

STATE OF CALIFORNIA--BUSINESS, TRANSPORTATION AND HOUSING AGENCY

PETE WILSON, Governor

DEPARTMENT OF TRANSPORTATION



FACSIMILE COVER SHEET

CYPRESS CONSTRUCTION OFFICE
1121 7TH STREET, 2ND FLOOR
OAKLAND, CA 94607

DATE: 1-5-94
TO: Jennifer Eberle
City Environ.
OFFICE PHONE: 271-4530
FAX NUMBER: 510-4757

COMMENTS: GWI=
SP1....8 = STOCKPILE ANALYSIS
SW1A....4A = sidewalls
EX 1A...2A = Bottom of excav.

UPDATE: excavation has been backfilled for safety. Excavated soil has been off-hauled to Gibson Environmental.

FROM: Kathleen R Parrott
OFFICE PHONE: 286-0709

FAX NUMBER: (510) 286-0692 Calnet 541-0692

TOTAL PAGES TO FOLLOW: 5 ORIGINAL MAILED: YES NO

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 30, 1993

ChromaLab File#: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Atten: Mark Williams

Project: CT OAKLAND
Submitted: November 23, 1993

Project#: 4280-9324

re: 8 samples for Gasoline and BTEX analysis.

Matrix: SOIL

Sampled on: November 23, 1993

Analyzed on: November 24, 1993

Method: EPA 5030/8015/8020

Run#: 1630

*nr pump
↑ street*

Lab #	SAMPLE ID	Gasoline (ug/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
37744	SW-1A	45	160	500	400	2300
37745	SW-2A	23	320	620	320	1800
37746	SW-3A	N.D.	N.D.	N.D.	N.D.	N.D.
37747	SW-4A	N.D.	17	N.D.	5.3	N.D.
37748	EX-1A	N.D.	130	N.D.	N.D.	N.D.
37749	EX-2A	33	24	47	90	62
37751	SP1/SP2/SP3/SP4	480	370	5500	3900	25000
37752	SP5/SP6/SP7/SP8	2700	18000	100000	37000	200000

DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	102	90	95	93	96

ChromaLab, Inc.

Billy Thach

Billy Thach
Chemist

Eric Tam

Eric Tam
Laboratory Director

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 30, 1993

ChromaLab File # 9311277
 Submission #: 9311000277
 Attn: Mark Williams

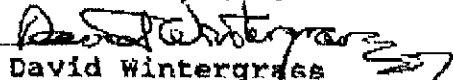
RIEDEL ENVIRONMENTAL SERVICES

Project Name: CT OAKLAND
 Date Sampled: November 23, 1993
 Date Submitted: November 23, 1993
 Date of Analysis: November 29, 1993
 Sample I.D.: SP-1,2,3,4

Project No: 4280-9324
 Method of Analysis: EPA 8240B
 Matrix: Soil
 Reporting Det Limit: 200 µg/Kg
 Dilution Factor: 1:40

Compound	µg/Kg	Spike Recovery
CHLOROMETHANE	N.D.	----
VINYL CHLORIDE	N.D.	----
BROMOETHANE	N.D.	----
CHLOROETHANE	N.D.	----
TRICHLOROFLUOROMETHANE	N.D.	----
1,1-DICHLOROETHENE	N.D.	----
METHYLENE CHLORIDE	N.D.	----
1,2-DICHLOROETHENE (TRANS)	N.D.	92% 98%
1,2-DICHLOROETHENE (CIS)	N.D.	----
1,1-DICHLOROETHANE	N.D.	----
CHLOROFORM	N.D.	----
1,1,1-TRICHLOROETHANE	N.D.	----
CARBON TETRACHLORIDE	N.D.	----
BENZENE	500	----
1,2-DICHLOROETHANE	N.D.	----
TRICHLOROETHENE	N.D.	103% 104%
1,2-DICHLOROPROPANE	N.D.	----
BROMODICHLOROMETHANE	N.D.	----
2-CHLOROETHYL VINYLETHER	N.D.	----
TRANS-1,3-DICHLOROPROPENE	N.D.	----
TOLUENE	5100	----
CIS-1,3-DICHLOROPROPENE	N.D.	----
1,1,2-TRICHLOROETHANE	N.D.	----
TETRACHLOROETHENE	N.D.	122% 109%
DIBROMOCHLOROMETHANE	N.D.	----
CHLORO BENZENE	N.D.	----
BIPHENYLENE	5300	97% 102%
BROMOFORM	N.D.	----
1,1,2,2-TETRACHLOROETHANE	N.D.	----
1,3-DICHLOROBENZENE	N.D.	----
1,4-DICHLOROBENZENE	N.D.	----
1,2-DICHLOROBENZENE	N.D.	----
BODIL HYDROGEN	24000	----
ACETONE	1500	----
METHYL ETHYL KETONE	15000	----
METHYL ISOBUTYL KETONE	13000	----

ChromaLab, Inc.


 David Wintergrass
 Analytical Chemist


 Eric Tam
 Laboratory Director

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 30, 1993

ChromaLab File # 9311277
 Submission #: 9311000277
 Attn: Mark Williams

RIEDEL ENVIRONMENTAL SERVICES

Project Name: CT OAKLAND
 Date Sampled: November 23, 1993
 Date Submitted: November 23, 1993
 Date of Analysis: November 29, 1993
 Sample I.D.: SP-5,6,7,8

Project No: 4280-9324
 Method of Analysis: EPA 8240
 Matrix: Soil
 Reporting Det Limit: 1000 µg/Kg
 Dilution Factor: 1:200

Compound	µg/Kg	Spike Recovery
CHLOROMETHANE	N.D.	----
VINYL CHLORIDE	N.D.	----
BROMOETHANE	N.D.	----
CHLOROETHANE	N.D.	----
TRICHLOROFLUOROMETHANE	N.D.	----
1,1-DICHLOROETHENE	N.D.	----
METHYLENE CHLORIDE	N.D.	----
1,2-DICHLOROETHENE (TRANS)	N.D.	92% 98%
1,2-DICHLOROETHENE (CIS)	N.D.	----
1,1-DICHLOROETHANE	N.D.	----
CHLOROFORM	N.D.	----
1,1,1-TRICHLOROETHANE	N.D.	----
CARBON TETRACHLORIDE	N.D.	----
BENZENE	10000	----
1,2-DICHLOROETHANE	N.D.	----
TRICHLOROETHENE	N.D.	103% 104%
1,2-DICHLOROPROPANE	N.D.	----
BROMODICHLOROMETHANE	N.D.	----
2-CHLOROETHYL VINYLETHER	N.D.	----
TRANS-1,3-DICHLOROPROPENE	N.D.	----
TOLUENE	110000	----
CIS-1,3-DICHLOROPROPENE	N.D.	----
1,1,2-TRICHLOROETHANE	N.D.	----
TETRACHLOROETHENE	2000	122% 109%
DIBROMOCHLOROMETHANE	N.D.	----
CHLOROBENZENE	N.D.	----
BENZOBENZENE	32000	97% 102%
BROMOFORM	N.D.	----
1,1,2,2-TETRACHLOROETHANE	N.D.	----
1,3-DICHLOROBENZENE	N.D.	----
1,4-DICHLOROBENZENE	N.D.	----
1,2-DICHLOROBENZENE	N.D.	----
BENZYL ALCOHOL	340000	----
ACETONE	4600	----
METHYL ETHYL KETONE	5000	----
METHYL ISOBUTYL KETONE	50000	----

ChromaLab, Inc.

David Wintergrass
 David Wintergrass
 Analytical Chemist

Eric Tam
 Eric Tam
 Laboratory Director

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 29, 1993

ChromaLab File No.: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Attn: Mark Williams

RE: One soil sample for Oil & Grease analysis

Project Name: CT OAKLAND

Project Number: 4280-9324

Date Sampled: Nov. 23, 1993

Date Submitted: Nov. 23, 1993

Date Analyzed: Nov. 24, 1993

RESULTS:

Sample I.D.	Oil & Grease (mg/Kg)
SW-1A	N.D.
BLANK	N.D.
DETECTION LIMIT	50
METHOD OF ANALYSIS	STD METHOD 5520 E & F

ChromaLab, Inc.

Carolyn M. House
 Carolyn M. House
 Analyst

Eric Tam
 Eric Tam
 Laboratory Director

cc

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 29, 1993

ChromaLab file number: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Attn: Mark WilliamsRE: One soil sample for Total CAM 17 Metals analyses (CA Title 22)

Project Name: CT OAKLAND

Project Number: 4280-9324

Date Sampled: November 23, 1993

Date Received: November 23, 1993

Date Analyzed: November 24, 1993

RESULTS: Sample I.D.: ~~SP1/SP2/SP3/SP4~~

Metals	Concentration (mg/Kg)	Detection Limit (mg/Kg)
Antimony (Sb)	N.D.	1.00
Arsenic (As)	0.2	0.25
Barium (Ba)	42	0.25
Beryllium (Be)	N.D.	0.05
Cadmium (Cd)	0.1	0.05
Cobalt (Co)	5.3	0.50
Chromium (Cr)	21	0.50
Copper (Cu)	20	0.25
Lead (Pb)	17	0.50
Mercury (Hg)	0.16	0.05
Molybdenum (Mo)	1.8	0.25
Nickel (Ni)	33	0.50
Selenium (Se)	N.D.	0.50
Silver (Ag)	N.D.	0.25
Thallium (Tl)	N.D.	2.00
Vanadium (V)	13	0.50
Zinc (Zn)	42	0.25

Method of Analysis: 3050/6010/7471

ChromaLab, Inc.

Charles M. Woolley
 Charles Woolley
 Analytical Chemist

Rafaat A. Mankarious
 Rafaat A. Mankarious
 Inorganic Supervisor

cc

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 29, 1993

ChromaLab file number: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Attn: Mark Williams

RE: One soil sample for Total CAM 17 Metals analyses (CA Title 22)

Project Name: CT OAKLAND

Project Number: 4280-9324

Date Sampled: November 23, 1993

Date Received: November 23, 1993

Date Analyzed: November 24, 1993

RESULTS: Sample I.D.: **SP5/SP6/SP7/SP8**

Metals	Concentration (mg/Kg)	Detection Limit (mg/Kg)
Antimony (Sb)	N.D.	1.00
Arsenic (As)	2.6 *	0.25
Barium (Ba)	46 *	0.25
Beryllium (Be)	N.D.	0.05
Cadmium (Cd)	1.8 *	0.05
Cobalt (Co)	4.5 *	0.50
Chromium (Cr)	22 *	0.50
Copper (Cu)	45 *	0.25
Lead (Pb)	25 *	0.50
Mercury (Hg)	0.28 *	0.05
Molybdenum (Mo)	2.2 *	0.25
Nickel (Ni)	18 *	0.50
Selenium (Se)	N.D.	0.50
Silver (Ag)	N.D.	0.25
Thallium (Tl)	N.D.	2.00
Vanadium (V)	5.4 *	0.50
Zinc (Zn)	62 *	0.25

Method of Analysis: 3050/6010/7471

ChromaLab, Inc.

Charles N. Woolley
 Charles Woolley
 Analytical Chemist

Refaat A. Mankarious
 Refaat A. Mankarious
 Inorganic Supervisor

cc

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 29, 1993

ChromaLab File No.: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Attn: Mark Williams

RE: One soil sample for Lead analysis

Project Name: CT OAKLAND

Project Number: 4280-9324

Date Sampled: Nov. 23, 1993

Date Submitted: Nov. 23, 1993

Date Analyzed: Nov. 24, 1993

RESULTS:

<u>Sample I.D.</u>	<u>Lead (mg/Kg)</u>
SW-1A	N.D.
BLANK	N.D.
DETECTION LIMIT	0.5
METHOD OF ANALYSIS	3050/6010

ChromaLab, Inc.

Charles Woolley
Analytical Chemist

Refaat A. Mankarious
Inorganic Supervisor

cc

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 29, 1993

ChromaLab File No.: 9311277

RIEDEL ENVIRONMENTAL SERVICES

Attn: Mark Williams

RE: One water sample for Lead analysis

Project Name: CT OAKLAND
Project Number: 4280-9324
Date Sampled: Nov. 23, 1993
Date Analyzed: Nov. 24, 1993

Date Submitted: Nov. 23, 1993

RESULTS:

Sample I.D.	Lead (mg/L)
GW-1	0.02
BLANK	N.D.
DETECTION LIMIT	.01
METHOD OF ANALYSIS	3010/6010

ChromaLab, Inc.

Charles M. Woolley
Charles Woolley
Analytical Chemist

Refaat A. Mankarious
Refaat A. Mankarious
Inorganic Supervisor

cc