

# CHROMALAB, INC.

Analytical Laboratory  
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

December 14, 1990

ChromaLab File No.: 1290027  
1290028

RMC LONESTAR

Attn: Bradd Statley

RE: Thirteen soil samples for gasoline/BTEX, Diesel, and Oil & Grease analyses

Project Name: RMC LS

Date Sampled: Dec 7, 1990 Date Submitted: Dec 7, 1990

Date Extracted: Dec. 11-14, 1990 Date Analyzed: Dec 11-14, 1990

## RESULTS:

Sample No.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)	Oil & Grease (mg/Kg)
E-45	N.D.	N.D.	N.D.	5.2	N.D.	N.D.	79
E-46	N.D.	N.D.	N.D.	13	N.D.	N.D.	12
E-48	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	47
E-49	N.D.	N.D.	N.D.	35	N.D.	N.D.	N.D.
E-50	N.D.	N.D.	N.D.	62	N.D.	N.D.	N.D.
E-51	N.D.	N.D.	N.D.	5.6	N.D.	N.D.	N.D.
E-52	N.D.	N.D.	N.D.	180	N.D.	N.D.	N.D.
E-53	N.D.	N.D.	N.D.	240	N.D.	N.D.	N.D.
E-54	N.D.	N.D.	N.D.	220	N.D.	N.D.	N.D.
E-55	N.D.	N.D.	N.D.	110	N.D.	N.D.	N.D.
E-56	N.D.	N.D.	N.D.	34	N.D.	N.D.	17
E-57	N.D.	N.D.	N.D.	80	N.D.	N.D.	N.D.
E-58	N.D.	N.D.	N.D.	23	N.D.	N.D.	23
BLANK SPIKE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
RECOVERY	87.2%	91.4%	88.5%	95.4%	87.1%	96.0%	----
DUP.SP.REC.	93.9%	96.6%	84.8%	95.8%	101.8%	93.2%	----
DETECTION LIMIT	1.0	1.0	5.0	5.0	5.0	5.0	10
METHOD OF ANALYSIS	5030/ 8015	3550/ 8015	8020	8020	8020	8020	5520 D & F

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Laboratory Director

# CHROMALAB, INC.

Analytical Laboratory  
Specializing in GC-GC/MS

December 14, 1990

ChromaLab File #1290027A

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

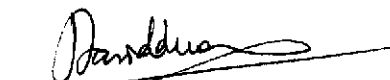
Sample I.D.: E-45

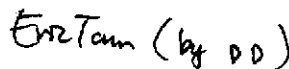
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYLVINYLEETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	---	---

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Lab Director

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December 14, 1990

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
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- Consultation

ChromaLab File #1290027B

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

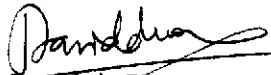
Sample I.D.: E-46

Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	----	----
VINYL CHLORIDE	N.D.	----	----
BROMOMETHANE	N.D.	----	----
CHLOROETHANE	N.D.	----	----
TRICHLOROFLUOROMETHANE	N.D.	----	----
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	----	----
1,2-DICHLOROETHENE (TOTAL)	N.D.	----	----
1,1-DICHLOROETHANE	N.D.	----	----
CHLOROFORM	N.D.	----	----
1,1,1-TRICHLOROETHANE	N.D.	----	----
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	----	----
TRICHLOROETHENE	N.D.	----	----
1,2-DICHLOROPROPANE	N.D.	----	----
BROMODICHLOROMETHANE	N.D.	----	----
2-CHLOROETHYL VINYLETHER	N.D.	----	----
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	----	----
1,1,2-TRICHLOROETHANE	N.D.	----	----
TETRACHLOROETHENE	N.D.	----	----
DIBROMOCHLOROMETHANE	N.D.	----	----
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	----	----

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Lab Director

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December 14, 1990

ChromaLab File #1290027D

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

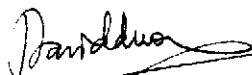
Sample I.D.: E-49

Method of Analysis: EPA 8010

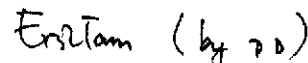
Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	---	---

ChromaLab, Inc.



David Duong  
Senior Chemist



Eric Tam  
Lab Director

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December 14, 1990

ChromaLab File #1290027H

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

Sample I.D.: E-53

Method of Analysis: EPA 8010

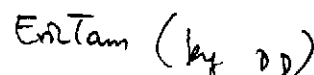
Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	---	---

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David Duong  
Senior Chemist



Eric Tam  
Lab Director

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December 14, 1990

ChromaLab File #1290028D

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

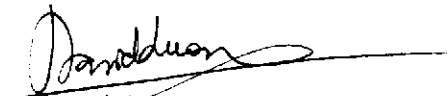
Sample I.D.: E-57

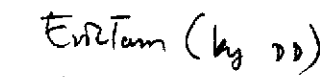
Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	---	---

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Lab Director

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December 14, 1990

ChromaLab File #1290028A

- Environmental Analysis
- Hazardous Waste (#E694)
- Drinking Water (#955)
- Waste Water
- Consultation

Client: RMC LONESTAR

Attn: Bradd Statley

Date Sampled: Dec. 7, 1990

Date Submitted: Dec. 7, 1990

Date of Analysis: December 13-14, 1990

Project Name: RMC LS

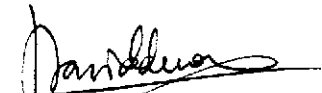
Sample I.D.: E-54

Method of Analysis: EPA 8010

Detection Limit: 5.0 µg/Kg

COMPOUND NAME	µg/Kg	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	90.2%	93.1%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	96.9%	89.7%
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	---	---
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYL VINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	90.1%	92.5%
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	---	---
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	93.1%	92.4%
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.	---	---

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Lab Director





