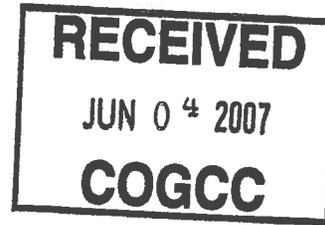


*Williams non-potable
1-mil west of Nelson*

Report page total including this page:

Complaint: 200113299



May 29, 2007

John Axelson
Colorado Oil & Gas Conservation Commission
9203 E 155th Dr
Brighton, CO 80602



Lab Work Order: 07-3012
Client Project ID: Lewis Creek-ERF

Dear John Axelson:

Enclosed are the analytical results for the samples shown in the Laboratory Work Order Summary. The invoice is included with this report or has been mailed to another party as indicated on the chain of custody.

The enclosed data for testing performed at Evergreen Analytical Laboratory (EAL) have been reviewed for quality assurance. A case narrative is included to describe any anomalies associated with the samples or data.

EAL will dispose of all samples one month from the date of this letter. If you want samples returned, please advise us by mail or fax as soon as possible.

A copy of this project report and supporting data will be retained for a period of five years unless we are otherwise advised by you. A document retrieval charge will apply.

Thank you for using the services of Evergreen Analytical. If you have any questions concerning the analytical data, please contact me. Please direct other questions to Client Services.

Sincerely,

A handwritten signature in cursive script that reads "Carl Smits".

Carl Smits / Kaprie Hollman
Technical Director of Chemical Analysis

WORK ORDER Summary

Evergreen Analytical, Inc.

07-3012

Rpt To: John Axelsson
 Colorado Oil & Gas Conservation
 Commission
 9203 E 155th Dr
 Brighton, CO 80602
 (303) 637-7178

Fax To: John Axelsson
 Email To: randall.ferguson@state.co.us
 FX: (303) 637-7179

5/16/2007 10:25:39 AM

Client Project ID: Lewis Creek-ERF
 QC Level: LEVEL I

Comments EDD in COGCC format and PDF.

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Test Code	Test Name	Hold MS	Date Due	Hold Time
07-3012-01A	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	8021_w*	8021: BTEX	<input type="checkbox"/>	5/18/07	5/29/07
07-3012-01B	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	6010_D*	6010: Dissolved Metals	<input type="checkbox"/>	5/30/07	11/11/07
07-3012-01B	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	6020_D*	6020: Dissolved Metals	<input type="checkbox"/>	5/30/07	11/11/07
07-3012-01C	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	ALK_WGRP*	Alkalinity	<input type="checkbox"/>	5/30/07	5/29/07
07-3012-01C	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	COND_w	Specific Conductance @ 25°C	<input type="checkbox"/>	5/30/07	6/12/07
07-3012-01C	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	F_w	Fluoride	<input type="checkbox"/>	5/30/07	6/12/07
07-3012-01C	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	PH_DW	EI 50.1 pH	<input type="checkbox"/>	5/30/07	5/16/07
07-3012-01C	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	TDS_w	Total Dissolved Solids (TDS)	<input type="checkbox"/>	5/30/07	5/22/07
07-3012-01D	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	ANIONS_w*	300.0: Anions by IC	<input type="checkbox"/>	5/30/07	5/17/07
07-3012-01E	Lewis Cr. NP-Well	Groundwater	5/15/07 0800	5/15/07	MEEP_w*	RSK175M: Methane	<input type="checkbox"/>	5/30/07	5/29/07

Definitions: * - Test Code has a Select List

Lab Order: 07-3012

Client Project ID Lewis Creek-ERF

CASE NARRATIVE

SAMPLE RECEIVING

Sample(s) were hand delivered to the laboratory by the client.

Custody seals were not present.

The temperature of the sample(s) upon arrival was 3.3 °C.

Sample(s) were received in good condition, in the proper container, and within holding times.

VOC sample(s) were marked as preserved on the bottle labels.

VOC sample(s) were received with no headspace present. JD

QUALITY ASSURANCE

Analyses performed on samples in this work order meet the requirements of the EAL Quality Assurance Program unless otherwise explained. Analyses of RCRA samples meet the requirements of NELAC and Utah Rule R444-14 unless otherwise explained. CMS

CLIENT SERVICES

There are no anomalies to report. AMU

GENERAL CHEMISTRY

The pH sample was analyzed 35 minutes out of holding time due to a scheduling problem. There are no other anomalies to report. CMS

METALS ANALYSIS

There are no anomalies to report. MB

GAS CHROMATOGRAPHY

Method MEEP_W: There are no anomalies to report. MS

Method 8021_W: There are no anomalies to report. HJ

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Lewis Cr. NP-Well
Client Project ID: Lewis Creek-ERF
Date Collected: 5/15/07
Date Received: 5/15/07

Lab Work Order 07-3012
Lab Sample ID: 07-3012-01A
Sample Matrix: Groundwater

AROMATIC VOLATILE ORGANICS

Method: SW8021B

Prep Method: SW5030B

Date Prepared: 5/17/07

Lab File ID: TVB20517A009R

Dilution Factor: 1

Date Analyzed: 5/17/07

Method Blank: MB2051707

Analytes	CAS Number	Result	LQL	Units
Benzene	71-43-2	U	1.0	µg/L
Toluene	108-88-3	U	2.0	µg/L
Ethylbenzene	100-41-4	U	2.0	µg/L
m,p-Xylene	1330-20-7	U	2.0	µg/L
o-Xylene	95-47-6	U	2.0	µg/L
Surr: 1,2,4-Trichlorobenzene (S)	120-82-1	81	QC Limits: 60-140	%REC

Analyst

Approved

Notes: Total Xylenes consist of three isomers, two of which co-elute. The Xylene RL is for a single peak. Confirmation analysis was not performed.

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
 E - Extrapolated value. Value exceeds calibration range
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 J - Indicates an estimated value when the compound is detected, but is below the LQL
 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 5/18/07

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Lewis Cr. NP-Well
Client Project ID: Lewis Creek-ERF
Date Collected: 5/15/07
Date Received: 5/15/07

Lab Work Order: 07-3012
Lab Sample ID: 07-3012-01
Sample Matrix: Groundwater

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 5/16/07
Date Analyzed: 5/17/07

Lab File ID: 051707PM
Method Blank: MB-12561

Dilution Factor: 1
Lab Fraction ID: 07-3012-01B

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	110	0.39	mg/L
Iron	7439-89-6	U	0.070	mg/L
Magnesium	7439-95-4	40	0.15	mg/L
Manganese	7439-96-5	0.87	0.0050	mg/L
Potassium	7440-09-7	12	0.34	mg/L
Sodium	7440-23-5	46	0.40	mg/L

DISSOLVED METALS

Method: SW6020

Prep Method: SW6020

Date Prepared: 5/21/07
Date Analyzed: 5/23/07

Lab File ID: 070523A.B\039SMPL.D
Method Blank: MB-12598

Dilution Factor: 1
Lab Fraction ID: 07-3012-01B

Analytes	CAS Number	Result	LQL	Units
Selenium	7782-49-2	U	0.0050	mg/L

mb

Analyst

WJH

Approved

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Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 5/24/07

907

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: Lewis Cr. NP-Well
 Client Project ID: Lewis Creek-ERF
 Date Collected: 5/15/07 0800
 Date Received: 5/15/07

Lab Work Order 07-3012
 Lab Sample ID: 07-3012-01
 Sample Matrix: Groundwater

ALKALINITY

Method: SM2320B

Prep Method:

Date Prepared: 5/17/07
 Date Analyzed: 5/17/07

Lab File ID: 13
 Method Blank: MBLK

Dilution Factor: 1
 Lab Fraction ID: 07-3012-01C

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		334	5.0	mg/L CaCO ₃
Bicarbonate		334	5.0	mg/L CaCO ₃
Carbonate		U	5.0	mg/L CaCO ₃

SPECIFIC CONDUCTANCE @ 25°C

Method: SM2510 B

Prep Method:

Date Prepared: 5/21/07
 Date Analyzed: 5/21/07

Lab File ID: 65

Dilution Factor: 1
 Lab Fraction ID: 07-3012-01C

Analytes	CAS Number	Result	LQL	Units
Specific Conductance		1040	1.00	µmhos/cm

FLUORIDE

Method: SM 4500-F C

Prep Method:

Date Prepared: 5/16/07
 Date Analyzed: 5/16/07

Lab File ID: 19
 Method Blank: MBLK

Dilution Factor: 1
 Lab Fraction ID: 07-3012-01C

Analytes	CAS Number	Result	LQL	Units
Fluoride	16984-48-8	0.53	0.20	mg/L

E150.1 PH

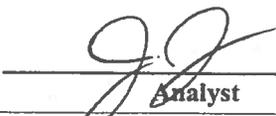
Method: E150.1

Prep Method:

Date Prepared: 5/16/07
 Date Analyzed: 5/16/07 0835

Dilution Factor: 1
 Lab Fraction ID: 07-3012-01C

Analytes	CAS Number	Result	LQL	Units
pH		7.04 H	1.00	pH Units


 Analyst


 Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
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 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
 LQL - Lower Quantitation Limit
 Surr - Surrogate

05
03
00

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Lewis Cr. NP-Well
Client Project ID: Lewis Creek-ERF
Date Collected: 5/15/07 0800
Date Received: 5/15/07

Lab Work Order 07-3012
Lab Sample ID: 07-3012-01
Sample Matrix: Groundwater

TOTAL DISSOLVED SOLIDS (TDS)

Method: SM 2540C

Prep Method:

Date Prepared: 5/21/07
Date Analyzed: 5/21/07 0000

Lab File ID: 7
Method Blank: MBLK

Dilution Factor: 1
Lab Fraction ID: 07-3012-01C

Analytes	CAS Number	Result	LQL	Units
Total Dissolved Solids		725	10.0	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
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S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 5/23/2007

Evergreen Analytical, Inc.
 4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
 (303) 425-6021

Client Sample ID: Lewis Cr. NP-Well
Client Project ID: Lewis Creek-ERF
Date Collected: 5/15/07 0800
Date Received: 5/15/07

Lab Work Order: 07-3012
Lab Sample ID: 07-3012-01
Sample Matrix: Groundwater

ANIONS BY IC

Method: E300.0

Prep Method:

Date Prepared: 5/16/07
Date Analyzed: 5/16/07 1128

Method Blank: METHOD BLANK

Dilution Factor: 1
Lab Fraction ID: 07-3012-01D

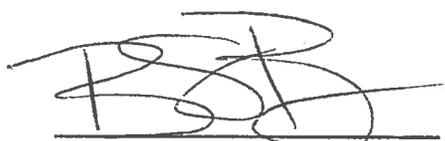
Analytes	CAS Number	Result	LQL	Units
Bromide	7647-15-6	1.04	0.25	mg/L
Nitrate-N		0.120	0.056	mg/L
Sulfate	7778-80-2	19.6	0.25	mg/L

Date Prepared: 5/16/07
Date Analyzed: 5/16/07 1200

Method Blank: METHOD BLANK

Dilution Factor: 5
Lab Fraction ID: 07-3012-01D

Analytes	CAS Number	Result	LQL	Units
Chloride	7647-14-5	147	1.3	mg/L
Nitrite-N		U	0.38	mg/L



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
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 S - Spike Recovery outside accepted limits
 U - Compound analyzed for but not detected
 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
 LQL - Lower Quantitation Limit
 Surr - Surrogate

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Project ID Lewis Creek-ERF

Lab Order: 07-3012
Units: mg/L

RSKSOP-175M Headspace

Method: RSKSOP175M

Prep Method: RSKSOP175M

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
07-3012-01E	Lewis Cr. NP-Well	Groundwater	5/15/07	5/15/07	5/16/07	5/16/07	0.0092	0.00080	1

Comments:

RE

Analyst

[Signature]

Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
H - Sample analysis exceeded analytical holding time
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

* - Value exceeds Maximum Contamination Level(MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.