <u>2400 BAUMANN AVE</u> ^{GALILEO / SAN LORENZO}	
Mailing Address: <u>180 GRAND AVENUE, STE 250</u>		Billing Address (if different):	
City: <u>OAKLAND</u>	State: <u>CA</u>	Zip Code: <u>94612</u>	<u>WOODG198</u>
Telephone: <u>(510) 239-9000</u>		FAX #: <u>-9010</u>	P.O. #: <u>P00-7282</u>
Report To: <u>KENT REYNOLDS</u>	Sampler: <u>ARIEL LEVY</u>	QC Data: <input checked="" type="checkbox"/> Level D (Standard) <input type="checkbox"/> Level C <input type="checkbox"/> Level B <input type="checkbox"/> Level A	

Turnaround 10 Working Days 3 Working Days 2 - 8 Hours
 Time: 7 Working Days 2 Working Days
STANDARD 5 Working Days 24 Hours

Drinking Water Waste Water Other
 Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	7421 (lead)										Comments				
1. CS-1-SWN	6/7/00/11:00	soil	1	Box Stew	01A															
2. CS-2-SWE	11:10				02															
3. CS-3-SWS	11:15				03															
4. CS-4-SWW	11:20				04															
5. CS-5-BW	11:25				05															
6. CS-C-BE	11:30				06															
7.																				
8.																				
9.																				
10.																				

Relinquished By: <u>[Signature]</u>	Date: <u>6-8-00</u>	Time: <u>12:45</u>	Received By: <u>[Signature]</u>	Date: <u>6-8-00</u>	Time: <u>12:45</u>
Relinquished By: <u>[Signature]</u>	Date: <u>6-8-00</u>	Time: <u>15:20</u>	Received By: <u>[Signature]</u>	Date: <u>6/8/00</u>	Time: <u>15:20</u>
Relinquished By: _____	Date: _____	Time: _____	Received By Lab: <u>Ronald Jensen WC</u>	Date: <u>6/8/00</u>	Time: <u>15:20</u>

Pink - Client
 Yellow - Seminia
 White - Seminia