

SUSAN HUGO
ENVIRONMENTAL
PROTECTION AGENCY
00 MAY 15 AM 9:41



May 10, 2000

Ms. Susan Hugo
Alameda County
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: 6121 Hollis Street
Emeryville, California

Dear Susan:

Enclosed for your review is SOMA's "Interim Report on the Delineation of the Extent of PCBs Contamination and Workplan for Further Investigation" for the above subject site. Upon your review and approval of the proposed additional investigation, SOMA will conduct the field work and prepare a final investigation report.

If you have any questions or comments, please call me at (925) 244-6600.

Sincerely,


Mansour Sepehr, Ph.D., P.E.
Principal

MS/jb

Enclosure

cc: Mr. Gordon Taylor w/enclosure
CBS Corporation

Mr. Rich Robbins w/enclosure
Wareham Property Group



ENVIRONMENTAL ENGINEERING, INC.

2680 Bishop Drive, Suite 203, San Ramon, CA 94583

TEL (925) 244-6600 • FAX (925) 244-6601

May 10, 2000

**Interim Report on the Delineation of the Extent of PCBs
Contamination and Workplan for Further investigation at the
Heritage Square Property Located at
6121 Hollis Street, Emeryville, California**

INTRODUCTION

This document has been prepared by SOMA Environmental Engineering, Inc. (SOMA) on behalf of CBS Corporation (CBS), successor by corporate name change to Westinghouse Electric Corporation. This report summarizes the results of the current field investigation and proposes additional investigation for further site characterization for delineation of polychlorinated biphenyls (PCB) impacted soils at the Heritage Square property, at 6121 Hollis Street, Emeryville, California (the "Property"). The Property is located immediately north of the former Westinghouse Electric Corporation's site at 5815 Peladeau Street Emeryville, California (see Figure 1). This report has been prepared based on the approved workplan dated December 23, 1999 by the Alameda County Environmental Health Services (ACEHS).

The scope of this investigation was to drill 25 shallow soil borings (up to four feet), and collect soil samples at 0.5 and 4-foot depths in order to delineate the extent of PCB-impacted soils at the Property.

Field Activities

On January 29, 2000 SOMA's field crew initiated the soil investigation activity. However, due to heavy rain only 4 soil borings were drilled and sampled. On February 6, 2000 the remaining soil borings (21 more soil borings) were drilled and sampled. The soil boring locations were based on the review of historical aerial photos from 1931 through 1981. Review of the historical aerial photos

indicated stockpiles of unidentified material and ground discoloration at the Heritage Square site during 1931 through 1950. In November 1950, ITT Grinnell Company (ITT) acquired the Heritage Square property. ITT sometimes between 1950 and 1959, paved over the soil discoloration area.

Figure-2 shows the location of the soil borings. The borings were drilled by the hollow stem auger to a total depth of 4-feet below the ground surface (bgs). Two soil samples were collected from each soil boring. One sample was collected immediately below the asphalt pavement, while the other was collected at 3.5-4 feet bgs. The drilling and sampling operation was conducted under the supervision of SOMA's Senior Field Engineer. To avoid cross contamination, the sampling tools were decontaminated after drilling and sampling of each soil boring. A total of 50 soil samples were collected during this investigation.

The soil samples were delivered to DELTA Environmental Laboratories immediately for analysis. The soil samples were analyzed for PCBs using U.S. EPA Method 8080.

Analytical Results

The results of the laboratory analyses on soil samples revealed elevated levels of PCB concentrations beneath the Property. As the analytical results indicated, the PCB concentration at 0.5-foot depth ranged between 1.2 mg/kg at SB-3 and 2,760 mg/kg at SB-14, see Table-1. The concentration of PCB at 4-foot depth ranged between non-detect (ND) at SB-3 and 1,990 mg/kg at SB-5. Appendix A shows the laboratory reports and chain of custody forms.

Figure-3 shows the PCB concentrations at 0.5-foot depth. Figure-4 shows the PCB concentrations at 4-foot depth. A three-dimensional representation of PCB concentration beneath the Property has been shown on Figure 5. As Figure 3 shows, significant concentrations of PCB at 0.5-foot depth was detected at the

northern boundary of the Property next to 62nd Street. At the western boundary of the Property next to the U.S. Post Office, elevated levels of PCB were also detected at 0.5 and 4-foot depths.

As Figure-6 shows, in general, concentration of PCB significantly decreases by depth. The PCB concentrations were detected in limited areas at a 4-foot depth. For instance, the high concentration of PCB at a 4-foot depth was only detected at three soil boring locations of SB-11, SB-5 and SB-6. The SB-11 is located toward the eastern side of the Property, while SB-5 and SB-6 are located at the western Property boundary adjacent to the U.S. Post Office site.

Recommendation For Further Investigation

Although the results of the current investigation revealed the presence of elevated levels of PCB at the property, it failed to delineate the horizontal extent of PCB contamination beneath the site. As it was discussed earlier, elevated levels of PCB were detected at 0.5-foot depth at the western edge of the Property next to the U.S. Post Office. In order to define the aerial extent of PCB contamination within the Heritage Square Parking lot, SOMA proposes to drill eighteen additional soil borings along the western and the central portion of the Property. Figure-6 shows the locations of the proposed soil borings. Like previous soil borings, the new soil borings will be drilled to a maximum 4-foot depth using a hollow-stem auger. Two soil samples will be collected at 0.5 and 3.5-4-foot intervals. The soil samples will be sent to a certified environmental laboratory for analysis using EPA Method 8082.

Based on our discussion with Ms. Susan Hugo of ACEHS, during construction of the U.S. Post Office site, soil samples have been collected and analyzed for PCBs. The results of the laboratory analyses on soil samples from the U.S. Post office are available at the ACEHS offices. After collecting the additional PCB data along the western edge of the Property, data from the U.S. Post office site

will be used to delineate the horizontal extent of PCB contamination in on-site areas.

Upon completion of the fieldwork and delineation of PCB-impacted areas, SOMA will prepare a written report and submit to the ACDEH and the RWQCB for review. The report will include a description of field activities, results of laboratory analyses, figures and tables showing the extent of PCBs impacted areas and proposed remediation procedures.

Figures



Figure 1: Site Vicinity Map

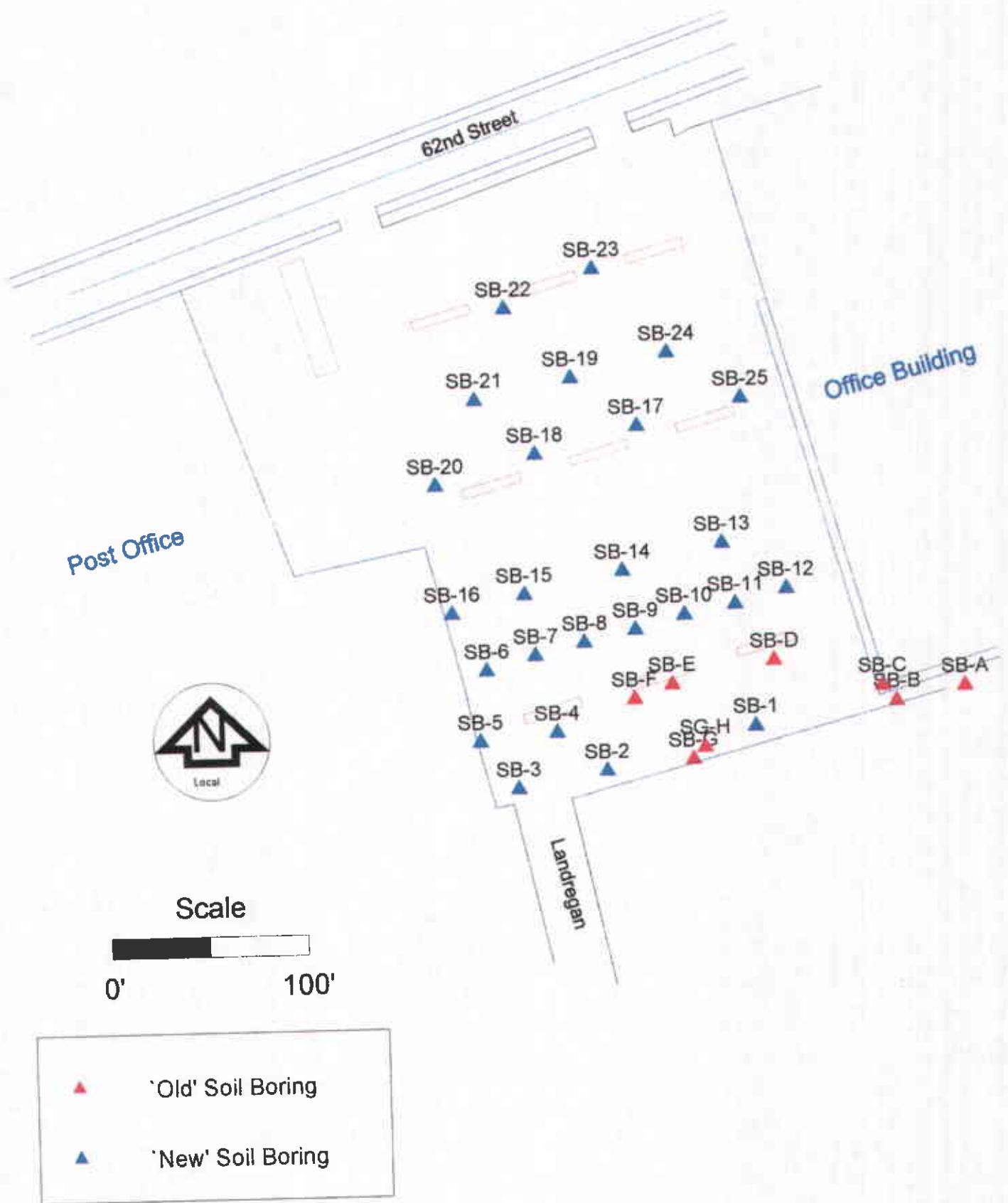


Figure 2: Soil Boring Locations

Post Office



Scale

0' 100'

- ▲ 'Old' Soil Boring
- ▲ 'New' Soil Boring

PCB Concentration
in ppm

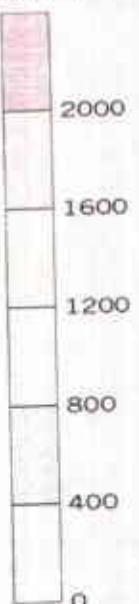


Figure 3: Contour Map of PCB Concentration at 0.5' Depth

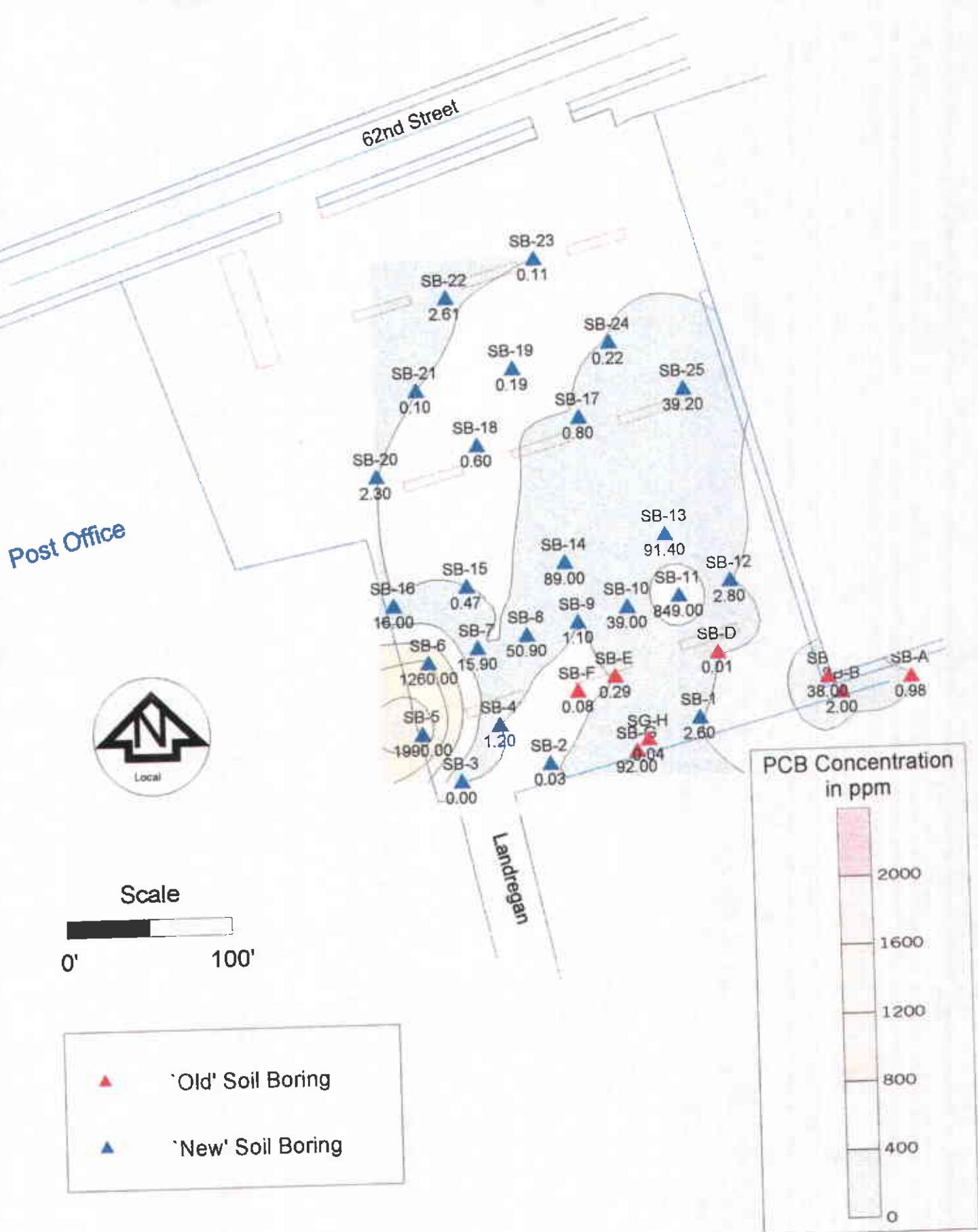


Figure 4: Contour Map of PCB Concentration in Soil at 4' Depth

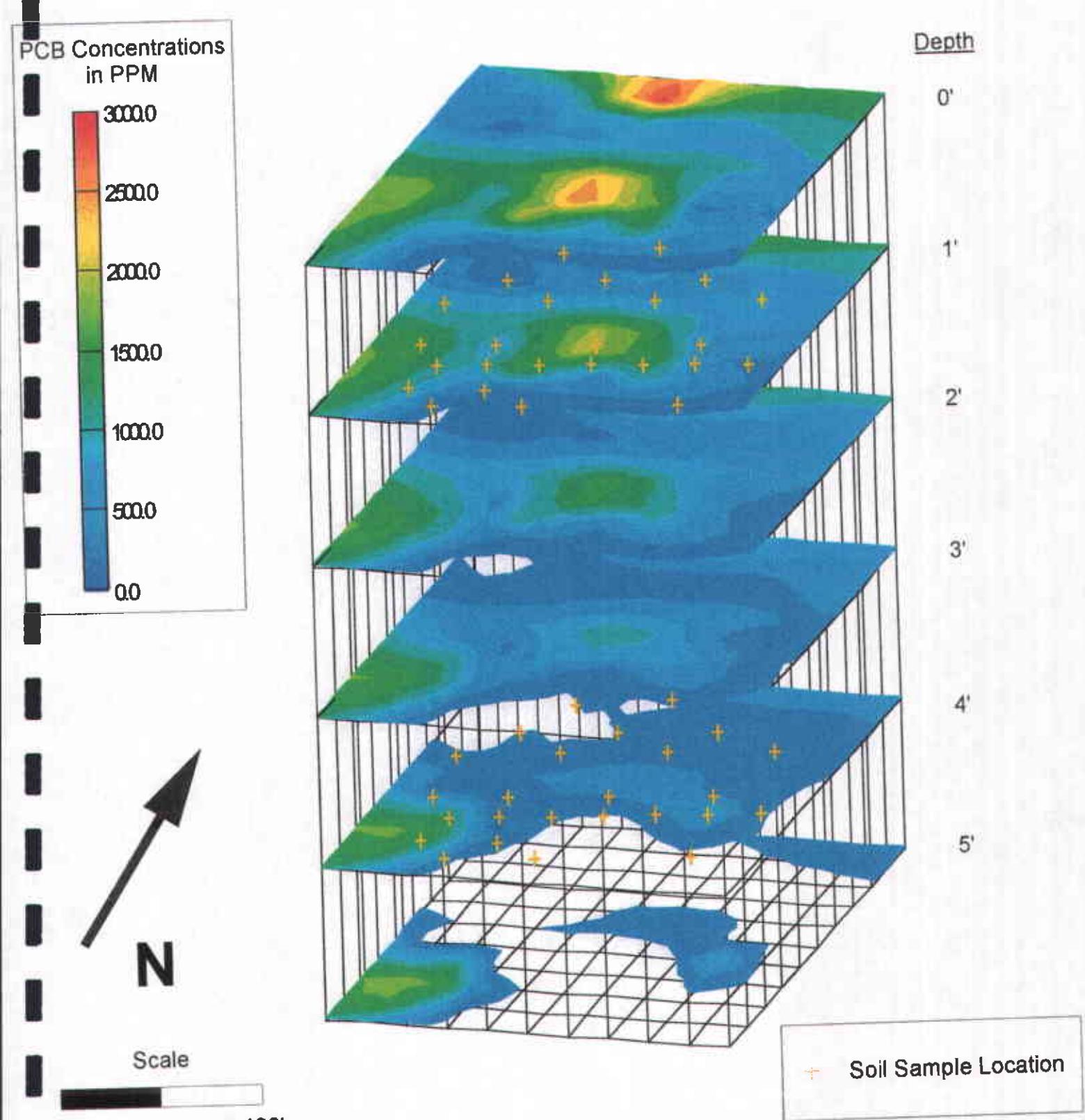


Figure 5: 3 Dimensional Model Showing PCB Concentrations

Post Office

Office Building

62nd Street

Landregan



Scale

0'

100'

- ◆ Proposed Soil Boring Location
- ▲ Previous Soil Boring Location

Figure 6: Locations of Proposed Soil Borings

**Table 1: Analytical Results on Soil Samples Collected
From Heritage Square Property**

Soil Boring	Date Collected	PCB Concentration at .5 foot depth in mg/Kg	PCB Concentration at 4 foot depth in mg/Kg
SB-1	30-Jan-00	220.00	2.60
SB-2	30-Jan-00	14.00	0.03
SB-3	30-Jan-00	1.20	0.00
SB-4	06-Feb-00	31.00	1.20
SB-5	06-Feb-00	663.00	1,990.00
SB-6	06-Feb-00	974.00	1,260.00
SB-7	06-Feb-00	661.00	15.90
SB-8	06-Feb-00	1,870.00	50.90
SB-9	06-Feb-00	22.70	1.10
SB-10	06-Feb-00	2,020.00	39.00
SB-11	06-Feb-00	1.60	849.00
SB-12	06-Feb-00	179.00	2.80
SB-13	06-Feb-00	393.00	91.40
SB-14	06-Feb-00	2,760.00	89.00
SB-15	06-Feb-00	510.00	0.47
SB-16	06-Feb-00	1,500.00	16.00
SB-17	06-Feb-00	284.00	0.80
SB-18	06-Feb-00	558.00	0.60
SB-19	06-Feb-00	67.10	0.19
SB-20	06-Feb-00	657.00	2.30
SB-21	06-Feb-00	5.21	0.10
SB-22	06-Feb-00	254.00	2.61
SB-23	06-Feb-00	2,390.00	0.11
SB-24	06-Feb-00	234.00	0.22
SB-25	06-Feb-00	491.00	39.20

APPENDIX A

LABORATORY REPORTS AND CHAIN

OF CUSTODY FORMS

Quality Control Report

Client:

Soma Environmental Eng. Inc
 2680 Bishop Dr., Suite 203
 San Ramon, CA 94583

Attention : Dr. M. Sepehr

Client Project ID:

2176

Off-site CBC
 Heritage Square

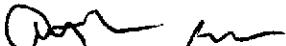
Ref.:	Q4728pcb
Method:	8080
Sampled:	2/1/00
Received:	2/1/00
Matrix:	soil
Analyzed:	2/12,15/00
Analyst	DS/LP
Reported:	2/17/00
Units:	mg/kg

Sample Spiked : SB Blank

Quality Control Report for PCB's EPA 8080/8082

Analyte	Detection Limit mg/kg	Sample Result mg/kg	Spike Added mg/kg	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
PCB 1260	0.02	ND	0.1	68	66	3.0	8080

Delta Environmental Laboratories



H.Khosh Khoo, PhD.,
 Laboratory Director/President

Qtmp800_pcbsoil

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

DELTA 

ENVIRONMENTAL LABORATORIES, Ltd

Client:
Soma Environmental Eng. Inc.
2680 Bishop Dr., Suite 203
San Ramon, CA 94583

Client Project ID:
2176
Off-site CBC
Parking Lot
Heritage Square

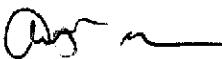
Ref: R4728pcb
Method: 8080
Sampled: 1/30/00
Received: 2/1/00
Matrix: Solid
Analyzed: 2/12-15/00
Reported: 2/17/00
Units: mg/kg

Attention: Dr. Sepehr

Analytical Results for PCBs
EPA 8080

Analyte	Detection Limit mg/kg	Results					
		Sample ID					
		SB1-0.5'	SB1-4.0'	SB2-0.5'	SB2-4.0'	SB3-0.5'	SB3-4.0'
PCBs							
PCB 1016	0.02	ND	ND	ND	ND	ND	ND
PCB 1221	0.08	ND	ND	ND	ND	ND	ND
PCB 1232	0.02	ND	ND	ND	ND	ND	ND
PCB 1242	0.02	ND	ND	ND	ND	ND	ND
PCB 1248	0.02	ND	ND	ND	ND	ND	ND
PCB 1254	0.02	ND	ND	ND	ND	ND	ND
PCB 1260	0.02	220	2.6	14	0.03	1.2	ND

ND:Not Detected(<MDL)



Hossein Khosh Khoo, Ph.D.
Laboratory Director/President

Delta Environmental Laboratories

Chain of Custody (CC Form)

Reserve by Nov. 1st

Guest Name SOMA

Access

6

Teléfono 925-2446600

Fax 925-244-6601

Sect. III (Supplementary)

76

Unearned Time Standard

Digitized by srujanika@gmail.com

Page 12 of 12

Berkeley, Ca., 94710

• 707-747-6081 • 800-747-6082 • FAX (707) 747-6082

Project Name:

Proj 2176

off-site CBC

East ID Parking lot

Fax: Heritage Square

4728

Special Instructions:

Quality Control Report**Client:**

Soma Environmental Eng. Inc
2680 Bishop Dr., Suite 203
San Ramon, CA 94583

Attention : Dr. M. Sepehr

Client Project ID:
2176
Off-site CBC

Ref.: Q4751pcb1
Method 8080
Sampled: 2/6/00
Received: 2/7/00
Matrix: soil
Analyzed: 2/12-17/00
Analyst DS/LP
Reported: 2/17/00
Units: mg/kg

Sample Spiked :Blank

Quality Control Report for PCB's
EPA 8080/8082

Analyte	Detection Limit mg/kg	Sample Result mg/kg	Spike Added mg/kg	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
PCB 1260	0.02	ND	0.10	101	99	2.0	8080

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
Laboratory Director/President

Qtmp800_pcbsoil

Quality Control Report

Client:

Soma Environmental Eng. Inc
 2680 Bishop Dr., Suite 203
 San Ramon, CA 94583

Ref.: Q4751pcb2
 Method 8080
 Sampled: 2/6/00
 Received: 2/7/00
 Matrix: soil
 Analyzed: 2/12-18/00
 Analyst DS/LP
 Reported: 2/18/00
 Units: mg/kg

Attention : Dr. M. Sepehr

Client Project ID:
 2176
 Off-site CBC

Sample Spiked :Blank

Quality Control Report for PCB's
EPA 8080/8082

Analyte	Detection Limit mg/kg	Sample Result mg/kg	Spike Added mg/kg	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
PCB 1260	0.02	ND	0.10	108	119	9.7	8080

Delta Environmental Laboratories

**H.Khosh Khoo, PhD.,
 Laboratory Director/President**

Qtmp800_pcbsoil

Quality Control Report

Client:

Soma Environmental Eng. Inc
 2680 Bishop Dr., Suite 203
 San Ramon, CA 94583

Attention : Dr. M. Sepehr

Client Project ID:

2176

Off-site CBC

Ref.: Q4751pcb3
 Method 8080
 Sampled: 2/6/00
 Received: 2/7/00
 Matrix: soil
 Analyzed: 2/12,18/00
 Analyst DS/LP
 Reported: 2/18/00
 Units: mg/kg

Sample Spiked : SB21-4.0

Quality Control Report for PCB's EPA 8080/8082

Analyte	Detection Limit mg/kg	Sample Result mg/kg	Spike Added mg/kg	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
PCB 1260	0.02	0.1	0.4	86	88	2.3	8080

Delta Environmental Laboratories

H.Khosh Khoo, PhD.,
 Laboratory Director/President

Qtmp800_pcbsoil

Client:

Soma Environmental Eng. Inc
2680 Bishop Dr., Suite 203
San Ramon, CA 94583

Client Project ID:
2176
Off-site CBC
Investigation
Emeryville, CA

Ref: R4751pcb1
Method: 8080
Sampled: 2/6/00
Received: 2/7/00
Matrix: Solid
Analyzed: 2/12-17/00
Reported: 2/17/00
Units: mg/kg

Attention: Dr. Sepehr

**Analytical Results for PCBs
EPA 8080**

Analyte	Unit mg/kg	Results						
		Analytes						
		PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
Detection Limit	mg/kg	0.02	0.08	0.02	0.02	0.02	0.02	0.02
Sample Name								
SB4-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	31.0
SB4-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	1.20
SB5-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	663
SB5-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	1990
SB6-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	974
SB6-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	1260
SB7-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	661
SB7-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	15.9
SB8-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	1870
SB8-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	50.9
SB9-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	22.7
SB9-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	1.10
SB10-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	2020
SB10-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	39.0
SB11-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	1.60
SB11-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	849
SB12-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	179
SB12-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	2.80
SB13-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	393
SB13-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	91.4
SB14-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	2760
SB14-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	89.0
SB15-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	510
SB15-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.47
SB16-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	1500
SB16-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	16.0
SB17-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	284
SB17-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.80
SB18-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	558
SB18-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.60

ND:Not Detected(<MDL)



Hossein Khosh Khoob, Ph.D.
Laboratory Director/President

Client:
 Soma Environmental Eng. Inc.
 2680 Bishop Dr., Suite 203
 San Ramon, CA 94583

Client Project ID:
 2176
 Off-site CBC
 Investigation
 Emeryville, CA

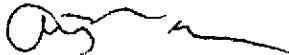
Ref: R4751pcb2
 Method: 8080
 Sampled: 2/6/00
 Received: 2/7/00
 Matrix: Solid
 Analyzed: 2/12-17/00
 Reported: 2/17/00
 Units: mg/kg

Attention: Dr. Sepehr

Analytical Results for PCBs
EPA 8080

Analyte	Unit mg/kg	Results						
		Analytes						
Detection Limit	mg/kg	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
SB19-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	67.1
SB19-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.19
SB20-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	657
SB20-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	2.30
SB21-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	5.21
SB21-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.10
SB22-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	254
SB22-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	2.61
SB23-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	2390
SB23-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.11
SB24-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	234
SB24-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	0.22
SB25-0.5'	mg/kg	ND	ND	ND	ND	ND	ND	491
SB25-4.0'	mg/kg	ND	ND	ND	ND	ND	ND	39.2

ND:Not Detected(<MDL)



Hossein Khosh Khoo, Ph.D.
 Laboratory Director/President



WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

Soma Environmental Eng., Inc.
2680 Bishop Dr., Suite 203
San Ramon, CA 94583

Client Project ID:
2176
Off-site CBC
Investigation
Emeryville, CA

ENVIRONMENTAL LABORATORIES, Ltd

Ref.: R4751pcbW
Method 8080
Sampled: 2/6/00
Received: 2/7/00
Matrix: Water
Analyzed: 2/16-17/00
Reported: 2/17/00
Units: ug/kg

Attention: Dr. Sepehr

Analytical Results for Pesticides and PCBs

Analyte	Detection Limit ug/kg	Results	
		Sample ID	
		SBG GW	
PCBs			
PCB 1016	0.50		ND
PCB 1221	0.50		ND
PCB 1232	0.50		ND
PCB 1242	0.50		ND
PCB 1248	0.50		ND
PCB 1254	0.50		ND
PCB 1260	0.50		ND

ND:Not Detected(<MDL)

Delta Environmental Laboratories
Hossein Khosh Khoo, Ph.D.

Rtmp800_pcba

Quality Control Report

Soma Environmental Eng., Inc.
 2680 Bishop Dr., Suite 203
 San Ramon, CA 94583

Client Project ID:
 2176
 Off-site CBC
 Investigation
 Emeryville, CA

Attention: Dr. Sepehr

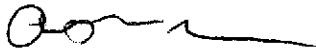
Sample Spiked: Blank

Ref.: Q4751pcbW
 Method 8080
 Sampled: 2/6/00
 Received: 2/7/00
 Matrix: Water
 Analyzed: 2/16-17/00
 Analyst DS
 Reported: 02/17/00
 Units: ug/L

Quality Control Report for PCB's
 EPA 8080/8082

Analyte	Detection Limit ug/L	Sample Result ug/L	Spike Added ug/L	% MS Recovery	% MSD Recovery	Relative % Difference RPD	Method
PCB 1260	0.5	ND	200	102	104	1.9	8080

Delta Environmental Laboratories



H.Khosh Khoo, PhD.
 Laboratory Director/President

Qtmp800_PCBw

Delta Environmental Laboratories

Chain of Custody (CCC Form)

Results to: Naser Pakrou

Client Name: BOMA

Address:

Box 9 LS 2446600

Telephone:

Fax: 925-244-6601

Sign (signature): Naser Pakrou

Turnaround Time Standard

685 Stone Road #11 & 12

Berkeley, Ca. 94710

(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Project Name:

Proj 2176
CBS-OFF-SITE

LAE ID: Investigation

Ref #: Emeryville CA

4751-15

Special Instructions:

#	Sample ID	Date	Time	Matrix	Comments
1	SB4-0.5'	2/6/00	5pm	Soil	X
2	SB4-4'				X
3	SB5-0.5'				X
4	SB5-4'				X
5	SB6-0.5'				X
6	6-4.0'				X
7	7-0.5'				X
8	7-4.0'				X
9	8-0.5'				X
10	8-4.0'				X
Received by:		Date 2/7/00	1	Have all samples received been stored on ice?	
Received By:		Date 2/7/00	2	Did any VCA samples received have any head space?	
Received by:		Date	3	Were samples in appropriate containers and packaged properly?	

Delta Environmental Laboratories

Chain of Custody (CCC) Form

Results to:		
Client Name	SOMA	
Address		
City		
Telephone	Fax:	
SAMMER (signature)		
Turnaround Time		

625 Stone Road #11 & 12

Berkeley, Ca. 94710

(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Project Name _____

LAB ID _____

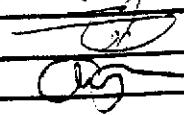
Ref # _____

4751
2/5

Analysis Requested

No. of containers
1
Temperature
PCBs

Special Instructions:

#	Sample ID	Date	Time	Matrix	Comments
11	SB9 - 0.5'	2/6/00		Soil	X
12	9 - 4.0'				X
13	10 - 0.5'				X
14	10 - 4.0'				X
15	11 - 0.5'				X
16	11 - 4.0'				X
17	12 - 0.5'				X
18	12 - 4.0'				X
19	13 - 0.5'				X
20	13 - 4.0'				X
Received by: 		Date		1)	Have all samples received been stored on ice?
Received by: 		Date	2/7/00	2)	Did any VCA samples received have any head space?
Received by: 		Date		3)	Were samples in appropriate containers and packaged properly?

Delta Environmental Laboratories

Chain of Custody (CCG Form)

Results to:			
Client Name			
Address			
City			
Telephone	Fax: <i>[Signature]</i>		
SAMPLEER (signature)			
Turnaround Time			

685 Stone Road #11 & 12

Berkeley, Ca. 94610

(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Project Name _____

LAB ID _____

Ref # _____

Analysis Requested

No. of contaminants
in
sample

PCBs

4751 **(3/5)**

Special Instructions:

#	Sample ID	Date	Time	Matrix	Comments
21	SB 14 - 0.5'	2/6/09		Soil	X
22	14 - 4.0'				X
23	15 - 0.5'				X
24	15 - 4.0'				X
25	16 - 0.5'				X
26	16 - 4.0'				X
27	17 - 0.5'				X
28	17 - 4.0'				X
29	18 - 0.5'				X
30	18 - 4.0'				X
				1) Have all samples received been stored on ice?	_____
				2) Did any VCA samples received have any head space?	_____
				3) Were samples in appropriate containers and packaged properly?	_____
				4) Were samples received in good condition?	_____
Relinquished by: <i>[Signature]</i>		Date	1)	Have all samples received been stored on ice?	_____
Received By: <i>[Signature]</i>		Date 2/7/09	2)	Did any VCA samples received have any head space?	_____
Relinquished by: <i>[Signature]</i>		Date	3)	Were samples in appropriate containers and packaged properly?	_____
		Date	4)	Were samples received in good condition?	_____

Delta Environmental Laboratories

Chain of Custody (COC Form)

Results to:	
Client Name:	
Address:	
City:	
Telephone:	Fax:
SAMPLE (signature):	<i>[Signature]</i>
Turnaround Time:	

625 Stone Road #11 & 12

Berkeley, Ca. 94510

(707) 747-6081, 800-747-6082 FAX (707) 747-6082

Project Name:

Analysis Requested											
No. of containers											
	1	2	3	4	5	6	7	8	9	10	11
1	PCB's										

LAB ID:

Ref #:

475
475

Special Instructions:

#	Sample ID	Date	Time	Matrix	Comments
31	SB 19 - 0.5'	2/6/00	5:00	X	
32	19 - 4.0'			X	
33	20 - 0.5'			X	
34	20 - 4.0'			X	
35	21 - 0.5'			X	
36	21 - 4.0'			X	
37	22 - 0.5'			X	
38	22 - 4.0'			X	
39	23 - 0.5'			X	
40	23 - 4.0'			X	
<i>[Handwritten Signature]</i>					
Received by:		Date		11	Have all samples received been stored on ice?
Received by:	<i>[Signature]</i>	Date	2/7/00	23	Did any VCA samples received have any head space?
Received by:	<i>[Signature]</i>	Date		31	Were samples in appropriate containers and packaged properly?

Delta Environmental Laboratories

Chain of Custody (CC Form)

222 Stone Road #11 & 12

Partie C: SAE10

• 800-747-6081, 800-747-6082 FAX 800-747-6082

Emigrant Names

Results to:	Sam A	
Client Name		
Address		
City		
Telephone		Fax
Same as (signature)		
Turnaround Time	5 days	

Analysis Encuestas

140

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55

Special Instructions:

#	Sample ID	Date	Time	Matrix					Comments
41	SB 24-0.5	7/6/00		Soil	X				
42	24-4.0				X				
43	25-0.5				X				
44	25-4.0				X				
45	SB & GW			W	X				
46	Unknown	7/6/00		Soil					Hold - Take to H.R.

REFERENCES AND

-1023

11

Have all samples received been stored on ice?

Family Eye

Date 2/7/00

2

Did any VCA samples received have any head space?

RECEIVED BY

1073

2

Were samples in appropriate containers and packaged properly?