

NOA ✓ 208118230



02143556



17 March 2008

Debbie Zufelt
Green Analytical
75 Suttle Street
Durango, CO 81303
RE: COGCC

Enclosed are the results of analyses for samples received by the laboratory on 03/14/08 09:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Albert Vargas
Senior Project Coordinator

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MAR 18 2008

COGCC

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: COGCC
Project Number: GA08-056
Project Manager: Debbie Zufelt

Reported:
03/17/08 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
RM Comp BTM	T800349-01	Soil	03/12/08 08:30	03/14/08 09:45
RM Comp Berm	T800349-02	Soil	03/12/08 08:35	03/14/08 09:45

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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COGCC

Green Analytical
75 Suttle Street
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Project: COGCC
Project Number: GA08-056
Project Manager: Debbie Zufelt

Reported:
03/17/08 17:00

**RM Comp BTM
T800349-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	8031402	03/14/08	03/15/08	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl		80.6 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8021B

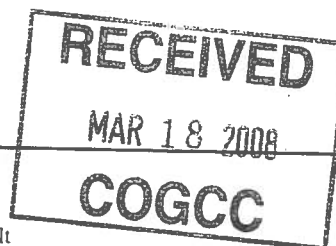
Benzene	ND	5.0	ug/kg	1	8031406	03/14/08	03/17/08	EPA 8021B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		133 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.

Albert Vargas

Albert Vargas, Senior Project Coordinator

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Reported:
03/17/08 17:00

**RM Comp Berm
T800349-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015B

C6-C12 (GRO)	ND	10	mg/kg	1	8031402	03/14/08	03/15/08	EPA 8015B	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		81.8 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8021B

Benzene	ND	5.0	ug/kg	1	8031406	03/14/08	03/17/08	EPA 8021B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		135 %	73.5-148		"	"	"	"	

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Extractable Petroleum Hydrocarbons by 8015B - Quality Control
SunStar Laboratories, Inc.

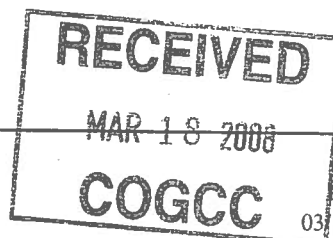
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8031402 - EPA 3550B GC										
Blank (8031402-BLK1)										
					Prepared: 03/14/08 Analyzed: 03/15/08					
Surrogate: p-Terphenyl	83.5		mg/kg	100		83.5	65-135			
C6-C12 (GRO)	ND	10	"							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
LCS (8031402-BS1)										
					Prepared: 03/14/08 Analyzed: 03/15/08					
Surrogate: p-Terphenyl	86.3		mg/kg	100		86.3	65-135			
C13-C28 (DRO)	420	10	"	500		84.4	75-125			
Matrix Spike (8031402-MS1)										
					Source: T800349-01 Prepared: 03/14/08 Analyzed: 03/15/08					
Surrogate: p-Terphenyl	83.8		mg/kg	100		83.8	65-135			
C13-C28 (DRO)	430	10	"	500	ND	86.5	75-125			
Matrix Spike Dup (8031402-MSD1)										
					Source: T800349-01 Prepared: 03/14/08 Analyzed: 03/15/08					
Surrogate: p-Terphenyl	84.2		mg/kg	100		84.2	65-135			
C13-C28 (DRO)	380	10	"	500	ND	76.5	75-125	12.2	20	

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Volatile Organic Compounds by EPA Method 8021B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8031406 - EPA 5030 GC

Blank (8031406-BLK1)

Prepared: 03/14/08 Analyzed: 03/17/08

Surrogate: 4-Bromofluorobenzene	593		ug/kg	500		119	73.5-148			
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							

LCS (8031406-BS1)

Prepared: 03/14/08 Analyzed: 03/17/08

Surrogate: 4-Bromofluorobenzene	734		ug/kg	500		147	73.5-148			
Benzene	364	5.0	"	250		146	70-130			QM-12
Toluene	363	5.0	"	250		145	70-130			QM-12
Ethylbenzene	362	5.0	"	250		145	70-130			QM-12
m,p-Xylene	734	10	"	500		147	70-130			QM-12
o-Xylene	368	5.0	"	250		147	70-130			QM-12

LCS Dup (8031406-BS1)

Prepared: 03/14/08 Analyzed: 03/17/08

Surrogate: 4-Bromofluorobenzene	795		ug/kg	500		159	73.5-148			QM-12
Benzene	373	5.0	"	250		149	70-130	2.54	20	QM-12
Toluene	376	5.0	"	250		150	70-130	3.38	20	QM-12
Ethylbenzene	382	5.0	"	250		153	70-130	5.40	20	QM-12
m,p-Xylene	774	10	"	500		155	70-130	5.31	20	QM-12
o-Xylene	395	5.0	"	250		158	70-130	7.00	20	QM-12

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Notes and Definitions

QM-12 The % recovery for this analyte was above acceptance criteria in the LCS and/or LCSD. The MB and sample(s) were ND for the analyte. The CCV(s) was within acceptance criteria. No negative impact on data is expected.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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