

McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tel: 510-798-1620 Fax: 510-798-1622
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QC REPORT FOR AA METALS

Date: 02/15/94

Matrix: Soil

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		
	Sample	MS	MSD		MS	MSD	RPD
Total Lead	6.9	109.0	103.0	100	102	96	5.7
Total Cadmium	0.0	105.0	102.0	100	105	102	2.9
Total Chromium	40.9	395.0	387.0	300	118	115	2.0
Total Nickel	27.5	122.0	120.0	100	95	93	1.7
Total Zinc	0.0	315.0	295.0	300	105	98	6.6
STLC Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Organic Lead	0.00	4.01	4.10	4.0	100	102	2.2

$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$

$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$

(510) 798-1820	REPORT TO: Cote	COMPANY: Cote	P.O. B.	ANALYST	TEL: 510-754-88	PROJECT NUMBER	PROJECT LOCATION: Mt. House Rd. #12	SAMPLE ID	LOCATI	RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:
								W0-1	Waste @			
								W0-Comp	W0 Stack			
								RG-1	Gasoline			
								RG-2	Gasoline			
								RG-Comp	Gasoline			

TO: MCCAMPBELL

FEB-22 '94 TUE 15:24 ID:CHROMALAB INC

FAX NO: 510-831-8798

#735 P07

CHROMALAB, INC.

Environmental Laboratory (1094)

8 DAYS TURNAROUND

Page 2

ChromaLab File # 9402178

Project Name: C/BOR

Project No: 2050

Sample I.D.: WO-COMP

Method of Analysis: EPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/kg	MDL mg/kg	Spike Recovery
2,4-DINITROTOLUENE	N.D.	0.05	-----
2,6-DINITROTOLUENE	N.D.	0.05	75% 80%
DIBETHYL PHTHALATE	N.D.	0.05	-----
4-CHLORO-PHENYL PHENYL ETHER	N.D.	0.05	-----
FLUORENE	N.D.	0.05	-----
4-NITROANILINE	N.D.	0.25	-----
4,6-DINITRO-2-METHYL PHENOL	N.D.	0.25	-----
N-NITROSODI-PHENYLAMINE	N.D.	0.05	-----
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	-----
HEXACHLOROBTENZENE	N.D.	0.05	-----
PENTACHLOROPHENOL	N.D.	0.25	87% 111%
PHENANTHRENE	N.D.	0.05	-----
ANTHRACENE	N.D.	0.05	-----
DI-N-BUTYL PHTHALATE	N.D.	0.05	-----
FLUORANTHENE	N.D.	0.05	-----
PYRENE	N.D.	0.05	105% 129%
BUTYLBENZYL PHTHALATE	N.D.	0.05	-----
2,3'-DICHLOROBTENZINE	N.D.	0.10	-----
BENZO (A) ANTHRACENE	N.D.	0.05	-----
BIS (2-ETHYLHEXYL) PHTHALATE	N.D.	0.05	-----
CHRYSENE	N.D.	0.05	-----
DI-N-OCTYL PHTHALATE	N.D.	0.05	-----
BENZO (B) FLUORANTHENE	N.D.	0.05	-----
BENZO (K) FLUORANTHENE	N.D.	0.05	-----
BENZO (A) PYRENE	N.D.	0.05	-----
INDENO (1,2,3 C,D) PYRENE	N.D.	0.05	-----
DI-BENZO (A, H) ANTHRACENE	N.D.	0.05	-----
BENZO (G, H, I) PERYLENE	N.D.	0.05	-----

ChromaLab, Inc.


Alex Tam
Analytical Chemist


Eric Tam
Lab Director

TO: MCCAMPBELL

FEB-22-'94 TUE 13:24 ID:CHROMALAB INC FAX NO:510/831-8798

#735 P06

CHROMALAB, INC.

5 DAYS TURNAROUND

Environmental Laboratory (1094)

February 21, 1994

ChromaLab File # 9402178
Submission #: 9402000178MCCAMPBELL ANALYTICAL, INC.
Actn: Ed HamiltonDate Sampled: February 8, 1994 Date Submitted: February 14, 1994
Date Extracted: February 18, 1994 Date Analyzed: February 18, 1994Project Name: C/BOR
Project No: 2050
Sample I.D.: WO-COMPMethod of analysis: EPA 8270
Matrix: Soil
Dilution Factor: None

COMPOUND NAME	Sample mg/kg	MDL mg/kg	Spike Recovery
PHENOL	N.D.	0.05	63% 82%
BIS(2-CHLOROETHYL) ETHER	N.D.	0.05	---
2-CHLOROPHENOL	N.D.	0.05	66% 89%
1,3-DICHLOROBENZENE	N.D.	0.05	---
1,4-DICHLOROBENZENE	N.D.	0.05	---
BENZYL ALCOHOL	N.D.	0.10	---
1,2-DICHLOROBENZENE	N.D.	0.05	---
2-METHYLPHENOL	N.D.	0.05	---
BIS(2-CHLOROISOPROPYL) ETHER	N.D.	0.05	---
4-METHYLPHENOL	N.D.	0.05	---
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	---
HEXACHLOROETHANE	N.D.	0.05	---
NITROBENZENE	N.D.	0.05	---
ISOPHORONE	N.D.	0.05	---
2-NITROPHENOL	N.D.	0.05	---
2,4-DIMETHYLPHENOL	N.D.	0.05	---
BENZOIC ACID	N.D.	0.25	---
BIS(2-CHLOROETHOXY) METHANE	N.D.	0.05	---
2,4-DICHLOROPHENOL	N.D.	0.05	---
1,2,4-TRICHLOROBENZENE	N.D.	0.05	95% 98%
NAPHTHALENE	N.D.	0.05	---
4-CHLOROANILINE	N.D.	0.10	---
HEXACHLOROBUTADIENE	N.D.	0.05	---
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	81% 100%
2-METHYLNAPHTHALENE	N.D.	0.05	---
HEXACHLOROXYCLOPENTADIENE	N.D.	0.05	---
2,4,6-TRICHLOROPHENOL	N.D.	0.05	---
2,4,5-TRICHLOROPHENOL	N.D.	0.05	---
2-CHLORONAPHTHALENE	N.D.	0.05	---
2-NITROANILINE	N.D.	0.25	---
DMETHYL PHTHALATE	N.D.	0.05	---
ACENAPHTHYLENE	N.D.	0.05	---
3-NITROANILINE	N.D.	0.25	---
ACENAPHTHENE	N.D.	0.05	82% 89%
2,4-DINITROPHENOL	N.D.	0.25	---
1-NITROPHENOL	N.D.	0.25	---
DIBENZOPURAN	N.D.	0.05	---

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2239 Omega Road, #1 • San Ramon, California 94583
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Federal ID #66-0140167

TO: MCCAMPBELL

FEB-22 '94 TUE 15:23 ID:CHROMALAB INC

FAX NO: 510-831-8798

#735 P25

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

Page 2

Chromalab File # 9402178

Project Name: C/BOR

Project No: 2050


Sample I.D.: WO-1

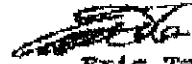
Method of Analysis: BPA 8270

Matrix: soil

COMPOUND NAME	Sample mg/kg	MDL mg/kg	Spike Recovery
2,4-DINITROTOLUENE	N.D.	0.05	-----
2,4-DINITROTOLUENE	N.D.	0.05	75% 80%
DIETHYL PHTHALATE	N.D.	0.05	-----
4-CHLORO-PHENYL PHENYL ETHER	N.D.	0.05	-----
FLUORENE	N.D.	0.05	-----
4-NITROANILINE	N.D.	0.25	-----
4,6-DINITRO-2-METHYL PHENOL	N.D.	0.25	-----
N-NITROBODIPHENYLAMINE	N.D.	0.05	-----
4-BROMOPHENYL PHENYL ETHER	N.D.	0.05	-----
HEXACHLOROBENZENE	N.D.	0.05	-----
PENTACHLOROPHENOL	N.D.	0.25	87% 111%
PHENANTHRENE	N.D.	0.05	-----
ANTHRACENE	N.D.	0.05	-----
DI-N BUTYL PHTHALATE	N.D.	0.05	-----
FLUORANTHENE	N.D.	0.05	-----
PYRENE	N.D.	0.05	106% 129%
BUTYL-BENZYL-PHTHALATE	N.D.	0.05	-----
3,3'-DICHLOROBENZIDINE	N.D.	0.10	-----
BENZO (A) ANTHRACENE	N.D.	0.05	-----
BIS (2-ETHYLHEXYL) PHTHALATE	N.D.	0.05	-----
CHRYSENE	N.D.	0.05	-----
DI-N-OCTYL-PHTHALATE	N.D.	0.05	-----
BENZO (B) FLUORANTHENE	N.D.	0.05	-----
BENZO (K) FLUORANTHENE	N.D.	0.05	-----
BENZO (A) PYRENE	N.D.	0.05	-----
INDENO (1,2,3 C, D) PYRENE	N.D.	0.05	-----
DIBENZO (A, H) ANTHRACENE	N.D.	0.05	-----
BENZO (G, H, I) PERYLENE	N.D.	0.05	-----

Chromalab, Inc.


 Alex Tam
 Analytical Chemist


 Eric Tam
 Lab Director

TO: MCCAMPBELL

FEB-22-'94 TUE 15:23 ID:CHROMLAB INC

FAX NO: 510/831-8798

#735 P24

CHROMALAB, INC.

5 DAYS TURNAROUND

Environmental Laboratory (1094)

February 21, 1994

Chromalab File # 9402178

Submission #: 9402000178

MCCAMPBELL ANALYTICAL, INC.
Attn: Ed HamiltonDate Sampled: February 8, 1994 Date Submitted: February 14, 1994
Date Extracted: February 18, 1994 Date Analyzed: February 18, 1994Project Name: C/BOR
Project No: 2050
Sample I.D.: WO-1Method of analysis: EPA 8270
Matrix: Soil
Dilution Factor: None

COMPOUND NAME	Sample mg/kg	MDL mg/kg	Spike Recovery	
			%	%
PHENOL	N.D.	0.05	63%	92%
BIS(2-CHLOROPHYL) ETHER	N.D.	0.05	---	---
2-CHLOROPHENOL	N.D.	0.05	66%	89%
1,3-DICHLOROBENZENE	N.D.	0.05	---	---
1,4-DICHLOROBENZENE	N.D.	0.05	---	---
BENZYL ALCOHOL	N.D.	0.10	---	---
1,2-DICHLOROBENZENE	N.D.	0.05	---	---
2-METHYLPHENOL	N.D.	0.05	---	---
BIS(2-CHLOROISOPROPYL) ETHER	N.D.	0.05	---	---
4-METHYLPHENOL	N.D.	0.05	---	---
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.05	---	---
HEXACHLOROETHANE	N.D.	0.05	---	---
NITROBENZENE	N.D.	0.05	---	---
ISOPHORONE	N.D.	0.05	---	---
2-NITROPHENOL	N.D.	0.05	---	---
2,4-DIMETHYLPHENOL	N.D.	0.05	---	---
BENZOIC ACID	N.D.	0.25	---	---
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.05	---	---
2,4-DICHLOROPHENOL	N.D.	0.05	---	---
1,2,4-TRICHLOROBENZENE	N.D.	0.05	95%	98%
NAPHTHALENE	N.D.	0.05	---	---
4-CHLOROANILINE	N.D.	0.10	---	---
HEXACHLOROBUTADIENE	N.D.	0.05	---	---
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	81%	100%
1-METHYLNAPHTHALENE	N.D.	0.05	---	---
HEXACHLOROCYCLOPENTADIENE	N.D.	0.05	---	---
2,4,6-TRICHLOROPHENOL	N.D.	0.05	---	---
2,4,5-TRICHLOROPHENOL	N.D.	0.05	---	---
2-CHLORONAPHTHALENE	N.D.	0.05	---	---
2-NITROANILINE	N.D.	0.25	---	---
DIMETHYL PHTHALATE	N.D.	0.05	---	---
ACENAPHTHYLENE	N.D.	0.05	---	---
3-NITROANILINE	N.D.	0.25	---	---
ACENAPHTHENE	N.D.	0.05	83%	89%
2,4-DINITROPHENOL	N.D.	0.25	---	---
4-NITROPHENOL	N.D.	0.25	---	---
DIBENZOFURAN	N.D.	0.05	---	---

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Federal ID #88 0140157

TO: MCCAMPBELL

FEB 22 '94 TUE 15:22 ID:CHROMLAB INC

FAX NO: 510 754 8798

#735 P03

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 22, 1994

ChromaLab File#: 9402170

MCCAMPBELL ANALYTICAL, INC.

Attn: Ed Hamilton

Project: C/BOR

Project#: 2050

Submitted: February 14, 1994

re: One sample for Volatile Organic Compounds analysis.

Sample: NO-COMP/34156

Matrix: SOIL

Lab #: 43640-2298 Sampled: February 8, 1994

Analyzed: February 17, 1994

Method: EPA 8240

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	25	N.D.	---
BENZENE	N.D.	25	N.D.	---
BROMODICHLOROMETHANE	N.D.	25	N.D.	---
BROMOFORM	N.D.	25	N.D.	---
BROMOMETHANE	N.D.	25	N.D.	---
2-BUTANONE	N.D.	25	N.D.	---
CARBON TETRACHLORIDE	N.D.	25	N.D.	---
CHLOROBENZENE	N.D.	25	N.D.	---
CHLOROETHANE	N.D.	25	N.D.	---
2-CHLOROETHYL VINYL ETHER	N.D.	25	N.D.	---
CHLOROFORM	N.D.	25	N.D.	---
CHLOROMETHANE	N.D.	25	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	25	N.D.	---
1,1-DICHLOROETHANE	N.D.	25	N.D.	79
1,2-DICHLOROETHANE	N.D.	25	N.D.	---
1,1-DICHLOROTHENE	N.D.	25	N.D.	---
1,2-DICHLOROTHENE (CIS)	N.D.	25	N.D.	---
1,2-DICHLOROTHENE (TRANS)	N.D.	25	N.D.	---
1,2-DICHLOROPROPANE	N.D.	25	N.D.	---
1,3-DICHLOROPROPENE (CIS)	N.D.	25	N.D.	---
1,3-DICHLOROPROPENE (TRANS)	N.D.	25	N.D.	---
ETHYL BENZENE	N.D.	25	N.D.	---
2-HEXANONE	N.D.	25	N.D.	---
METHYLENE CHLORIDE	N.D.	25	N.D.	---
4-METHYL-2-PENTANONE	N.D.	25	N.D.	---
STYRENE	N.D.	25	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	25	N.D.	85
TETRACHLOROETHENE	N.D.	25	N.D.	95
TOLUENE	N.D.	25	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	25	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	25	N.D.	---
TRICHLOROETHENE	N.D.	25	N.D.	88
TRICHLOROFLUOROMETHANE	N.D.	25	N.D.	---
VINYL ACETATE	N.D.	25	N.D.	---
VINYL CHLORIDE	N.D.	25	N.D.	---
XYLENES (TOTAL)	7.4	25	N.D.	---

ChromaLab, Inc.

David Wintergrass
ChemistEric Tam
Laboratory Director

TU: MCCAMPBELL

FEB-22 '94 TUE 15:21 ID:CHROMALAB INC

FAX NO: 510-631-8798

#735 P02

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 22, 1994

Chromalab File#: 9402178

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: C/BOR

Project#: 2050

Submitted: February 14, 1994

re: One sample for Volatile Organic Compounds analysis.

Sample: WO-1/34155


Matrix: SOIL

Lab #: 43639-2298 Sampled: February 8, 1994 Analyzed: February 17, 1994

Method: EPA 8240

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
ACETONE	N.D.	25	N.D.	---
BENZENE	N.D.	55	N.D.	---
BROMODICHLOROMETHANE	N.D.	55	N.D.	---
BROMOFORM	N.D.	55	N.D.	---
BROMOMETHANE	N.D.	55	N.D.	---
2-BUTANONE	N.D.	55	N.D.	---
CARBON TETRACHLORIDE	N.D.	55	N.D.	---
CHLOROFORM	N.D.	55	N.D.	---
CHLOROETHANE	N.D.	55	N.D.	---
2-CHLOROETHYL VINYLETHER	N.D.	55	N.D.	---
CHLOROPROPANE	N.D.	55	N.D.	---
CHLOROMETHANE	N.D.	55	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	55	N.D.	---
1,1-DICHLOROETHANE	N.D.	55	N.D.	79
1,2-DICHLOROETHANE	N.D.	55	N.D.	---
1,1-DICHLOROETHENE	N.D.	55	N.D.	---
1,2-DICHLOROETHENE (CIS)	N.D.	55	N.D.	---
1,2-DICHLOROETHENE (TRANS)	N.D.	55	N.D.	---
1,2-DICHLOROPROPANE	N.D.	55	N.D.	---
1,3-DICHLOROPROPENE (CIS)	N.D.	55	N.D.	---
1,3-DICHLOROPROPENE (TRANS)	N.D.	55	N.D.	---
ETHYL BENZENE	N.D.	55	N.D.	---
2-HEXANONE	N.D.	55	N.D.	---
METHYLENE CHLORIDE	N.D.	55	N.D.	---
4-METHYL-2-PENTANONE	N.D.	55	N.D.	---
STYRENE	N.D.	55	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	55	N.D.	85
TETRACHLOROETHENE	N.D.	55	N.D.	95
TOLUENE	N.D.	55	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	55	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	55	N.D.	88
TRICHLOROETHENE	N.D.	55	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	55	N.D.	---
VINYL ACETATE	N.D.	55	N.D.	---
VINYL CHLORIDE	N.D.	55	N.D.	---
XYLENES (TOTAL)	19	55	N.D.	---

Chromalab, Inc.


 David Wintergrass
 Chemist


 Eric Tam
 Laboratory Director

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