

From: **DCM CONSTRUCTION & SERVICES, INC.**

7172 Regional St. #139
Dublin, Ca 94568

Jeff Deakin

Phone # 1-925-803-6969

Fax # 1-925-803-1557

Cell # 1-925-997-3367

Email dcminc@sbcglobal.net

Fax Transmittal

To: Mr. Robert Weston
ACHD

Date Sent: 5-13-04

Fax: 1-510-~~555-1111~~ 337-9335

Number of Pages: 25

Message:

Mr. Weston,

Results from 2nd round of sampling b for Impulse Motors for review,
please call me .

Thanks again,
Jeff



Submission #: 2004-04-0932

Total Lead

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100

Oakland, CA 94621

Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00

1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	3050B	Test(s):	6010B
Sample ID:	D2-2.0	Lab ID:	2004-04-0932 - 2
Sampled:	04/29/2004 13:55	Extracted:	4/30/2004 11:34
Matrix:	Soil	QC Batch#:	2004/04/30-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.9	1.0	mg/Kg	1.00	05/03/2004 20:29	

Severn Trent Laboratories, Inc.

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05/06/2004 12:34

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Submission #: 2004-04-0932

Total Lead

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100

Oakland, CA 94621

Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00

1210 Bockman Rd

Received: 04/29/2004 18:50

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
D1-2.0	04/29/2004 13:25	Soil	1
D2-2.0	04/29/2004 13:55	Soil	2
D3-2.0	04/29/2004 14:30	Soil	3
D4-2.0	04/29/2004 14:55	Soil	4
P2-2.0	04/29/2004 14:10	Soil	5
P3-2.0	04/29/2004 14:40	Soil	6

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**SEVERN
TRENT****STL**

Submission#: 2004-04-0932

ACC Environmental Consultants

May 11, 2004

7977 Capwell Drive, Suite 100
Oakland, CA 94621

Attn.: Ed Giacometti

Project#: 6546-006.00

Project: 1210 Bockman Rd

Dear Mr. Giacometti,

Attached is our report for your samples received on 04/29/2004 18:50
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
06/13/2004 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: vwancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Submission #: 2004-04-0932



Total Lead

ACC Environmental Consultants
Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404
Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	3050B	Test(s):	6010B
Sample ID:	D1-2.0	Lab ID:	2004-04-0932 - 1
Sampled:	04/29/2004 13:25	Extracted:	4/30/2004 11:34
Matrix:	Soil	QC Batch#:	2004/04/30-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	8.2	1.0	mg/Kg	1.00	05/03/2004 20:02	

05/06/2004 12:34

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496



Submission #: 2004-04-0932

Total Lead

ACC Environmental Consultants
Attn.: Ed Giacometti
7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404
Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Table with 2 columns of metadata (Prep(s), Sample ID, Sampled, Matrix) and 2 columns of test details (Test(s), Lab ID, Extracted, QC Batch#). Below is a table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag.

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Submission #: 2004-04-0932

Total Lead

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Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
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Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	3050B	Test(s):	6010B
Sample ID:	D4-2.0	Lab ID:	2004-04-0932 - 4
Sampled:	04/29/2004 14:55	Extracted:	4/30/2004 11:34
Matrix:	Soil	QC Batch#:	2004/04/30-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.9	1.0	mg/Kg	1.00	05/03/2004 20:36	

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Submission #: 2004-04-0932

Total Lead

ACC Environmental Consultants
Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	3050B	Test(s):	6010B
Sample ID:	P2-2.0	Lab ID:	2004-04-0932 - 5
Sampled:	04/29/2004 14:10	Extracted:	4/30/2004 11:34
Matrix:	Soil	QC Batch#:	2004/04/30-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.7	1.0	mg/Kg	1.00	05/03/2004 20:39	

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Submission #: 2004-04-0932

Total Lead

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Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	3050B	Test(s):	6010B
Sample ID:	P3-2.0	Lab ID:	2004-04-0932 - 6
Sampled:	04/29/2004 14:40	Extracted:	4/30/2004 11:34
Matrix:	Soil	QC Batch#:	2004/04/30-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	6.5	1.0	mg/Kg	1.00	05/03/2004 20:43	

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Submission #: 2004-04-0932

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7977 Capwell Drive, Suite 100

Oakland, CA 94621

Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00

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Received: 04/29/2004 18:50

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2004/04/30-04.15-041

Soil

Test(s): 6010B

QC Batch # 2004/04/30-04.15

Date Extracted: 04/30/2004 11:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	05/03/2004 18:31	

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Submission #: 2004-04-0932

Total Lead

ACC Environmental Consultants
 Attn.: Ed Giacometti
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 Oakland, CA 94621
 Phone: (510) 638-8400 Fax: (510) 638-8404
 Project: 6546-006.00
 1210 Bockman Rd

Received: 04/29/2004 18:50

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike **Soil** **QC Batch # 2004/04/30-04.15**
 LCS 2004/04/30-04.15-042 Extracted: 04/30/2004 Analyzed: 05/03/2004 18:35
 LCSD 2004/04/30-04.15-043 Extracted: 04/30/2004 Analyzed: 05/03/2004 18:38

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Lead	96.5	94.0	100.0	96.5	94.0	2.6	80-120	20		

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Submission #: 2004-04-0932

Fuel Oxygenates by 8260B

ACC Environmental Consultants
Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
P2-2.0	04/29/2004 14:10	Soil	5

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Submission #: 2004-04-0932

Fuel Oxygenates by 8260B

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s): 5030B Test(s): 8260B
Sample ID: P2-2.0 Lab ID: 2004-04-0932 - 5
Sampled: 04/29/2004 14:10 Extracted: 5/11/2004 12:01
Matrix: Soil QC Batch#: 2004/05/11-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/11/2004 12:01	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	05/11/2004 12:01	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	05/11/2004 12:01	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Benzene	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Toluene	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Total xylenes	ND	5.0	ug/Kg	1.00	05/11/2004 12:01	
Surrogate(s)						
1,2-Dichloroethane-d4	82.2	70-121	%	1.00	05/11/2004 12:01	
Toluene-d8	93.7	81-117	%	1.00	05/11/2004 12:01	

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Submission #: 2004-04-0932

Fuel Oxygenates by 8260B

ACC Environmental Consultants

Attn.: Ed Giacomelli

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/05/11-01.69-030

Soil

Test(s): 8260B
QC Batch # 2004/05/11-01.69
Date Extracted: 05/11/2004 07:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/11/2004 07:30	
tert-Butyl alcohol (TBA)	ND	10.0	ug/Kg	05/11/2004 07:30	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	05/11/2004 07:30	
Di-isopropyl Ether (DIPE)	ND	10.0	ug/Kg	05/11/2004 07:30	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	05/11/2004 07:30	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	05/11/2004 07:30	
Benzene	ND	5.0	ug/Kg	05/11/2004 07:30	
Toluene	ND	5.0	ug/Kg	05/11/2004 07:30	
Ethyl benzene	ND	5.0	ug/Kg	05/11/2004 07:30	
Total xylenes	ND	5.0	ug/Kg	05/11/2004 07:30	
Surrogates(s)					
1,2-Dichloroethane-d4	87.5	70-121	%	05/11/2004 07:30	
Toluene-d8	92.4	81-117	%	05/11/2004 07:30	

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Submission #: 2004-04-0932

Fuel Oxygenates by 8260B

ACC Environmental Consultants
Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/05/11-01.69

LCS 2004/05/11-01.69-052

Extracted: 05/11/2004

Analyzed: 05/11/2004 06:52

LCSD 2004/05/11-01.69-010

Extracted: 05/11/2004

Analyzed: 05/11/2004 07:10

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	44.5	44.0	50.0	89.0	88.0	1.1	65-165	20		
Benzene	44.4	44.4	50.0	88.8	88.8	0.0	69-129	20		
Toluene	48.8	49.0	50.0	97.6	98.0	0.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	401	409	500	80.2	81.8		70-121			
Toluene-d8	471	481	500	94.2	96.2		81-117			

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Submission #: 2004-04-0932

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
 Oakland, CA 94621
 Phone: (510) 638-8400 Fax: (510) 638-8404

Received: 04/29/2004 18:50

Project: 6546-006.00
 1210 Bockman Rd

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
D1-2.0	04/29/2004 13:25	Soil	1
D2-2.0	04/29/2004 13:55	Soil	2
D3-2.0	04/29/2004 14:30	Soil	3
D4-2.0	04/29/2004 14:55	Soil	4
P3-2.0	04/29/2004 14:40	Soil	6

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Page 1 of 9



Submission #: 2004-04-0932

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	5030B	Test(s):	8260B
Sample ID:	D2-2.0	Lab ID:	2004-04-0932 - 2
Sampled:	04/29/2004 13:55	Extracted:	5/10/2004 13:27
Matrix:	Soil	QC Batch#:	2004/05/10-03.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	730000	50000	ug/Kg	1.00	05/10/2004 13:27	
Benzene	ND	500	ug/Kg	1.00	05/10/2004 13:27	
Toluene	1600	500	ug/Kg	1.00	05/10/2004 13:27	
Ethyl benzene	7200	500	ug/Kg	1.00	05/10/2004 13:27	
Total xylenes	59000	500	ug/Kg	1.00	05/10/2004 13:27	
tert-Butyl alcohol (TBA)	ND	2500	ug/Kg	1.00	05/10/2004 13:27	
Methyl tert-butyl ether (MTBE)	ND	500	ug/Kg	1.00	05/10/2004 13:27	
Di-isopropyl Ether (DIPE)	ND	1000	ug/Kg	1.00	05/10/2004 13:27	
Ethyl tert-butyl ether (ETBE)	ND	500	ug/Kg	1.00	05/10/2004 13:27	
tert-Amyl methyl ether (TAME)	ND	500	ug/Kg	1.00	05/10/2004 13:27	
Surrogate(s)						
1,2-Dichloroethane-d4	81.4	70-121	%	1.00	05/10/2004 13:27	
Toluene-d8	94.3	81-117	%	1.00	05/10/2004 13:27	

05/11/2004 14:52

Sewern Trent Laboratories, Inc.

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Submission #: 2004-04-0932

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s): 5030B Test(s): 8260B
Sample ID: D3-2.0 Lab ID: 2004-04-0932 - 3
Sampled: 04/29/2004 14:30 Extracted: 5/10/2004 18:56
Matrix: Soil QC Batch#: 2004/05/10-03.69
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3200000	500000	ug/Kg	10.00	05/10/2004 18:56	
Benzene	ND	5000	ug/Kg	10.00	05/10/2004 18:56	
Toluene	ND	5000	ug/Kg	10.00	05/10/2004 18:56	
Ethyl benzene	24000	5000	ug/Kg	10.00	05/10/2004 18:56	
Total xylenes	140000	5000	ug/Kg	10.00	05/10/2004 18:56	
tert-Butyl alcohol (TBA)	ND	25000	ug/Kg	10.00	05/10/2004 18:56	
Methyl tert-butyl ether (MTBE)	ND	5000	ug/Kg	10.00	05/10/2004 18:56	
Di-isopropyl Ether (DIPE)	ND	10000	ug/Kg	10.00	05/10/2004 18:56	
Ethyl tert-butyl ether (ETBE)	ND	5000	ug/Kg	10.00	05/10/2004 18:56	
tert-Amyl methyl ether (TAME)	ND	5000	ug/Kg	10.00	05/10/2004 18:56	
Surrogate(s)						
1,2-Dichloroethane-d4	NA	70-121	%	10.00	05/10/2004 18:56	sd
Toluene-d8	NA	81-117	%	10.00	05/10/2004 18:56	sd

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Submission #: 2004-04-0932

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 688-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	5030B	Test(s):	8260B
Sample ID:	D1-2.0	Lab ID:	2004-04-0932 - 1
Sampled:	04/29/2004 13:25	Extracted:	5/10/2004 14:57
Matrix:	Soil	QC Batch#:	2004/05/10-03.69
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	360000	250000	ug/Kg	5.00	05/10/2004 14:57	
Benzene	3300	2500	ug/Kg	5.00	05/10/2004 14:57	
Toluene	30000	2500	ug/Kg	5.00	05/10/2004 14:57	
Ethyl benzene	33000	2500	ug/Kg	5.00	05/10/2004 14:57	
Total xylenes	180000	2500	ug/Kg	5.00	05/10/2004 14:57	
tert-Butyl alcohol (TBA)	ND	13000	ug/Kg	5.00	05/10/2004 14:57	
Methyl tert-butyl ether (MTBE)	ND	2500	ug/Kg	5.00	05/10/2004 14:57	
Di-isopropyl Ether (DIPE)	ND	5000	ug/Kg	5.00	05/10/2004 14:57	
Ethyl tert-butyl ether (ETBE)	ND	2500	ug/Kg	5.00	05/10/2004 14:57	
tert-Amyl methyl ether (TAME)	ND	2500	ug/Kg	5.00	05/10/2004 14:57	
Surrogate(s)						
1,2-Dichloroethane-d4	NA	70-121	%	5.00	01/01/1900	sd
Toluene-d8	NA	81-117	%	5.00	01/01/1900	sd

05/11/2004 14:52

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ACC Environmental Consultants

Attn.: Ed Giacometti

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	5030B	Test(s):	8260B
Sample ID	D4-2.0	Lab ID:	2004-04-0932 - 4
Sampled:	04/29/2004 14:55	Extracted:	5/10/2004 15:33
Matrix:	Soil	QC Batch#:	2004/05/10-03.69
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	5900000	500000	ug/Kg	10.00	05/10/2004 15:33	
Benzene	ND	5000	ug/Kg	10.00	05/10/2004 15:33	
Toluene	ND	5000	ug/Kg	10.00	05/10/2004 15:33	
Ethyl benzene	37000	5000	ug/Kg	10.00	05/10/2004 15:33	
Total xylenes	290000	5000	ug/Kg	10.00	05/10/2004 15:33	
tert-Butyl alcohol (TBA)	ND	25000	ug/Kg	10.00	05/10/2004 15:33	
Methyl tert-butyl ether (MTBE)	ND	5000	ug/Kg	10.00	05/10/2004 15:33	
Di-isopropyl Ether (DIPE)	ND	10000	ug/Kg	10.00	05/10/2004 15:33	
Ethyl tert-butyl ether (ETBE)	ND	5000	ug/Kg	10.00	05/10/2004 15:33	
tert-Amyl methyl ether (TAME)	ND	5000	ug/Kg	10.00	05/10/2004 15:33	
Surrogate(s)						
1,2-Dichloroethane-d4	NA	70-121	%	10.00	05/10/2004 15:33	sd
Toluene-d8	NA	81-117	%	10.00	05/10/2004 15:33	sd

05/11/2004 14:52

Severn Trent Laboratories, Inc.

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Submission #: 2004-04-0932

Gas/BTEXFuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants
Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404
Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Prep(s):	5030B	Test(s):	8260B
Sample ID:	P3-2.0	Lab ID:	2004-04-0932 - 6
Sampled:	04/29/2004 14:40	Extracted:	5/11/2004 12:19
Matrix:	Soil	QC Batch#:	2004/05/10-03.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	690000	50000	ug/Kg	1.00	05/11/2004 12:19	
Benzene	8500	500	ug/Kg	1.00	05/11/2004 12:19	
Toluene	9200	500	ug/Kg	1.00	05/11/2004 12:19	
Ethyl benzene	3300	500	ug/Kg	1.00	05/11/2004 12:19	
Total xylenes	18000	500	ug/Kg	1.00	05/11/2004 12:19	
tert-Butyl alcohol (TBA)	ND	2500	ug/Kg	1.00	05/11/2004 12:19	
Methyl tert-butyl ether (MTBE)	ND	500	ug/Kg	1.00	05/11/2004 12:19	
Di-isopropyl Ether (DIPE)	ND	1000	ug/Kg	1.00	05/11/2004 12:19	
Ethyl tert-butyl ether (ETBE)	ND	500	ug/Kg	1.00	05/11/2004 12:19	
tert-Amyl methyl ether (TAME)	ND	500	ug/Kg	1.00	05/11/2004 12:19	
Surrogate(s)						
1,2-Dichloroethane-d4	2.7	70-121	%	1.00	05/11/2004 12:19	sl
Toluene-d8	3.2	81-117	%	1.00	05/11/2004 12:19	sl

Sewern Trent Laboratories, Inc.

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Submission #: 2004-04-0932

Gas/BTEXFuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants
Attn.: Ed Giacometti

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6546-006.00
1210 Bockman Rd

Received: 04/29/2004 18:50

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/05/10-03.69-020

Soil

Test(s): 8260B
QC Batch # 2004/05/10-03.69
Date Extracted: 05/10/2004 11:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50000	ug/Kg	05/10/2004 11:20	
Benzene	ND	500	ug/Kg	05/10/2004 11:20	
Toluene	ND	500	ug/Kg	05/10/2004 11:20	
Ethyl benzene	ND	500	ug/Kg	05/10/2004 11:20	
Total xylenes	ND	500	ug/Kg	05/10/2004 11:20	
tert-Butyl alcohol (TBA)	ND	2500	ug/Kg	05/10/2004 11:20	
Methyl tert-butyl ether (MTBE)	ND	500	ug/Kg	05/10/2004 11:20	
Di-isopropyl Ether (DIPE)	ND	1000	ug/Kg	05/10/2004 11:20	
Ethyl tert-butyl ether (ETBE)	ND	500	ug/Kg	05/10/2004 11:20	
tert-Amyl methyl ether (TAME)	ND	500	ug/Kg	05/10/2004 11:20	
Surrogates(s)					
1,2-Dichloroethane-d4	92.3	70-121	%	05/10/2004 11:20	
Toluene-d8	103.9	81-117	%	05/10/2004 11:20	

05/11/2004 14:52

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Submission #: 2004-04-0932

Gas/BTEX Fuel Oxygenates by 8260B (High Level)

ACC Environmental Consultants

Attn.: Ed Giacometti

7977 Capwell Drive, Suite 100
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Phone: (510) 638-8400 Fax: (510) 638-8404

Received: 04/29/2004 18:50

Project: 6546-006.00
1210 Bockman Rd

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/05/10-03.69

LCS 2004/05/10-03.69-057

Extracted: 05/10/2004

Analyzed: 05/10/2004 11:57

LCSD 2004/05/10-03.69-015

Extracted: 05/10/2004

Analyzed: 05/10/2004 12:15

Compound	Conc.		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		ug/Kg	LCS		LCSD	Rec.	RPD	LCS
Benzene	9070	9440	10000	90.7	94.4	4.0	69-129	20		
Toluene	9940	9970	10000	99.4	99.7	0.3	70-130	20		
Methyl tert-butyl ether (MTBE)	8480	8860	10000	84.8	88.6	4.4	65-165	20		
Surrogates(s)							70-121			
1,2-Dichloroethane-d4	184	188	250	73.6	75.2		81-117			
Toluene-d8	223	232	250	89.2	92.8					

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Submission #: 2004-04-0932

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 6546-006.00

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Received: 04/29/2004 18:50

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

sd

Surrogate recovery not reportable due to required dilution.

si

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

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