

ALL ENVIRONMENTAL, INC.
3364 Mt. Diablo Boulevard
Lafayette, California 94549
(510) 283-6000
(510) 283-6121 FAX

FAX TRANSMITTAL SHEET

TO: Madhulla Logan

FAX NUMBER: (510) 337 9335

FROM: Jennifer Anderson

MESSAGE: Analytical results for
1353 E. 14th Street.

Date: 12/30/96 No. of Pages (Including Cover Page): 6

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553

Tele: 510-798-1620 Fax: 510-798-1622

All Environmental, Inc. 3364 Mt. Diablo Blvd. Lafayette, CA 94549	Client Project ID: # 1488; Foss			Date Sampled: 12/13/96
				Date Received: 12/13/96
	Client Contact: Jennifer Anderson			Date Extracted: 12/16/96
	Client P.O.:			Date Analyzed: 12/16/96
Volatile Halocarbons				
EPA method 801 or 8010				
Lab ID	72084	72085	72086	72087
Client ID	BH1, L3-S	BH1W	BH3W	BH4W
Matrix	S	W	W	W
Compound	Concentration			
Bromodichloromethane	ND	ND < 25	ND	ND < 10
Bromoform ^(b)	ND	ND < 25	ND	ND < 10
Bromomethane	ND	ND < 25	ND	ND < 10
Carbon Tetrachloride ^(c)	ND	ND < 25	ND	ND < 10
Chlorobenzene	ND	ND < 25	ND	ND < 10
Chloroethane	ND	ND < 25	ND	ND < 10
2-Chloroethyl Vinyl Ether ^(d)	ND	ND < 25	ND	ND < 10
Chloroform ^(e)	ND	ND < 25	4.8	ND < 10
Chloromethane	ND	ND < 25	ND	ND < 10
Dibromochloromethane	ND	ND < 25	ND	ND < 10
1,2-Dichlorobenzene	ND	ND < 25	ND	ND < 10
1,3-Dichlorobenzene	ND	ND < 25	ND	ND < 10
1,4-Dichlorobenzene	ND	ND < 25	ND	ND < 10
Dichlorodifluoromethane	ND	ND < 25	ND	ND < 10
1,1-Dichloroethane	ND	ND < 25	ND	ND < 10
1,2-Dichloroethane	ND	ND < 25	ND	ND < 10
1,1-Dichloroethene	ND	ND < 25	ND	ND < 10
cis 1,2-Dichloroethane	ND	ND < 25	ND	ND < 10
trans 1,2-Dichloroethane	ND	ND < 25	ND	ND < 10
1,2-Dichloropropane	ND	ND < 25	ND	ND < 10
cis 1,3-Dichloropropene	ND	ND < 25	ND	ND < 10
trans 1,3-Dichloropropene	ND	ND < 25	ND	ND < 10
Methylene Chloride ^(f)	ND < 15	ND < 25	ND	ND < 10
1,1,2,2-Tetrachloroethane	ND	ND < 25	ND	ND < 10
Tetrachloroethene	87	1100	22	220
1,1,1-Trichloroethane	ND	ND < 25	ND	ND < 10
1,1,2-Trichloroethane	ND	ND < 25	ND	ND < 10
Trichloroethene	ND	ND < 25	3.0	ND < 10
Trichlorofluoromethane	ND	ND < 25	ND	ND < 10
Vinyl Chloride ^(g)	ND	ND < 25	ND	ND < 10
% Recovery Surrogate	93	99	108	103
Comments			i	i

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND < 0.5ug/L; soil and sludge, ND < 5ug/kg

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethane; (e) trichloromethane; (f) dichloromethane; (g) chloroethane;

(h) a lighter than water immiscible stream is present; (i) liquid sample that contains greater than ~ 1 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Volatile Halocarbons				
EPA method 801 or 8010				
Lab ID	72080	72081	72082	72083
Client ID	BH3, L3-8	BH4, L3-8	BH3, L3-8	BH2, L3-8
Matrix	S	S	S	S
Compound	Concentration			
Bromodichloromethane	ND	ND	ND	ND
Bromoform ^(b)	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Carbon Tetrachloride ^(c)	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether ^(d)	ND	ND	ND	ND
Chloroform ^(e)	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
cis 1,2-Dichloroethene	ND	ND	ND	ND
trans 1,2-Dichloroethene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
cis 1,3-Dichloropropene	ND	ND	ND	ND
trans 1,3-Dichloropropene	ND	ND	ND	ND
Methylene Chloride ^(f)	ND < 15	ND < 15	ND < 15	ND < 15
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
Tetrachloroethene	150	8.7	20	45
1,1,1-Trichloroethane	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND
Vinyl Chloride ^(g)	ND	ND	ND	ND
% Recovery Surrogate	94	91	94	95

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.
 Reporting limit unless otherwise stated: water/TCLP extracts, ND < 0.5ug/L; soil and sludge, ND < 5ug/kg
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis
 (b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethane; (e) trichloromethane; (f) dichloromethane; (g) chloroethene;
 (h) a lighter than water immiscible phase is present; (i) liquid sample that contains greater than ~ 3 vol. % sediment.

DHS Certification No. 1644 Edward Hamilton, Lab Director

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	Client P.O:	Date Analyzed: 12/16/96

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	72088		
Client ID	BH5W		
Matrix	W		

Compound	Concentration		
Bromodichloromethane	ND		
Bromoform ^(b)	ND		
Bromomethane	ND		
Carbon Tetrachloride ^(c)	ND		
Chlorobenzene	ND		
Chloroethane	ND		
2-Chloroethyl Vinyl Ether ^(d)	ND		
Chloroform ^(e)	ND		
Chloromethane	ND		
Dibromochloromethane	ND		
1,2-Dichlorobenzene	ND		
1,3-Dichlorobenzene	ND		
1,4-Dichlorobenzene	ND		
Dichlorodifluoromethane	ND		
1,1-Dichloroethane	ND		
1,2-Dichloroethane	ND		
1,1-Dichloroethene	ND		
cis 1,2-Dichloroethene	ND		
trans 1,2-Dichloroethene	ND		
1,2-Dichloropropane	ND		
cis 1,3-Dichloropropene	ND		
trans 1,3-Dichloropropene	ND		
Methylene Chloride ^(f)	ND		
1,1,2,2-Tetrachloroethane	ND		
Tetrachloroethene	24		
1,1,1-Trichloroethane	ND		
1,1,2-Trichloroethane	ND		
Trichloroethene	0.85		
Trichlorofluoromethane	ND		
Vinyl Chloride ^(g)	ND		
% Recovery Surrogate	100		
Comments			

* Water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.
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 (b) trichloromethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethane; (e) trichloromethane; (f) dichloromethane; (g) chloroethene;
 (h) a lighter than water immiscible shown is present; (i) liquid sample that contains greater than ~ 5 vol % sediment.
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Chain of Custody

(Seal)

DATE: 12/13/96 PAGE: 1 OF: 2

T189AALE112

NET PROJECT MANAGER: Jennifer Anderson
 PROJECT NAME: F055
 PROJECT NUMBER: 1488
 SIGNATURE: [Signature]
 TOTAL # OF CONTAINERS: 23
 RECD. GOOD COND./COLD: YES

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	MATRIX	ANALYSIS REQUEST											NUMBER OF CONTAINERS		
				TFC-COMPOUNDS (EPA 8260.2015)	TRC-COMPOUNDS (EPA 8260.2015) BY EXTRA AND AFTER (EPA 8260.2015)	TRC-DESOX (EPA 8210/2050.2015)	PERCHLOROPOLYAROMATIC ESTERS AND ETHERS (EPA 8210/2050)	TOTAL ORG. & CHLORASE (EPA 8260.2015)	TOTAL LEAD, GAI (EPA 7430)	VOLATILE ORGANIC COMPOUNDS (EPA 8260)	LUFT-MERK (EPA 7190/7430 2050.2015)	STIC-CAM 17 (EPA 11710/2010)	PCB ACTIVITY CONCENTRATION (EPA 8210/2050.2015)	8010/601			
BH3, L1-3	12/13/96	905	SOL														1
BH3, L2-5		910															1
BH3, L3-8		915											X				72080
BH4, L1-3		930															1
BH4, L2-5		935															1
BH4, L3-8		940											X				72081
BH5, L1-3		915															1
BH5, L2-5		917															1
BH5, L3-8		950											X				72082
B12, L-1, 3		1000															1
B12, L-1, 5		1005											X				72083
B12, L-3, 8		1007															1
BH1, L1, 3		1105															1
BH1, L2-5		1407															1
BH1, L3-8		1810											X				72084

ANALYTICAL LAB: ADDRESS: PHONE: [] FAX: [] INSTRUCTIONS/COMMENTS:	RELINQUISHED BY: 1	RECEIVED BY:	RELINQUISHED BY: 2	RE:
	<u>[Signature]</u> Signature	<u>[Signature]</u> Signature		
	<u>Jennifer Anderson</u> Printed Name	<u>H. Ricca</u> Printed Name		
	<u>AEI</u> Company	<u>MAI</u> Company		
	Time <u>17:00</u> Date <u>12/13/96</u>	Time <u>18:00</u> Date <u>12/13/96</u>	Time	Date

