

BLYMYER & SONS ENGINEERS, INC.
 1829 Clement Street
 ALAMEDA, CALIFORNIA 94501

LETTER OF TRANSMITTAL

(415) 521-3773

*399
for UGTANKS*

TO Alameda County
 Div. of Environmental Health
 470-27th St. #324
 Oakland, CA 94612

DATE	2/17/87	JOB NO.	8648
ATTENTION	Mr. T.M. Gerow		
RE	P.I.E. - Emeryville, CA		

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order Test Results

COPIES	DATE	NO.	DESCRIPTION
1	1/30/87	E87-01-337	Lab Test from Brown & Caldwell
1	1/13/87	20-8124	Lab Results from Sequoia Analytical Laboratory

RECEIVED
 FEB 18 1987

THESE ARE TRANSMITTED as checked below:

**ENVIRONMENTAL HEALTH
 ADMINISTRATION**

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 For review and comment _____
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____
 SIGNED: Chris Falbo/crm

If enclosures are not as noted, kindly notify us at once

John
 Stop
 copy
 OK 1/2, 12

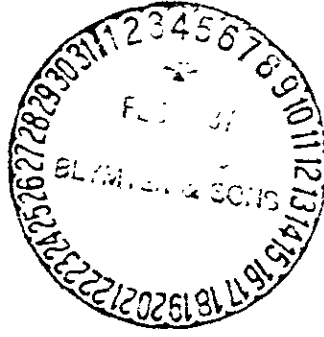
one copy
 to each

8648

BROWN AND CALDWELL



ANALYTICAL LABORATORIES



LOG NO: E87-01-337

Received: 20 JAN 87

Reported: 30 JAN 87

Mr. Greg Hoehn
 Groundwater Technology
 4080 Pike Lane, Suite D
 Concord, California 94520

Purchase Order: 938

Project: 20-8124

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
01-337-1	Pile 2 Composite	19 JAN 87
01-337-2	Pile 3 Composite	19 JAN 87
01-337-3	Pile 4 Composite	19 JAN 87
01-337-4	Pile 5 Composite	19 JAN 87
01-337-5	Pile 6 Composite	19 JAN 87
PARAMETER	<div style="display: flex; justify-content: space-around;"> <i>pile 2</i> <i>pile 3</i> <i>pile 4</i> <i>pile 5</i> <i>pile 6</i> </div>	
	01-337-1 01-337-2 01-337-3 01-337-4 01-337-5	
Diesel Fingerprint, mg/kg	17 300 <10 <10 <10	



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REPORT OF ANALYTICAL RESULTS

Page 2

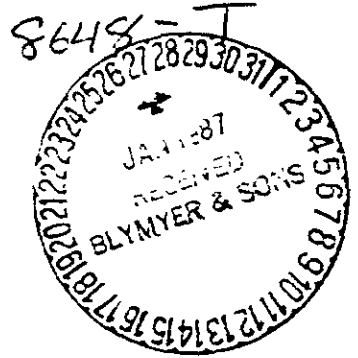
LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED	
01-337-6	Pile 7 Composite		19 JAN 87
01-337-7	Pile 8 Composite		19 JAN 87
PARAMETER		01-337-6	01-337-7
Diesel Fingerprint, mg/kg		<10	<10

D. A. McLean, Laboratory Director



SEQUOIA Analytical Laboratory

2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222



Groundwater Technology Laboratory
4080 Pikelane, Suite D
Concord, CA 94520
Attn: Greg Hoehn

Date Sampled: 12/18/86
Date Received: 12/18/86
Date Extracted: 12/19/86
Date Reported: 01/13/87
Project #20-8124

Sample Number

6121164

Sample Description
Blymyer/Emeryville,
Pile 1, Soil Sample

PRIORITY POLLUTANTS

PESTICIDE AND PCB COMPOUNDS
results in ppb

Aldrin.....	<	10	Endrin.....	<	10
α-BHC.....	<	10	Endrin Aldehyde.....	<	10
β-BHC.....	<	10	Heptachlor.....	<	10
δ-BHC.....	<	10	Heptachlor Epoxide.....	<	10
γ-BHC.....	<	10	Toxaphene.....	<	10
Chlordane.....	<	10	PCB-1016.....	<	10
4,4'-DDD.....	<	10	PCB-1221.....	<	10
4,4'-DDE.....	<	10	PCB-1232.....	<	10
4,4'-DDT.....	<	10	PCB-1242.....	<	10
Dieldrin.....	<	10	PCB-1248.....	<	10
Endosulfan I.....	<	10	PCB-1254.....	<	10
Endosulfan II.....	<	10	PCB-1260.....	<	10
Endosulfan Sulfate.....	<	10			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

NOTE: Method 8060 of the EPA was used for this analysis.

sls



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Attn: Greg Hoehn

Date Sampled: 12/18/86
Date Received: 12/18/86
Date Reported: 01/13/87
Project #20-8124

Sample Number

6121164

Sample Description

Blymer/Emeryville,
Pile 1, Soil Sample

PRIORITY METALS

results in mg/kg-wet wt.

Antimony.....	12
Arsenic.....	10
Beryllium.....	< 0.2
Cadmium.....	1.3
Chromium.....	50
Copper.....	220
Lead.....	310
Mercury.....	0.30
Nickel.....	49
Selenium.....	1.4
Silver.....	1.4
Thallium.....	5.0
Zinc.....	350

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Date Reported: 01/13/87
Project #20-8124

Sample Number

6121165

Sample Description

Blymyer/Emeryville,
Pile 2, Soil Sample

PRIORITY POLLUTANTS

PESTICIDE AND PCB COMPOUNDS

results in ppb

Aldrin.....	<	10	Endrin.....	<	10
α-BHC.....	<	10	Endrin Aldehyde.....	<	10
β-BHC.....	<	10	Heptachlor.....	<	10
δ-BHC.....	<	10	Heptachlor Epoxide.....	<	10
γ-BHC.....	<	10	Toxaphene.....	<	10
Chlordane.....	<	10	PCB-1016.....	<	10
4,4'-DDD.....	<	10	PCB-1221.....	<	10
4,4'-DDE.....	<	10	PCB-1232.....	<	10
4,4'-DDT.....	<	10	PCB-1242.....	<	10
Dieldrin.....	<	10	PCB-1248.....	<	10
Endosulfan I.....	<	10	PCB-1254.....	<	10
Endosulfan II.....	<	10	PCB-1260.....	<	10
Endosulfan Sulfate.....	<	10			

SEQUOIA ANALYTICAL LABORATORY

NOTE: Method 8080 of the EPA was used for this analysis.

Arthur G. Burton
Laboratory Director

sls



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Project #20-8124

Sample Number

6121165

Sample Description

Blymyer/Emeryville,
Pile 2, Soil Sample

PRIORITY METALS

results in mg/kg-wet wt.

Antimony.....	12
Arsenic.....	65
Beryllium.....	< 0.2
Cadmium.....	1.2
Chromium.....	37
Copper.....	340
Lead.....	170
Mercury.....	0.06
Nickel.....	33
Selenium.....	1.7
Silver.....	1.4
Thallium.....	7.0
Zinc.....	240

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Date Sampled: 12/18/86
Date Received: 12/18/86
Date Extracted: 12/19/86
Date Reported: 01/13/87
Project #20-8124

Sample Number

6121166

Sample Description

Blymyer/Emeryville,
Pile 7, Soil Sample

PRIORITY POLLUTANTS

PESTICIDE AND PCB COMPOUNDS
results in ppb

Aldrin.....	<	10	Endrin.....	<	10
α-BHC.....	<	10	Endrin Aldehyde.....	<	10
β-BHC.....	<	10	Heptachlor.....	<	10
δ-BHC.....	<	10	Heptachlor Epoxide.....	<	10
γ-BHC.....	<	10	Toxaphene.....	<	10
Chlordane.....	<	10	PCB-1016.....	<	10
4,4'-DDD.....	<	10	PCB-1221.....	<	10
4,4'-DDE.....	<	10	PCB-1232.....	<	10
4,4'-DDT.....	<	10	PCB-1242.....	<	10
Dieldrin.....	<	10	PCB-1248.....	<	10
Endosulfan I.....	<	10	PCB-1254.....	<	10
Endosulfan II.....	<	10	PCB-1260.....	<	10
Endosulfan Sulfate.....	<	10			

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Project #20-8124

Sample Number

6121166

Sample Description

Blymyer/Emeryville,
Pile 7, Soil Sample

PRIORITY METALS

results in mg/kg-wet wt.

Antimony.....	16
Arsenic.....	9.2
Beryllium.....	0.2
Cadmium.....	1.5
Chromium.....	33
Copper.....	74
Lead.....	320
Mercury.....	0.08
Nickel.....	37
Selenium.....	0.92
Silver.....	1.2
Thallium.....	8.0
Zinc.....	730

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director