

Contents of drums from
Goodyear site dumped @
4035 Park Ave, Oakland

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura, CA. 93003
(805) 644-1095

Prepared For: RSI
2060 Knoll Dr. Ste. 200
Ventura, CA 93003

June 7, 1993

ATTENTION: E. Moriarty

Laboratory No: 931386
Date Received: 25-MAY-93
Sample ID: See Below

Job No: B01728
Sampled By: Client
Project: Goodyear/Oakland

RESULTS

On May 25, 1993, four (4) samples were received for analysis by BTC Environmental, Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 19 pages excluding the cover letter.

<u>SAMPLE ID</u>	<u>BTCE LAB NUMBER</u>
MW-1	93138601
MW-2	93138602
MW-3	93138603
Field Blank	93138604

Dan Farah

Dan A. Farah, Ph.D.
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of BTC Environmental, Inc.

The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.

BTC ENVIRONMENTAL
INCORPORATED

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095


Client: RSI
Sample ID: MW-1
Date Received: 5/25/93
Date Sampled: 5/19/93

Sample Matrix: Liquid
BTCE LAB NO: 93138601
Date Extracted: N/A
Time Sampled: 14:30

WET CHEMISTRY ANALYSIS SUMMARY

COMPOUND	RESULT	UNITS	DF	PQL	METHOD	ANALYZED
Oil and Grease	BQL	mg/L	1.06	1	413.1	5/27/93

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit


Crystal Craver
Inorganics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-2
Date Received: 5/25/93
Date Sampled: 5/19/93

Sample Matrix: Liquid
BTCE LAB NO: 93138602
Date Extracted: N/A
Time Sampled: 17:20

WET CHEMISTRY ANALYSIS SUMMARY

COMPOUND	RESULT	UNITS	DF	PQL	METHOD	ANALYZED
Oil and Grease	1.7	mg/L	1.06	1	413.1	5/27/93

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit


Chrystal Craver
Inorganics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-3
Date Received: 5/25/93
Date Sampled: 5/19/93

Sample Matrix: Liquid
BTCE LAB NO: 93138603
Date Extracted: N/A
Time Sampled: 17:50

WET CHEMISTRY ANALYSIS SUMMARY

COMPOUND	RESULT	UNITS	DF	PQL	METHOD	ANALYZED
Oil and Grease	BQL	mg/L	1.09	1	413.1	5/27/93

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit


Crystal Craver
Inorganics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: Method Blank

BTCE LAB NO: 931386-MB
Sample Matrix: Liquid

WET CHEMISTRY BLANK ANALYSIS SUMMARY

COMPOUND	RESULT	UNITS	DF	PQL	METHOD	ANALYZED
Oil and Grease	BQL	mg/L	1.00	1	413.1	5/27/93

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit


Chrystal Craver
Inorganics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: Method Blank
BTCE LAB NO: 931386-MB

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid

METHOD BLANK ANALYSIS
EPA Method 602

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzene	BQL	1	0.5
Toluene	BQL	1	0.5
Chlorobenzene	BQL	1	0.3
Ethylbenzene	BQL	1	0.5
M&P-Xylene	BQL	1	0.5
O-Xylene	BQL	1	0.5
1,2-Dichlorobenzene	BQL	1	0.5
1,3-Dichlorobenzene	BQL	1	0.5
1,4-Dichlorobenzene	BQL	1	0.5

Surrogate Recovery

Surrogate	% Recovery
Bromofluorobenzene	116

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-1
BTCE LAB NO: 93138601
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 14:30

AROMATIC VOLATILE COMPOUNDS
EPA Method 602

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzene	BQL	1	0.5
Toluene	BQL	1	0.5
Chlorobenzene	BQL	1	0.3
Ethylbenzene	BQL	1	0.5
M&P-Xylene	BQL	1	0.5
O-Xylene	BQL	1	0.5
1,2-Dichlorobenzene	BQL	1	0.5
1,3-Dichlorobenzene	BQL	1	0.5
1,4-Dichlorobenzene	BQL	1	0.5

Surrogate Recovery

Surrogate	% Recovery
Bromofluorobenzene	116

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit

C.S. Ellis Hsue
C.S. Ellis Hsue
Organics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-2
BTCE LAB NO: 93138602
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 17:20

AROMATIC VOLATILE COMPOUNDS
EPA Method 602

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzene	BQL	1	0.5
Toluene	BQL	1	0.5
Chlorobenzene	BQL	1	0.3
Ethylbenzene	BQL	1	0.5
M&P-Xylene	BQL	1	0.5
O-Xylene	BQL	1	0.5
1,2-Dichlorobenzene	BQL	1	0.5
1,3-Dichlorobenzene	BQL	1	0.5
1,4-Dichlorobenzene	BQL	1	0.5

Surrogate Recovery

Surrogate	% Recovery
Bromofluorobenzene	85

BQL: Below Practical Quantitation Limit

PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-3
BTCE LAB NO: 93138603
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 17:50

AROMATIC VOLATILE COMPOUNDS
EPA Method 602

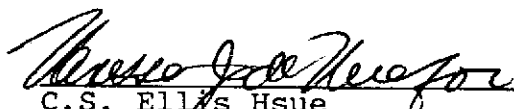
Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzene	BQL	1	0.5
Toluene	BQL	1	0.5
Chlorobenzene	BQL	1	0.3
Ethylbenzene	BQL	1	0.5
M&P-Xylene	BQL	1	0.5
O-Xylene	BQL	1	0.5
1,2-Dichlorobenzene	BQL	1	0.5
1,3-Dichlorobenzene	BQL	1	0.5
1,4-Dichlorobenzene	BQL	1	0.5

Surrogate Recovery

Surrogate	% Recovery
Bromofluorobenzene	98

BQL: Below Practical Quantitation Limit

PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: Field Blank
BTCE LAB NO: 93138604
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 18:00

AROMATIC VOLATILE COMPOUNDS
EPA Method 602

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzene	BQL	1	0.5
Toluene	BQL	1	0.5
Chlorobenzene	BQL	1	0.3
Ethylbenzene	BQL	1	0.5
M&P-Xylene	BQL	1	0.5
O-Xylene	BQL	1	0.5
1,2-Dichlorobenzene	BQL	1	0.5
1,3-Dichlorobenzene	BQL	1	0.5
1,4-Dichlorobenzene	BQL	1	0.5

Surrogate Recovery

Surrogate	% Recovery
Bromofluorobenzene	76

BQL: Below Practical Quantitation Limit

PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-1
BTCE LAB NO: 93138601
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 14:30

HALOGENATED VOLATILE COMPOUNDS
EPA Method 601

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzyl chloride	BQL	1	1
bis(2-Chloroethoxy)methane	BQL	1	5
Bromobenzene	BQL	1	1
Bromodichloromethane	BQL	1	1
Bromoform	BQL	1	1
Bromomethane	BQL	1	5
Carbon tetrachloride	BQL	1	1
Chlorobenzene	BQL	1	1
Chloroethane	BQL	1	5
Chloroform	BQL	1	1
1-Chlorohexane	BQL	1	1
2-Chloroethyl vinyl ether	BQL	1	5
Chloromethane	BQL	1	5
Chloromethylmethyl ether	BQL	1	5
Chlorotoluene	BQL	1	1
Dibromochloromethane	BQL	1	1
Dibromomethane	BQL	1	1
1,2-Dichlorobenzene	BQL	1	1
1,3-Dichlorobenzene	BQL	1	1
1,4-Dichlorobenzene	BQL	1	1
Dichlorodifluoromethane	BQL	1	5
1,1-Dichloroethane	BQL	1	1
1,2-Dichloroethane	BQL	1	1
1,1-Dichloroethylene	BQL	1	1
trans-1,2-Dichloroethylene	BQL	1	1
Dichloromethane	BQL	1	1
1,2-Dichloropropane	BQL	1	1
cis-1,3-Dichloropropylene	BQL	1	1

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

Client: RSI
Sample ID: MW-1
BTCE LAB NO: 93138601
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 14:30

HALOGENATED VOLATILE ORGANIC COMPOUNDS
EPA Method 8010
Continued


Compound	Concentration ug/L	Dilution Factor	PQL ug/L
trans-1,3-Dichloropropylene	BQL	1	1
1,1,2,2-Tetrachloroethane	BQL	1	1
1,1,1,2-Tetrachloroethane	BQL	1	1
Tetrachloroethylene	BQL	1	1
1,1,1-Trichloroethane	BQL	1	1
1,1,2-Trichloroethane	BQL	1	1
Trichloroethylene	BQL	1	1
Trichlorofluoromethane	BQL	1	5
Vinyl chloride	BQL	1	5

Surrogate Recovery

Bromofluorobenzene 109 %

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Department Supervisor

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
 Sample ID: MW-2
 BTCE LAB NO: 93138602
 Date Received: 5/25/93
 Date Sampled: 5/19/93

Date Analyzed: 5/26/93
 Analyst: VDV
 Sample Matrix: Liquid
 Time Sampled: 17:20

HALOGENATED VOLATILE COMPOUNDS
EPA Method 601

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzyl chloride	BQL	1	1
bis(2-Chloroethoxy)methane	BQL	1	5
Bromobenzene	BQL	1	1
Bromodichloromethane	BQL	1	1
Bromoform	BQL	1	1
Bromomethane	BQL	1	5
Carbon tetrachloride	BQL	1	1
Chlorobenzene	BQL	1	1
Chloroethane	BQL	1	5
Chloroform	BQL	1	1
1-Chlorohexane	BQL	1	1
2-Chloroethyl vinyl ether	BQL	1	5
Chloromethane	BQL	1	5
Chloromethylmethyl ether	BQL	1	5
Chlorotoluene	BQL	1	1
Dibromochloromethane	BQL	1	1
Dibromomethane	BQL	1	1
1,2-Dichlorobenzene	BQL	1	1
1,3-Dichlorobenzene	BQL	1	1
1,4-Dichlorobenzene	BQL	1	1
Dichlorodifluoromethane	BQL	1	5
1,1-Dichloroethane	BQL	1	1
1,2-Dichloroethane	BQL	1	1
1,1-Dichloroethylene	BQL	1	1
trans-1,2-Dichloroethylene	BQL	1	1
Dichloromethane	BQL	1	1
1,2-Dichloropropane	BQL	1	1
cis-1,3-Dichloropropylene	BQL	1	1

BQL: Below Practical Quantitation Limit
 PQL: Practical Quantitation Limit


 C.S. Ellis Hsue
 Organics Manager

Client: RSI
Sample ID: MW-2
BTCE LAB NO: 93138602
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 17:20

HALOGENATED VOLATILE ORGANIC COMPOUNDS
EPA Method 8010
Continued


Compound	Concentration ug/L	Dilution Factor	PQL ug/L
trans-1,3-Dichloropropylene	BQL	1	1
1,1,2,2-Tetrachloroethane	BQL	1	1
1,1,1,2-Tetrachloroethane	BQL	1	1
Tetrachloroethylene	BQL	1	1
1,1,1-Trichloroethane	BQL	1	1
1,1,2-Trichloroethane	BQL	1	1
Trichloroethylene	BQL	1	1
Trichlorofluoromethane	BQL	1	5
Vinyl chloride	BQL	1	5

Surrogate Recovery

Bromofluorobenzene 79 %

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Department Supervisor

Page 2 of 2

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: MW-3
BTCE LAB NO: 93138603
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 17:50

HALOGENATED VOLATILE COMPOUNDS
EPA Method 601

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzyl chloride	BQL	1	1
bis(2-Chloroethoxy)methane	BQL	1	5
Bromobenzene	BQL	1	1
Bromodichloromethane	BQL	1	1
Bromoform	BQL	1	1
Bromomethane	BQL	1	5
Carbon tetrachloride	BQL	1	1
Chlorobenzene	BQL	1	1
Chloroethane	BQL	1	5
Chloroform	BQL	1	1
1-Chlorohexane	BQL	1	1
2-Chloroethyl vinyl ether	BQL	1	5
Chloromethane	BQL	1	5
Chloromethylmethyl ether	BQL	1	5
Chlorotoluene	BQL	1	1
Dibromochloromethane	BQL	1	1
Dibromomethane	BQL	1	1
1,2-Dichlorobenzene	BQL	1	1
1,3-Dichlorobenzene	BQL	1	1
1,4-Dichlorobenzene	BQL	1	1
Dichlorodifluoromethane	BQL	1	5
1,1-Dichloroethane	BQL	1	1
1,2-Dichloroethane	BQL	1	1
1,1-Dichloroethylene	BQL	1	1
trans-1,2-Dichloroethylene	BQL	1	1
Dichloromethane	BQL	1	1
1,2-Dichloropropane	BQL	1	1
cis-1,3-Dichloropropylene	BQL	1	1

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

Client: RSI
Sample ID: MW-3
BTCE LAB NO: 93138603
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 17:20

HALOGENATED VOLATILE ORGANIC COMPOUNDS
EPA Method 8010
Continued


Compound	Concentration ug/L	Dilution Factor	PQL ug/L
trans-1,3-Dichloropropylene	BQL	1	1
1,1,2,2-Tetrachloroethane	BQL	1	1
1,1,1,2-Tetrachloroethane	BQL	1	1
Tetrachloroethylene	BQL	1	1
1,1,1-Trichloroethane	BQL	1	1
1,1,2-Trichloroethane	BQL	1	1
Trichloroethylene	BQL	1	1
Trichlorofluoromethane	BQL	1	5
Vinyl chloride	BQL	1	5

Surrogate Recovery

Bromofluorobenzene 98 %

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Department Supervisor

Page 2 of 2

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
 Sample ID: Field Blank
 BTCE LAB NO: 93138604
 Date Received: 5/25/93
 Date Sampled: 5/19/93

Date Analyzed: 5/26/93
 Analyst: VDV
 Sample Matrix: Liquid
 Time Sampled: 18:00

HALOGENATED VOLATILE COMPOUNDS
EPA Method 601

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzyl chloride	BQL	1	1
bis(2-Chloroethoxy)methane	BQL	1	5
Bromobenzene	BQL	1	1
Bromodichloromethane	BQL	1	1
Bromoform	BQL	1	1
Bromomethane	BQL	1	5
Carbon tetrachloride	BQL	1	1
Chlorobenzene	BQL	1	1
Chloroethane	BQL	1	5
Chloroform	2.1	1	1
1-Chlorohexane	BQL	1	1
2-Chloroethyl vinyl ether	BQL	1	5
Chloromethane	BQL	1	5
Chloromethylmethyl ether	BQL	1	5
Chlorotoluene	BQL	1	1
Dibromochloromethane	BQL	1	1
Dibromomethane	BQL	1	1
1,2-Dichlorobenzene	BQL	1	1
1,3-Dichlorobenzene	BQL	1	1
1,4-Dichlorobenzene	BQL	1	1
Dichlorodifluoromethane	BQL	1	5
1,1-Dichloroethane	BQL	1	1
1,2-Dichloroethane	BQL	1	1
1,1-Dichloroethylene	BQL	1	1
trans-1,2-Dichloroethylene	BQL	1	1
Dichloromethane	BQL	1	1
1,2-Dichloropropane	BQL	1	1
cis-1,3-Dichloropropylene	BQL	1	1

BQL: Below Practical Quantitation Limit
 PQL: Practical Quantitation Limit

C.S. Ellis Hsue
 C.S. Ellis Hsue
 Organics Manager

Client: RSI
Sample ID: Field Blank
BTCE LAB NO: 93138604
Date Received: 5/25/93
Date Sampled: 5/19/93

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid
Time Sampled: 18:00

HALOGENATED VOLATILE ORGANIC COMPOUNDS
EPA Method 8010
Continued

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
trans-1,3-Dichloropropylene	BQL	1	1
1,1,2,2-Tetrachloroethane	BQL	1	1
1,1,1,2-Tetrachloroethane	BQL	1	1
Tetrachloroethylene	BQL	1	1
1,1,1-Trichloroethane	BQL	1	1
1,1,2-Trichloroethane	BQL	1	1
Trichloroethylene	BQL	1	1
Trichlorofluoromethane	BQL	1	5
Vinyl chloride	BQL	1	5

Surrogate Recovery

Bromofluorobenzene 106 %

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Department Supervisor

Page 2 of 2

BTC Environmental, Incorporated
1536 Eastman Avenue, Suite B
Ventura CA 93003
(805) 644-1095

Client: RSI
Sample ID: Method Blank
BTCE LAB NO: 931386-MB

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid

HALOGENATED VOLATILE COMPOUNDS
EPA Method 601

Compound	Concentration ug/L	Dilution Factor	PQL ug/L
Benzyl chloride	BQL	1	1
bis(2-Chloroethoxy)methane	BQL	1	5
Bromobenzene	BQL	1	1
Bromodichloromethane	BQL	1	1
Bromoform	BQL	1	1
Bromomethane	BQL	1	5
Carbon tetrachloride	BQL	1	1
Chlorobenzene	BQL	1	1
Chloroethane	BQL	1	5
Chloroform	BQL	1	1
1-Chlorohexane	BQL	1	1
2-Chloroethyl vinyl ether	BQL	1	5
Chloromethane	BQL	1	5
Chloromethylmethyl ether	BQL	1	5
Chlorotoluene	BQL	1	1
Dibromochloromethane	BQL	1	1
Dibromomethane	BQL	1	1
1,2-Dichlorobenzene	BQL	1	1
1,3-Dichlorobenzene	BQL	1	1
1,4-Dichlorobenzene	BQL	1	1
Dichlorodifluoromethane	BQL	1	5
1,1-Dichloroethane	BQL	1	1
1,2-Dichloroethane	BQL	1	1
1,1-Dichloroethylene	BQL	1	1
trans-1,2-Dichloroethylene	BQL	1	1
Dichloromethane	BQL	1	1
1,2-Dichloropropane	BQL	1	1
cis-1,3-Dichloropropylene	BQL	1	1

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Organics Manager

Client: RSI
Sample ID: Method Blank
BTCE LAB NO: 931386-MB

Date Analyzed: 5/26/93
Analyst: VDV
Sample Matrix: Liquid

HALOGENATED VOLATILE ORGANIC COMPOUNDS
EPA Method 8010
Continued


Compound	Concentration ug/L	Dilution Factor	PQL ug/L
trans-1,3-Dichloropropylene	BQL	1	1
1,1,2,2-Tetrachloroethane	BQL	1	1
1,1,1,2-Tetrachloroethane	BQL	1	1
Tetrachloroethylene	BQL	1	1
1,1,1-Trichloroethane	BQL	1	1
1,1,2-Trichloroethane	BQL	1	1
Trichloroethylene	BQL	1	1
Trichlorofluoromethane	BQL	1	5
Vinyl chloride	BQL	1	5

Surrogate Recovery

Bromofluorobenzene 115 %

PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

BQL: Below Practical Quantitation Limit
PQL: Practical Quantitation Limit


C.S. Ellis Hsue
Department Supervisor

Page 2 of 2

931386

CHAIN OF CUSTODY RECORD

BILL TO Company: LSI
Address: 2060 Knoll Dr Ste 200
Ventura CA 93003
Phone #: (805) 644-5892 Contact: Eamon Moriarty

PROJ. NO.		PROJECT NAME				NO. OF CONTAINERS	ANALYSIS	REMARKS	CHECK IF RUSH
SAMPLERS: (Signature) <i>[Signature]</i>									
NO.	DATE	TIME	COMP	GRAB	SAMPLE I.D.				
1	5/19/93	14:30		X	MW-1	4	X		
		"			"	1	X		
2		17:20			MW-2	4	X		
		"			"	1	X		
3		17:50			MW-3	4	X		
		"			"	1	X		
4	5/19/93	18:00		X	Field Blank	4	X		

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 5/25/93 15:05	Received by: (Signature) <i>[Signature]</i>	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	NAME	ADDRESS
WHITE COPY _____ CANARY COPY _____ PINK COPY _____			PHONE NO.		



Air, Water & Hazardous Waste Sampling, Analysis & Consultation
Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories

San Luis Obispo, CA • Benicia, CA • Camarillo, CA • San Jose, CA
Anaheim, CA • Tempe, AZ • Valparaiso, IN • Westbrook, ME • Indianapolis, IN

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Brian Mossman
R.S.I.
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JJ0604
Project : Goodyear Service Center,
2025 Telegraph Ave

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE ID	SAMPLE DESCRIPTION	MATRIX	SAMPLED BY			SAMPLED DATE RECEIVED		
JJ0604-1	MW-1 @ 14.5'	Soil	Eamon Moriarty			05/13/93	05/14/93	
JJ0604-2	MW-2 @ 14.5'	Soil	Eamon Moriarty			05/13/93	05/14/93	
JJ0604-3	MW-3 @ 14.5'	Soil	Eamon Moriarty			05/13/93	05/14/93	

CONSTITUENT	UNITS	*PQL	JJ0604-1	JJ0604-2	JJ0604-3
Total Petroleum Hydrocarbons (Diesel)	mg/Kg	5. ND	ND	ND	ND
Method:			EPA 8015M	EPA 8015M	EPA 8015M
Analyzed by:			TN	TN	TN
Analyzed on:			05/19/93	05/19/93	05/19/93
Dilution Factor			1.0	1.0	1.0
Notes:			1	1	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS of 'ND' not detected at or above the listed PQL times Dilution Factor.

(1) Sample Preparation on 05/18/93 by HTH

05/20/93
ECD2-519C005
MC/mcc/ttn
DSL051893

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Marissa Coronel
Laboratory Director



Air, Water & Hazardous Waste Sampling, Analysis & Consultation
Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories

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CLIENT: Brian Mossman
R.S.I.
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JJ-0604-1
Project : Goodyear Service Center,
2025 Telegraph Ave
Analyzed : 05/24/93
Analyzed by: LD
Method : E8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MW-1 @ 14.5'	Soil	Eamon Moriarty	05/13/93	05/14/93	
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
BTEX + TPH (Gasoline)				1	
Benzene		0.005	ND		
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

05/25/93
GC2/524B322
MC/mcc
BTX051893

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Laboratory Director



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Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories

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Anaheim, CA • Tempe, AZ • Valparaiso, IN • Westbrook, ME • Indianapolis, IN

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Brian Mossman
R.S.I.
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JJ-0604-2
Project : Goodyear Service Center,
2025 Telegraph Ave
Analyzed : 05/24/93
Analyzed by: LD
Method : E8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MW-2 @ 14.5'	Soil	Eamon Moriarty	05/13/93	05/14/93	
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
BTEX + TPH (Gasoline)					
Benzene		0.005	ND	1	
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

05/25/93
GC2/524B323
MC/mcc
BTX051893

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Marissa Coronel
Laboratory Director



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2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Brian Mossman
R.S.I.
2060 Knoll Drive
Ventura, CA 93003

Lab Number : JJ-0604-3
Project : Goodyear Service Center,
2025 Telegraph Ave
Analyzed : 05/24/93
Analyzed by: LD
Method : E8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MW-3 @ 14.5'	Soil	Eamon Moriarty	05/13/93	05/14/93	
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
BTEX + TPH (Gasoline)				1	
Benzene		0.005	ND		
Toluene		0.005	ND		
Ethylbenzene		0.005	ND		
Xylenes		0.005	ND		
Total Petroleum Hydrocarbons (Gasoline)		1.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

05/25/93
GC2/5148324
MC/mcc
BTX051893

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Marissa Coronel
Laboratory Director

141 Suburban Road	• San Luis Obispo, CA 93401	• (805) 543-2553	FAX (805) 543-2685
751 S. Kellogg, Suite A	• Goleta, CA 93117	• (805) 964-7838	FAX (805) 967-4386
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2400 Cumberland Dr.	• Valparaiso, Indiana 46383	• (219) 464-2389	FAX (219) 462-2953
4765 Calle Quetzal	• Camarillo, CA 93012	• (805) 389-1353	FAX (805) 389-1438
340 County Road No. 5	• Westbrook, ME 04092	• (207) 874-2400	FAX (207) 775-4029

• PLEASE PRINT IN PEN

Client RSI	Contact Eaman Morisarty	Phone # (805) 677-5992	FAX # (805)
Address 2060 Knoll St Ste 200	City Ventura	State CA	Zip 93003
Project Name/Number Goodyear Service Center - 2025 Telegraph Ave	Project MGR Brian Mossman		
Bill (if different than above)	Address		
Sampler (Print and sign) Eaman Morisarty	Due Date	Circle for RUSH*	Copies To: Auth. Init.

Sample Description	Date/Time Coll'd	*Matrix	# of Containers	Pres.	Filt. y/n	* Subject to Availability Analysis	Remarks	Lab ID #
MW1 @ 4.5'	5/13/93 9:15	SL	1	0	✓	BTEX, TPH-G, D	Hold	
↓ 9.5'	9:30	↓	↓	↓	↓	↓	↓	
↓ 14.5'	9:45	↓	↓	↓	↓	↓	Analyze	
↓ 19.5'	10:00	↓	↓	↓	↓	↓	Hold	
↓ 24.5'	10:15	↓	↓	↓	↓	↓	↓	
MW-2 @ 4.5'	12:35	↓	↓	↓	↓	↓	↓	
↓ 9.5'	12:50	↓	↓	↓	↓	↓	↓	
↓ 14.5'	13:05	↓	↓	↓	↓	↓	Analyze	

Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By
Eaman Morisarty	5-14-93 1:55 PM AGS				

FOR LAB USE ONLY

Shipping Method	Shipping #	Received By	Date/Time	Condition (See Remarks)		
Eaman Morisarty		Shelley Huff	5-14-93 1340	Cold Y	Sealed Y	Intact Y
REMARKS						

* Matrix:

- DW - Drinking Water
- WW - Wastewater
- GW - Groundwater
- SW - Surface Water
- IM - Impinger
- FI - Filter
- FP - Free Product
- A/G - Air/Gas
- SL - Sludge/Soil/Solid
- OT - Other

141 Suburban Road
751 S. Kellogg, Suite A
1885 North Kelly Road
9333 Tech Center Dr., Ste. 800
2400 Cumberland Dr.

San Luis Obispo, CA 93401
Goleta, CA 93117
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(805) 964-7838
(707) 257-7211
(916) 368-1333
(219) 464-2389

FAX (805) 543-2685
FAX (805) 964-4386
FAX (707) 226-1001
FAX (916) 362-2484
FAX (219) 462-2953

• PLEASE PRINT IN PEN

Client <u>RSI</u>	Contact <u>Eamon Moriarty</u>	Phone # <u>(805) 611-5872</u>	FAX # <u>(805) </u>
Address <u>2060 Kroll Dr. Ste. 100</u> City <u>Ventura</u> State <u>CA</u> Zip <u>93003</u>		Project Name/Number <u>Goodyear Service Center - 2025 Telegraph</u> Project MGR <u>Brian Mossman</u>	
Bill (if different than above) <u> </u>			
Sampler <u>Eamon Moriarty / Brian Mossman</u>		Due Date <u> </u>	Circle for RUSH <u> </u> Copies To: <u> </u> Auth. Init. <u> </u>

Sample Description	Date/Time Coll'd	*Matrix	# of Containers	Pres.	Filt. y/n	Analysis	Remarks	Lab ID #
MW-2 @ 17.5'	5/14/05 15	SL	1	/	/	BTEX PH-10	Hold	
MW-3 @ 15'	15						↓	
↓ 15'	15						↓	
↓ 15'	15						Analyze	

Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By
<u>Eamon Moriarty</u>	5/14/05				

Shipping Method	Shipping #	Received By	Date/Time	Condition (See Remarks)		
<u>Eamon Moriarty</u>		<u>Hellie Huff</u>	<u>5-14-05</u>	Cold <u>y</u>	Sealed <u>y</u>	Intact <u>y</u>
REMARKS <u> </u>						

- * Matrix:**
- DW - Drinking Water
 - WW - Wastewater
 - GW - Groundwater
 - SW - Surface Water
 - IM - Impinger
 - FI - Filter
 - FP - Free Product
 - A/G - Air/Gas
 - SL - Sludge/Soil/Solid
 - OT - Other

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