

# RMC PACIFIC MATERIALS



6601 KOLL CENTER PARKWAY  
P.O. BOX 5252  
PLEASANTON, CALIFORNIA 94566  
(925) 426-8787 • fax: (925) 426-2281  
www.rmcpacific.com

00 DEC -6 PM 3:53  
ENVIRONMENTAL  
PROTECTION

12/04/00

Ms. Eva Chu  
Alameda County Environmental Health Services  
Hazardous Materials Division  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA. 94502-6577

Ms. Chu,

I am writing to inform you that RMC Pacific Materials (RMC) has taken action on the contaminated soil piles located at our Pleasanton (Eliot) and Sunol aggregate plants. This is in response to your agency's request to update the information on the two piles and to remove these items from your books. Scheduling conflicts with other projects have precluded us from taking action any sooner.

During the week of November 6, 2000, I went to the Eliot site to lay out the sampling requirements. I spoke to the plant manager and was informed that during the last year, unbeknownst to this office, the contaminated material from Sunol had been trucked to the Eliot facility and consolidated with that plant's pile. Faced with this dilemma I decided to treat the pile as a single unit for sampling purposes. The volume of the pile is still approximately 2500 cubic yards (90' x 150' x 5' thick) and the results of the sample analyses are enclosed.

## **Methodology**

The current sampling plan followed the same procedures as when the Eliot pile was last sampled in November 1996. Prior to the actual sampling the 90 by 150-foot pile was visually divided into 10-foot square quadrants (see enclosed figure). Random numbers were generated with the use of a pocket calculator to determine the x, y and z coordinates for each of the representative samples. All sampling depths would be between 1 to 5 feet below the ground surface. It was decided that twenty-eight samples would be taken to represent the pile, then seven composites of four proximal samples each would be generated for the purposes of analysis.

The samples were obtained with the aid of a tractor-operated backhoe. Each predetermined location was occupied by the backhoe and excavated beyond the required depths. The samples were obtained at the necessary depth of each hole either from the bottom or sidewall. Each sample was taken with pre-cleaned 2 1/4" brass tube that was filled

completely to avoid volatilization of organic compounds. Once filled, the tubes were sealed with plastic caps on each end, labeled and then placed into a chilled ice chest.

Upon completion of the sampling event the tubes were immediately taken to an independent laboratory (Chromolab, Inc.) in Pleasanton, CA. for blending and analyses. The composite samples were subsequently analyzed for both total oil & grease (EPA 1664) and total lead. These analyses were chosen to satisfy the requirements of an offsite landfill (e.g. BFI, Vasco Road in Livermore) if that would be necessary.

### **Results**

Laboratory analyses for the selected analytes within the pile confirm that the contamination is very low. The following shows this:

- The total oil & grease contamination is predominately at or below the detection limits (50 mg/Kg) with a maximum of 84 mg/Kg in only one sample.
- The total lead contamination range is between a low of 4.6 and a maximum of 8.4 mg/Kg with most falling near 6.5 mg/Kg.

### **Recommendations**

Based on the results of the analyses, RMC proposes to dispose of the pile in one of two manners.

1. Be allowed to run the entire pile through our aggregate process by blending it with freshly mined material. We believe that the dilution factor would be sufficient to minimize concerns. Our reasoning for this is because we were allowed to do this at our Rancho Cordova plant with the approval of the Sacramento County Hazardous Material Department (The contamination levels at that site were nearly analogous to the Eliot site).
- 2. Be allowed to use the pile for road base within the Eliot plant site.

RMC looks forward to your response on this matter.

If you have any questions or concerns, please contact me at (925) 426-2261 or fax me at (925) 426-2231.

Sincerely,



Robert Aldenhuysen  
Environmental Coordinator

encl.

cc: Rich Bier - Eliot Aggregate  
Dennis Tsuchida - Main Office  
Butch Kelly - Sunol Aggregate  
Files

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

Date: November 17, 2000

**RMC Pacific Materials INC.**

P.O. box 5252

Pleasanton, CA 94566

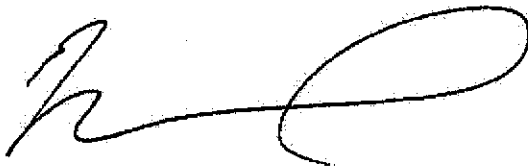
Attn.: Robert Aldenhuisen

ENVIRONMENTAL  
PROTECTION  
00 DEC --6 PM 3:53

Attached is our report for your samples received on Friday November 10, 2000  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after December 25, 2000  
unless you have requested otherwise. We appreciate the opportunity to be of service to you.  
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.  
My email address is: [vvancil@chromalab.com](mailto:vvancil@chromalab.com)

Sincerely,



Vincent Vancil

---

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

CA DHS ELAP#1096

Oil & Grease (Total) by EPA 1664

<b>RMC Pacific Materials INC.</b>	☒ P.O. box 5252 Pleasanton, CA 94566
Attn: Robert Aldenhuysen	Phone: (925) 426-2261 Fax: (925) 426-2231
Project #:	Project:

**Samples Reported**

Sample ID	Matrix	Date Sampled	Lab #
1(12-3,14-2),2(14-3-15-2) COMP	Soil	11/10/2000 09:38	1
1(8-2),3(7-2,7-4,10-2)COMP	Soil	11/10/2000 09:38	2
7(14-4,15-1),8(14-2),9(13-3)COMP	Soil	11/10/2000 10:06	3
1(2-2,3-1,3-3),2(2-3)COMP	Soil	11/10/2000 10:38	4
2(4-1,4-4),3(2-4),4(3-2)COMP	Soil	11/10/2000 10:16	5
5(10-3),7(10-1)9(6-3,9-2)COMP	Soil	11/10/2000 09:47	6
8(1-2,3-3),9(2-2,6-1)COMP	Soil	11/10/2000 09:50	7

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: 1(12-3,14-2),2(14-3-15-2) COMP	Lab Sample ID: 2000-11-0222-001
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:38	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	58	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID:	1(8-2),3(7-2,7-4,10-2)COMP	Lab Sample ID:	2000-11-0222-002
Project:		Received:	11/10/2000 12:11
Sampled:	11/10/2000 09:38	Extracted:	11/13/2000 14:05
Matrix:	Soil	QC-Batch:	2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: 7(14-4,15-1),8(14-2),9(13-3)COMP	Lab Sample ID: 2000-11-0222-003
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:06	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuysen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: <b>1(2-2,3-1,3-3),2(2-3)COMP</b>	Lab Sample ID: <b>2000-11-0222-004</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:38	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	84	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1098

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: <b>2(4-1,4-4),3(2-4),4(3-2)COMP</b>	Lab Sample ID: <b>2000-11-0222-005</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:16	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	50	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: <b>5(10-3),7(10-1)9(6-3,9-2)COMP</b>	Lab Sample ID: <b>2000-11-0222-006</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:47	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuysen

Prep Method: 1664

Oil & Grease (Total) by EPA 1664

Sample ID: <b>8(1-2,3-3),9(2-2,6-1)COMP</b>	Lab Sample ID: <b>2000-11-0222-007</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:50	Extracted: 11/13/2000 14:05
Matrix: Soil	QC-Batch: 2000/11/13-01.23

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	11/15/2000	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: **RMC Pacific Materials INC.**

Test Method: 1664

Attn.: Robert Aldenhuisen

Prep Method: 1664

**Batch QC Report**  
Oil & Grease (Total) by EPA 1664

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/11/13-01.23</b>
MB: 2000/11/13-01.23-001		Date Extracted: 11/13/2000

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	11/15/2000	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: RMC Pacific Materials INC.

Test Method: 1664

Attn: Robert Aldenhuisen

Prep Method: 1664

## Batch QC Report

Oil & Grease (Total) by EPA 1664

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/11/13-01.23	
LCS:	2000/11/13-01.23-002	Extracted:	11/13/2000	Analyzed	11/15/2000
LCSD:	2000/11/13-01.23-003	Extracted:	11/13/2000	Analyzed	11/15/2000

Compound	Conc. [ mg/Kg ]		Exp.Conc. [ mg/Kg ]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Oil & Grease (total)	734	712	800	800	91.8	89.0	3.1	80-120	20		

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

Total Lead

<b>RMC Pacific Materials INC.</b>	☒ P.O. box 5252
Attn: Robert Aldenhuysen	Pleasanton, CA 94566
Project #:	Phone: (925) 426-2261 Fax: (925) 426-2231
	Project:

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
1(12-3,14-2),2(14-3-15-2) COMP	Soil	11/10/2000 09:38	1
1(8-2),3(7-2,7-4,10-2)COMP	Soil	11/10/2000 09:38	2
7(14-4,15-1),8(14-2),9(13-3)COMP	Soil	11/10/2000 10:06	3
1(2-2,3-1,3-3),2(2-3)COMP	Soil	11/10/2000 10:38	4
2(4-1,4-4),3(2-4),4(3-2)COMP	Soil	11/10/2000 10:16	5
5(10-3),7(10-1)9(6-3,9-2)COMP	Soil	11/10/2000 09:47	6
8(1-2,3-3),9(2-2,6-1)COMP	Soil	11/10/2000 09:50	7

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

Total Lead

Sample ID: <b>1(12-3,14-2),2(14-3-15-2) COMP</b>	Lab Sample ID: <b>2000-11-0222-001</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:38	Extracted: 11/14/2000 08:13
Matrix: Soil	QC-Batch: 2000/11/14-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	6.8	1.0	mg/Kg	1.00	11/14/2000 13:07	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

Total Lead

Sample ID: <b>1(8-2),3(7-2,7-4,10-2)COMP</b>	Lab Sample ID: <b>2000-11-0222-002</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:38	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	4.6	1.0	mg/Kg	1.00	11/16/2000 12:06	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

Total Lead

Sample ID: 7(14-4,15-1),8(14-2),9(13-3)COMP	Lab Sample ID: 2000-11-0222-003
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:06	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	8.4	1.0	mg/Kg	1.00	11/16/2000 12:10	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Attn.: Robert Aldenhuysen

Test Method: 6010B

Prep Method: 3050B

Total Lead

Sample ID: <b>1(2-2,3-1,3-3),2(2-3)COMP</b>	Lab Sample ID: <b>2000-11-0222-004</b>
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:38	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	7.3	1.0	mg/Kg	1.00	11/16/2000 12:14	

1220 Quarry Lane \* Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

Total Lead

Sample ID: 2(4-1,4-4),3(2-4),4(3-2)COMP	Lab Sample ID: 2000-11-0222-005
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 10:16	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	5.9	1.0	mg/Kg	1.00	11/16/2000 12:17	

1220 Quarry Lane \* Pleasanton, CA 94586-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuysen

Prep Method: 3050B

Total Lead

Sample ID: 5(10-3),7(10-1)9(6-3,9-2)COMP	Lab Sample ID: 2000-11-0222-006
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:47	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	6.3	1.0	mg/Kg	1.00	11/16/2000 12:21	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuysen

Prep Method: 3050B

Total Lead

Sample ID: 8(1-2,3-3),9(2-2,6-1)COMP	Lab Sample ID: 2000-11-0222-007
Project:	Received: 11/10/2000 12:11
Sampled: 11/10/2000 09:50	Extracted: 11/16/2000 08:40
Matrix: Soil	QC-Batch: 2000/11/16-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	6.4	1.0	mg/Kg	1.00	11/16/2000 12:25	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

To: RMC Pacific Materials INC.

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

### Batch QC Report

Total Lead

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/11/14-02.15</b>
MB: 2000/11/14-02.15-039		Date Extracted: 11/14/2000 08:13

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Lead	ND	1.0	mg/Kg	11/14/2000 11:31	

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn.: Robert Aldenhuisen

Prep Method: 3050B

## Batch QC Report Total Lead

<b>Method Blank</b>	<b>Soil</b>	<b>QC Batch # 2000/11/16-02.15</b>
MB: 2000/11/16-02.15-032		Date Extracted: 11/16/2000 08:40

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Lead	ND	1.0	mg/Kg	11/16/2000 11:44	

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096



# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: RMC Pacific Materials INC.

Test Method: 6010B

Attn: Robert Aldenhuisen

Prep Method: 3050B

## Batch QC Report

Total Lead

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/11/14-02.15	
LCS:	2000/11/14-02.15-040	Extracted:	11/14/2000 08:13	Analyzed	11/14/2000 11:36
LCSD:	2000/11/14-02.15-041	Extracted:	11/14/2000 08:13	Analyzed	11/14/2000 11:40

Compound	Conc. [ mg/Kg ]		Exp. Conc. [ mg/Kg ]		Recovery [%] RPD			Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Lead	96.7	99.4	100.0	100.0	96.7	99.4	2.8	80-120	20		

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-11-0222

To: **RMC Pacific Materials INC.**

Test Method: 6010B

Attn: Robert Aldenhuysen

Prep Method: 3050B

## Batch QC Report

Total Lead

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/11/16-02.15
LCS: 2000/11/16-02.15-035	Extracted: 11/16/2000 08:40	Analyzed 11/16/2000 11:58
LCSD: 2000/11/16-02.15-036	Extracted: 11/16/2000 08:40	Analyzed 11/16/2000 12:02

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Lead	102	96.0	100.0	100.0	102.0	96.0	6.1	80-120	20		

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

2000-11-0222

Reference #: 55739

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SDB) (DOIHS 1094)

DATE 11-10-00 PAGE 1 of 4

<b>PROJ. MGR</b> <u>ROB ALDENHAYSEN</u> <b>COMPANY</b> <u>RMC PACIFIC</u> <b>ADDRESS</b> <u>PO BOX 5252 PLEASANTON</u>					<b>ANALYSIS REPORT</b>																	
<b>SAMPLETS (SIGNATURE)</b> <i>[Signature]</i> (PHONE NO.) <u>426-2261</u> (FAX NO.) <u>426-2231</u>					<input type="checkbox"/> Gas w/ A/BTEX OMTBE <input type="checkbox"/> Gas w/ A/BTEX	<input type="checkbox"/> Purgeable Aromatics BTEX (EPA 8020)	<input type="checkbox"/> TPH-Diesel (EPA 8015M)	<input type="checkbox"/> TPH (EPA 8015M) <input type="checkbox"/> Diesel <input type="checkbox"/> M.O. <input type="checkbox"/> Other	<input type="checkbox"/> Purgeable Halocarbons (HYOCs) (EPA 8010)	<input type="checkbox"/> Volatile Organics (VOCs) (EPA 8260)	<input type="checkbox"/> Semivolatiles (EPA 8270)	<input type="checkbox"/> Total Oil and Grease (SM 5520 B + F, E + F)	<input type="checkbox"/> Pesticides (EPA 8080) <input type="checkbox"/> PCB's (EPA 8080)	<input type="checkbox"/> PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	<b>LUFT METALS:</b> <input type="checkbox"/> Cd, Cr, Pb, Ni, Zn	<input type="checkbox"/> CAM 17 METALS (EPA 8010/7470/7471)	<input type="checkbox"/> TOTAL LEAD	<input type="checkbox"/> W.P.T. (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)	NUMBER OF CONTAINERS	
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015M)	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M)	PURGEABLE HALOCARBONS (HYOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)	PESTICIDES (EPA 8080)	PNA's by 8270 8310	SPEC. COND. TSS TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	W.P.T. (STLC) TCLP	Hexavalent Chromium pH (24 hr hold time for H2O)	NUMBER OF CONTAINERS	
2-13-2	11/10	09:38	SOIL	N/A	X							X						X				
1-14-2	11/10	09:36	N		X							X						X				4
2-14-3	11/10	09:59			X							X						X				
1-12-3	11/10	09:32			X							X						X				
3-7-4	11/10	10:34			X							X						X				
3-7-2	11/10	10:33			X							X						X				4
1-8-2	11/10	09:29			X							X						X				
3-10-2	11/10	10:07			X							X						X				

COMPOSITE

<b>PROJECT INFORMATION</b> PROJECT NAME: _____ PROJECT NUMBER: _____ P.O.# _____				<b>SAMPLE RECEIPT</b> TOTAL NO. OF CONTAINERS: _____ HEAD SPACE: _____ TEMPERATURE: <u>24 hrs</u> CONFORMS TO RECORD: _____				<b>RECEIVED BY 1</b> <i>[Signature]</i> (TIME) _____ ROBERT ALDENHAYSEN (DATE) _____ RMC PACIFIC (COMPANY) _____				<b>RELINQUISHED BY 2</b> (SIGNATURE) _____ (TIME) _____ (PRINTED NAME) _____ (DATE) _____ (COMPANY) _____				<b>RELINQUISHED BY 3</b> (SIGNATURE) _____ (TIME) _____ (PRINTED NAME) _____ (DATE) _____ (COMPANY) _____			
<b>SPECIAL INSTRUCTIONS/COMMENTS:</b> Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Electronic Report				<b>RECEIVED BY 1</b> (SIGNATURE) _____ (TIME) _____ (PRINTED NAME) _____ (DATE) _____ (COMPANY) _____				<b>RECEIVED BY 2</b> (SIGNATURE) _____ (TIME) _____ (PRINTED NAME) _____ (DATE) _____ (COMPANY) _____				<b>RECEIVED BY (LABORATORY) 3</b> <i>[Signature]</i> (TIME) _____ CARLEUSA (DATE) _____ (PRINTED NAME) _____ (DATE) _____ (LAB) _____							

2000-11-0222

Reference #: 55739

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SDB) (DOIIS 1094)

DATE 11-10-00 PAGE 2 OF 4

COMPOSITE

PROJ. MGR					ANALYSIS REPORT															NUMBER OF CONTAINERS	
COMPANY					TPH (EPA 8015, 8020) <input type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX DMtBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Diesel <input type="checkbox"/> M.O. <input type="checkbox"/> Other	PURGEABLE HALOCARBONS, (BVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.P.T. (STLC) <input type="checkbox"/> TCLP		<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)
ADDRESS																					
SAMPLETS (SIGNATURE)					(PHONE NO.)					(FAX NO.)											
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.																	
7-14-4	11/10	10:06	SOIL	N/A	<input checked="" type="checkbox"/>							X						X			
9-13-3	11/10	09:45																			
8-14-2	11/10	10:03																			
7-15-1	11/10	09:41										X						X			
2-2-3	11/10	10:38	SOIL	N/A	<input checked="" type="checkbox"/>							X						X			
1-3-3	11/10	09:25																			
1-2-2	11/10	09:20																			
1-3-1	11/10	09:24										X						X			

PROJECT INFORMATION				SAMPLE RECEIPT				RELINQUISHED BY 1			RELINQUISHED BY 2			RELINQUISHED BY 3		
PROJECT NAME:				TOTAL NO. OF CONTAINERS				ROBERT ALDENHUYSEN 11:55								
PROJECT NUMBER:				HEAD SPACE				ROBERT ALDENHUYSEN								
P.O. #				TEMPERATURE				RMC PACIFIC								
TAT				CONFORMS TO RECORD				RMC PACIFIC								
STANDARD 5-DAY				24 48 72 OTHER				RECEIVED BY 1			RECEIVED BY 2			RECEIVED BY (LABORATORY) 3		
SPECIAL INSTRUCTIONS/COMMENTS:				Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Electronic Report										11/10		

2000-11-0222

Reference #: 55739

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 11/10/00 PAGE 3 OF 4

PROJ. MGR ROB ALDENHUYSEN  
 COMPANY RMC PACIFIC  
 ADDRESS \_\_\_\_\_  
 SAMPLERS (SIGNATURE) [Signature] (PHONE NO.) \_\_\_\_\_  
 (FAX NO.) \_\_\_\_\_

### ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input type="checkbox"/> Gas w/STEX DMTBE	PURGEABLE AROMATICS BTX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Diesel <input type="checkbox"/> M.O. <input type="checkbox"/> Other	PURGEABLE HALOCARBONS, (BVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 8010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Resonant Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)	NUMBER OF CONTAINERS
4-3-2	11/10	10:16	SOIL	N/A	<input checked="" type="checkbox"/>							X						X			
3-2-4	11/10	10:21			<input checked="" type="checkbox"/>							X						X			4
2-4-4	11/10	10:42			<input checked="" type="checkbox"/>							X						X			
2-4-1	11/10	10:41			<input checked="" type="checkbox"/>							X						X			
9-9-2	11/10	09:47			<input checked="" type="checkbox"/>							X						X			
9-6-3	11/10	09:52			<input checked="" type="checkbox"/>							X						X			4
7-10-1	11/10	10:11			<input checked="" type="checkbox"/>							X						X			
5-10-3	11/10	10:13			<input checked="" type="checkbox"/>							X						X			

COMPOSITE COMPOSITE

PROJECT INFORMATION		SAMPLE RECEIPT			
PROJECT NAME:	TOTAL NO. OF CONTAINERS	24	48	72	OTHER
PROJECT NUMBER	HEAD SPACE				
P.O. #	TEMPERATURE				
CONFORMS TO RECORD					
SPECIAL INSTRUCTIONS/COMMENTS: Report: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Electronic Report					

RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
<u>[Signature]</u> 11:55 (SIGNATURE) (TIME)		
<u>ROBERT ALDENHUYSEN</u> (PRINTED NAME) (DATE)		
<u>RMC PACIFIC</u> (COMPANY)		
RECEIVED BY 1	RECEIVED BY 2	RECEIVED BY (LABORATORY) 3
<u>[Signature]</u> (TIME)		<u>[Signature]</u> (TIME)
<u>[Printed Name]</u> (DATE)		<u>[Printed Name]</u> (DATE)
<u>[Company]</u>		<u>[Company]</u>

2000-11-0222

Reference #: 55739

# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

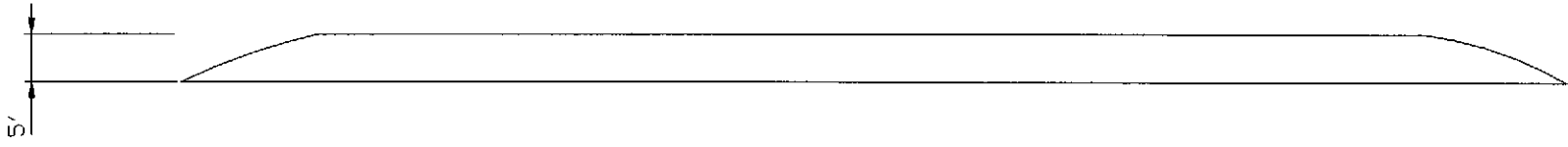
Environmental Services (SDB) (DOHS 1094)

DATE 11/10/00 PAGE 4 OF 4

PROJECT INFORMATION					SAMPLE RECEIPT					ANALYSIS REPORT																								
PROJECT NAME:					TOTAL NO. OF CONTAINERS					RELINQUISHED BY 1					RELINQUISHED BY 2					RELINQUISHED BY 3														
PROJECT NUMBER:					HEAD SPACE					SIGNATURE (TIME)					SIGNATURE (TIME)					SIGNATURE (TIME)														
P.O. #					TEMPERATURE					PRINTED NAME (DATE)					PRINTED NAME (DATE)					PRINTED NAME (DATE)														
CONFORMS TO RECORD					OTHER					COMPANY					COMPANY					COMPANY														
TAT					STANDARD 5-DAY					RECEIVED BY 1					RECEIVED BY 2					RECEIVED BY (LABORATORY) 3														
SPECIAL INSTRUCTIONS/COMMENTS:					Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Electronic Report					SIGNATURE (TIME)					SIGNATURE (TIME)					SIGNATURE (TIME)														
										PRINTED NAME (DATE)					PRINTED NAME (DATE)					PRINTED NAME (DATE)														
										COMPANY					COMPANY					COMPANY														
PROJ. MGR <u>ROB ALDENHUYSEN</u>					TPH-EPA 8015, 80201					TOTAL OIL AND GREASE (SM 5520 B+F, E+F)					PESTICIDES (EPA 8080)					TOTAL LEAD					W.E.T. (STLC)									
COMPANY <u>RMC PACIFIC</u>					<input type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX DMTE					VOLATILE ORGANICS (VOCs) (EPA 8260)					PCB'S (EPA 8080)					Hexavalent Chromium					pH (24 hr hold time for H2O)									
ADDRESS					PURGEABLE AROMATICS BTEX (EPA 8020)					SEMIVOLATILES (EPA 8270)					PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310					LUFT METALS: Cd, Cr, Pb, Ni, Zn					CAM 17 METALS (EPA 8010/7470/7471)					NUMBER OF CONTAINERS				
SAMPLES (SIGNATURE) <u>Rob Aldenhuysen</u>					TPH-Diesel (EPA 8015M)					TOTAL OIL AND GREASE (SM 5520 B+F, E+F)					<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS																			
(PHONE NO.)					TEPH (EPA 8015M)										<input type="checkbox"/> Pesticides (EPA 8080)																			
(FAX NO.)					<input type="checkbox"/> Diesel <input type="checkbox"/> M.O. <input type="checkbox"/> Other										PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310																			
SAMPLE ID.					DATE					TIME					MATRIX					PRESERV.														
9-6-1					11/10					09:50					SOIL					M/A														
8-3-3					11/10					10:19																								
9-2-2					11/10					09:54																								
8-1-2					11/10					11:23																								

COMPOSITE

}



# Sampling Locations



Y Coordinate

15		2					1		
14	2	3					4	2	
13									3
12	3								
11									
10			2		3		1		
9									2
8	2								
7			2,4						
6									1,3
5									
4		1,4							
3	1,3			2				3	
2	2	3	4						2
1								2	

1 2 3 4 5 6 7 8 9

X Coordinate