

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553  
 Tele: 510-798-1620 Fax: 510-798-1622

Sequoia Environmental 1111 Aladdin Avenue, Suite B San Leandro, CA 94577	Client Project ID: Dolby	Date Sampled: 01/09/97
		Date Received: 01/09/97
	Client Contact: Chris Wabuzoh	Date Extracted: 01/10/97
	Client P.O.:	Date Analyzed: 01/10/97

**Metals**

EPA analytical methods 6010/200.7, 239.2\*

Lab ID	Client ID	Matrix	Extraction <sup>o</sup>	Dissolved Chromium	Total Chromium	% Rec. Surrogate
72691	MW-1	W	TTLIC	ND	0.018	112
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLIC		0.5 mg/kg	0.5	
	W	TTLIC		0.005 mg/L	0.005	
	—	STLC,TCLP		0.01 mg/L	0.05	

\* soil samples and sludge are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

<sup>o</sup> EPA extraction methods 1311(TCLP), 3010/3020(water, TTLIC), 3040(organic matrices, TTLIC), 3050(solids, TTLIC); STLC from CA Title 22

# surrogate diluted out of range; N/A means surrogate not applicable to this analysis

\* reporting limit raised due matrix interference

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

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			Client Contact: Chris Webuzoh			Date Extracted: 01/09/97		
			Client P.O:			Date Analyzed: 01/09/97		
Analytical methods			EPA 150.1, 9040, 9045					
Lab ID	Client ID	Matrix	pH					
72691	MW-1	W	6.97					
Reporting Limit or Method Accuracy unless otherwise stated; ND		W	± 0.05					
means not detected above the reporting limit; N/A means not applicable		S	± 0.1					
Reporting Units		W,S	-log(mol*) at 25°C					

DHS Certification No. 1644

*EH* Edward Hamilton, Lab Director

**McCAMPBELL ANALYTICAL**

110 2nd AVENUE, # D7

PACHECO, CA 94553

(510) 798-1820

FAX (510) 798-1822

7922ASQ11

**CHAIN OF CUSTODY RECORD**

TURN AROUND TIME:

RUSH  24 HOUR  48 HOUR  5 DAY

REPORT TO: *Chris Stuber* BILL TO: *SAME*

COMPANY: *Superior Environmental*  
 1111 Alondra Avenue, Suite B  
 San Leandro, CA 94577

TELE: *510-614-1400* FAX: *510-614-2923*

PROJECT NUMBER: *B4137* PROJECT NAME: *B4137*

PROJECT LOCATION: *Oakland* SAMPLER SIGNATURE: *Chris Stuber*

ANALYSIS REQUEST

OTHER

BITX & TPH as Gasoline (602/6020 & 6013)	
TPH as Diesel (6020)	
Total Petroleum Oil & Grease (5520 CAF/5520 BAF)	
Total Petroleum Hydrocarbons (418.1)	
EPA 602/608	
EPA 602/609	
EPA 608/609	
EPA 608/608 - PCBs Only	
EPA 624/6240/6240	
EPA 625/6278	
CAH - 17 Metals	
EPA - Priority Pollutant Metals	
LEAD (7240/7241/7242/6010)	
ORGANIC LEAD	
HC1	
Diss. Chromium	
Total Chromium	
pH	

COMMENTS

SAMPLE ID	LOCATION	SAMPLING		# CONTAINERS	TYPE CONTAINERS	MATRIX					METHOD PRESERVED					
		DATE	TIME			WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	OTHER			
D115-1		11/9/97	Am	3		✓										

72691

RELINQUISHED BY: <i>Chris Stuber</i>	DATE <i>11/9/97</i>	TIME <i>11:25</i>	RECEIVED BY: <i>Maria Pina</i>
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED BY LABORATORY:

REMARKS:  
 ICE?   
 GOOD CONDITION   
 HEAD SPACE ABSENT   
 PRESERVATIVE APPROPRIATE CONTAINERS   
 VOAS / O&G / METALS / OTHER  
*Container not dissolved*

white - lab  
 yellow - insp. file  
 pink - fac. file

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DIVISION OF HAZARDOUS MATERIALS  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621  
 (415) 271-4320

95-099

LABORATORY SERVICE REQUEST

SITENAME DOISBY  
 ADDRESS 124 Hegenberger Loop, Oakland, Alameda CA 94621  
 SAMPLE SUBMITTED TO: Refaat  
 DATE SUBMITTED 8/15/95  
 SEND INVOICE TO: \_\_\_\_\_

SEND ANALYTICAL REPORT TO ABOVE OR:  
Madhulla Logan  
 ATTN: "

RUSH = ABOUT 1 WEEK TURNAROUND  
 ROUTINE = ABOUT 2 WEEKS TURN-AROUND

SAMPLE NO.	DATE/TIME COLLECTED	TYPE OF MATERIAL (WATER, SOIL OR MATRIX)	VOLUME/WEIGHT	FIELD OBSERVATION	ANALYSIS REQUESTED
B-2D	8/4/95	Soil	402		Total chrome
B-3D	8/4/95	Soil	402		Total chrome

Chain of Custody:

1. Madhulla Y Har Mat Spec 8/15/95  
 Signature Title Inclusive Dates  
 2. Refaat A Malik Chem 8/15/95  
 Signature Title Inclusive Dates  
 3. \_\_\_\_\_  
 Signature Title Inclusive Dates

Alameda County Health Care Service Agency  
Department of Environmental Health  
Environmental Health Laboratory

ANALYTICAL REQUEST

Certification No. 1816  
Laboratory No: 95-099

Sample Identification: DOISBY, 124 Hegenberger Loop Oakland CA 94621.

Analysis Requested By: Madhulla Logan

Date Collected: 8/04/95

Collected By: Madhulla Logan

Date Received: 8/15/95

Received By: R. Mankarious

Analysis Requested: Chromium.

Background Information: Two soil samples submitted for analysis.

ANALYTICAL RESULTS

Parameter	Observation or Results *		Regulatory Limits	
Sample #	B-2D	B-3D	STLC mg/L	TTLIC mg/Kg
Laboratory #	95-099-1	95-099-2		
Chromium	782 ppm (mg/Kg)	2360 ppm (mg/Kg)	500	2500

\* All results are TTLIC.

Conclusion:

Date Analysis Completed: 08/22/95

Chemist: R. Mankarious

Approved: *DW*

Distribution: Madhulla Logan, Jun Makishima

white - lab  
yellow - insp. file  
pink - fac. file

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DIVISION OF HAZARDOUS MATERIALS  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
(415) 271-4320

Lab # 97-003

LABORATORY SERVICE REQUEST

SITENAME Dolsby Project  
ADDRESS 124 Heigenberger Loop  
SAMPLE SUBMITTED TO: \_\_\_\_\_  
DATE SUBMITTED 11/9/97  
SEND INVOICE TO: \_\_\_\_\_

SEND ANALYTICAL REPORT TO ABOVE OR:  
Subject Skin  
\_\_\_\_\_  
ATIN: \_\_\_\_\_

RUSH = ABOUT 1 WEEK TURNAROUND  
 ROUTINE = ABOUT 2 WEEKS TURN-  
AROUND

SAMPLE NO.	DATE/TIME COLLECTED	TYPE OF MATERIAL (WATER, SOIL OR MATRIX)	VOLUME/WEIGHT	FIELD OBSERVATION	ANALYSIS REQUESTED
MW-1	10:00AM	Water	~0.3 liter	Cloudy	Dissolved Chromium

Chain of Custody:

1.	<u>Subject Skin</u> Signature	<u>Sen. Haz. Mat. Spec.</u> Title	<u>11/9/97</u> Inclusive Dates
2.	<u>Laracy Song</u> Signature	<u>Supv. Chemist</u> Title	<u>11/9/97</u> Inclusive Dates
3.	_____ Signature	_____ Title	_____ Inclusive Dates



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

### CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Received: 08/24/89  
Reported: 08/31/89  
Job #: 71031

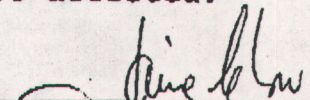
Attn: Pat Hagan  
GSX Services of California, Inc.  
4501 Pacheco Blvd.  
Martinez, CA. 94553

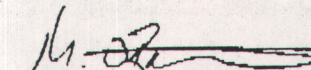
Analysis Method EPA 6010  
Prep Method EPA 3050  
mg/kg

Lab ID #: 71031-1  
Client ID: 124 Hegenberger Loop, Oakland, CA. (stockpile)  
Matrix: Soil

METAL		MDL	% SPIKE RECOVERY
Tl	ND<2.2	2.2	90
As	110	2.2	90
Hg	ND<5.0	5.0	90
Se	ND<5.0	5.0	92
Mo	3.2	1.0	88
Sb	ND<1.0	2.0	104
Zn	64.4	0.15	84
Cd	8.8	0.012	84
Pb	20.8	1.1	84
Co	6.1	0.5	88
Ni	35	0.65	84
Cr	14190	0.15	86
V	17.0	0.1	90
Be	ND<0.025	0.025	86
Cu	600	0.1	94
Ag	ND<0.10	0.10	88
Ba	77.4	0.125	94

MDL: Method detection Limit: Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

  
Michael O'Brien  
QA/QC Officer

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

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CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Date Received: 07/21/94  
Date Analyzed: 08/01/94  
Date Reported: 08/01/94  
Job #: 76026

Attn: Pauline Dolsby  
Dolsby  
124 Hegenberger Loop  
Oakland, CA 94621

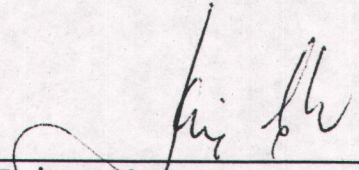
Project: Dolsby  
124 Hegenberger Loop, Oakland, CA 94621  
Matrix: Soil

EPA 6010  
Preparation Method 3050  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Chromium</u>	<u>MDL</u>
76026-1	7-20-94A	24,190	0.05

QA/QC: Method Spike Recovery for Chromium: 120%

MDL: Method Detection Limit: Compound below this level would not be detected.

  
\_\_\_\_\_  
Jaime Chow  
Laboratory Director

JC/dwc



Precision Analytical Laboratory, Inc.

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**CERTIFICATE OF ANALYSIS**

STATE LICENSE NO. 1150

Date Received: 07/21/94  
Date Analyzed: 07/28/94  
Date Reported: 07/29/94  
Job #: 76026

Attn: Pauline Dolsby  
Dolsby  
124 Hegenberger Loop  
Oakland, CA 94621

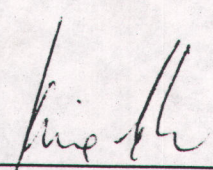
Project: Dolsby  
124 Hegenberger Loop, Oakland, CA 94621  
Matrix: Soil

Total Cyanide  
EPA 9010  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Total Cyanide</u>	<u>MDL</u>
76026-1	7-20-94A	0.30	1.0

QA/QC: Spike Recovery for Cyanide: 122%

MDL: Method Detection Limit: Compound below this level would not be detected.

  
Jaime Chow  
Laboratory Director

JC/dwc

**Precision Analytical Laboratory, Inc.**

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**CERTIFICATE OF ANALYSIS**

STATE LICENSE NO. 1150

Date Received: 07/27/94

Date Analyzed: 08/03/94

Date Reported: 08/04/94

Job #: 76049

Attn: Pauline Dolsby  
Dolsby  
124 Hegenberger Loop  
Oakland, CA 94621

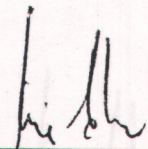
Project: Dolsby  
124 Hegenberger Loop, Oakland, CA 94621  
Matrix: Soil

Hexavalent Chromium  
EPA Method 7196  
mg/Kg

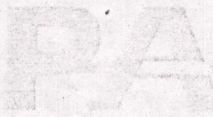
<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Hexavalent Chromium</u>	<u>MDL</u>
76049-1	1-7/27/94	0.27	0.02

QA/QC: Method Spike Recovery: 110%

MDL: Method Detection Limit: Compound below this level would not be detected.

  
\_\_\_\_\_  
Jaime Chow  
Laboratory Director

JC/dwc



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PHONE (510) 222-3002

FAX (510) 222-1251

### CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Date Received: 07/27/94  
Date Analyzed: 08/04/94  
Date Reported: 08/04/94  
Job #: 76049

Attn: Pauline Dolsby  
Dolsby  
124 Hegenberger Loop  
Oakland, CA 94621

Project: Dolsby  
124 Hegenberger Loop, Oakland, CA 94621  
Matrix: Liquid

EPA 6010  
Preparation Method 3010  
mg/L

*Trivalent*

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Chromium</u>	<u>MDL</u>
76049-2	2-7/27/94	1,125	0.003

QA/QC: Method Spike Recovery for Chromium: 120%  
Method Spike Duplicate Recovery for Chromium: 128%

MDL: Method Detection Limit: Compound below this level would not be detected.

Jaime Chow  
Laboratory Director

JC/dwc