

WORK ORDER Summary**Evergreen Analytical, Inc.****08-7909**

Rpt To: John Axelson

Email To: john.axelson@state.co.us

10/14/2008 4:25:47 PM

Colorado Oil & Gas Conservation

Commission

9203 E 155th Dr

Brighton, CO 80602

(303) 637-7178

Client Project ID: Job # 200113299

QC Level: LEVEL 1

Comments: Invoice in triplicate 6/30/08 ot 6/30/09. PM

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Test Code	Test Name	Hold	MS	Date Due	Hold Time
08-7909-01A	Injection Well	Groundwater	10/13/08 1253	10/13/08	TEH_W *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	10/16/08	10/20/08
08-7909-01B	Injection Well	Groundwater	10/13/08 1253	10/13/08	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/15/08
08-7909-01C	Injection Well	Groundwater	10/13/08 1253	10/13/08	F_W	Fluoride	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	11/10/08
08-7909-01D	Injection Well	Groundwater	10/13/08 1253	10/13/08	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	4/11/09
08-7909-01D	Injection Well	Groundwater	10/13/08 1253	10/13/08	6020_D *	6020: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	4/11/09
08-7909-01E	Injection Well	Groundwater	10/13/08 1253	10/13/08	TDS_W	Total Dissolved Solids (TDS)	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/20/08
08-7909-02A	Nelson Well	Groundwater	10/13/08 1434	10/13/08	TEH_W *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	10/16/08	10/20/08
08-7909-02B	Nelson Well	Groundwater	10/13/08 1434	10/13/08	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/15/08
08-7909-02C	Nelson Well	Groundwater	10/13/08 1434	10/13/08	F_W	Fluoride	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	11/10/08
08-7909-02D	Nelson Well	Groundwater	10/13/08 1434	10/13/08	6010_D *	6010: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	4/11/09
08-7909-02D	Nelson Well	Groundwater	10/13/08 1434	10/13/08	6020_D *	6020: Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	4/11/09
08-7909-02E	Nelson Well	Groundwater	10/13/08 1434	10/13/08	TDS_W	Total Dissolved Solids (TDS)	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/20/08
08-7909-02F	Nelson Well	Groundwater	10/13/08 1434	10/13/08	SURF	Anionic Surfactants (MBAS)	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/15/08
08-7909-02G	Nelson Well	Groundwater	10/13/08 1434	10/13/08	FCOLMPN	Fecal Coliform MPN	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/14/08
08-7909-02H	Nelson Well	Groundwater	10/13/08 1434	10/13/08	TCOLMPN	Total Coliform MPN	<input type="checkbox"/>	<input type="checkbox"/>	10/27/08	10/14/08

Definitions: * - Test Code has a Select List

08-7909

due 10/27/08

Patty McClellan

From: "Axelson, John" <John.Axelson@state.co.us>
To: "Patty McClellan" <patty@evergreenanalytical.com>
Cc: "Dellaport, John C." <jcdellaport@terracon.com>
Sent: Tuesday, October 14, 2008 8:25 AM
Subject: Nelson Complaint

Hi Patty,

The COGCC has subcontracted Terracon to perform sampling in regard to the Nelson Water well complaint. They will be submitting the samples to Evergreen for analysis. Please invoice the COGCC under our existing PO, and the pdf and hard copy should be sent directly to me.

Please note the Nelson Complaint #200113299 on the related report and invoice. Thanks!

John Axelson, P.G.
Environmental Protection Specialist, Northeast Region
Colorado Oil and Gas Conservation Commission
Phone: 303-637-7178
Cell: 303-877-9964
Fax: 303-637-7179

Evergreen Analytical, Inc.

Date: 29-Oct-08

Lab Order: 08-7909

Client Project ID Job # 200113299

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 5.1 °C.

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

QUALITY ASSURANCE (QA)

Analyses performed on samples in this work order by EAL 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. TP

CLIENT SERVICES

Job number, report to and invoice to instructions received by email from John Axelson, 10/14/08 PM.

The metal and anion analytes were selected per the quotation. There are no other anomalies to report.

EKH

GENERAL CHEMISTRY

The Anion samples had high conductivity and high Chloride levels and needed diluting. This raised the reporting limit for Nitrate-N and Nitrite-N for 08-7909-01 and Nitrite-N for -02. There are no other anomalies to report. JML/MM

METALS ANALYSIS

The matrix spike and matrix spike duplicate (MS/MSD) recoveries for Sodium are outside the QC limits due to the high concentration of Sodium in the sample versus the low concentration of the spike. The Sodium RPD for the matrix spike and matrix spike duplicate (MS/MSD) recoveries is above the QC limits. The laboratory control spike (LCS) recoveries are within QC limits, showing the analysis is in control. There are no other anomalies to report. SS

GAS CHROMATOGRAPHY

Method TEH_W: The method blank (Batch16999) was contaminated, so sample 08-7922-01B was referenced as the batch method blank. There are no other anomalies to report. MDS

Evergreen Analytical, Inc.

4036 Youngfield Street
Wheat Ridge, Colorado 80033-3862
(303) 425-6021
PO Number: 8280

CHAIN-OF-CUSTODY RECORD

WorkOrder: 08-7909

Outside Laboratory:
Industrial Laboratories
4046 Youngfield Street
Wheat Ridge, CO 80033
TEL: (303) 287-9691
FAX: (303) 287-0964
Acct #:

13-Oct-08

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests			
				FCOLMPN	TCOLMPN		
08-7909-02G	Groundwater	10/13/2008 2:34:00 PM	COL	1			
08-7909-02H	Groundwater	10/13/2008 2:34:00 PM	COL		1		

Comments:

Relinquished by:	<i>MCS</i>	Date/Time	10/14/08
Relinquished by:		Date/Time	10/14/08 813
Received by:	<i>J. Perry</i>	Date/Time	10/14/08 813
Received by:		Date/Time	



**Industrial
LABORATORIES**

Industrial Laboratories is your independent,
third-party analytical testing laboratory

To: Evergreen Analytical
4036 Youngfield

Wheat Ridge CO 80033-3862

Attn: Carl Smits

TEST REPORT

EV1601

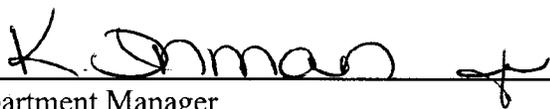
Date Received: 10/14/2008

Date Reported: 10/16/2008

PO Number: 8280

Note: Sample test procedures conform to EPA 40CFR136 requirements.

Lab No.	Sample Description	Test Method	Result	Units	MDL	Analysis Date/By
081014012-01A	08-7909-02G/H 10/13/08	* Fecal Coliform MPN SM 9221 C/E	<2	MPN/100mL		CO 10/14/200
081014012-01A	08-7909-02G/H 10/13/08	* Total Coliforms MPN SM 9221 B	<2	MPN/100mL		CO 10/14/200


Department Manager

* = Scope Analysis

= Subcontracted Analysis

MDL = Method Detection Limit

ND = Not Detected at the Method Detection Limit

Page: 1 of 1

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

Lab Order: 08-7909
 Client Project ID: Job # 200113299
 Matrix: Groundwater
 Date Received: 10/13/08
 Date Prepared: 10/14/08
 Prep Batch ID: 16999
 Units: mg/L

**Total Extractable Hydrocarbons
 Diesel Fuel (No. 2)**

Prep Method: SW3510C

Method: SW8015B Mod

Lab ID	Client Sample ID	File ID	Date Collected	Date Analyzed	DF	Surr REC	Sample Results	LQL
08-7909-01A	Injection Well	FID61014\072R	10/13/08	10/14/08	1	41%	13	3.2
08-7909-02A	Nelson Well	FID61014\073R	10/13/08	10/14/08	1	37%	6.0	3.2
Surrogate QC Limits 35-130 %REC			Surr: TBB					

Analyst

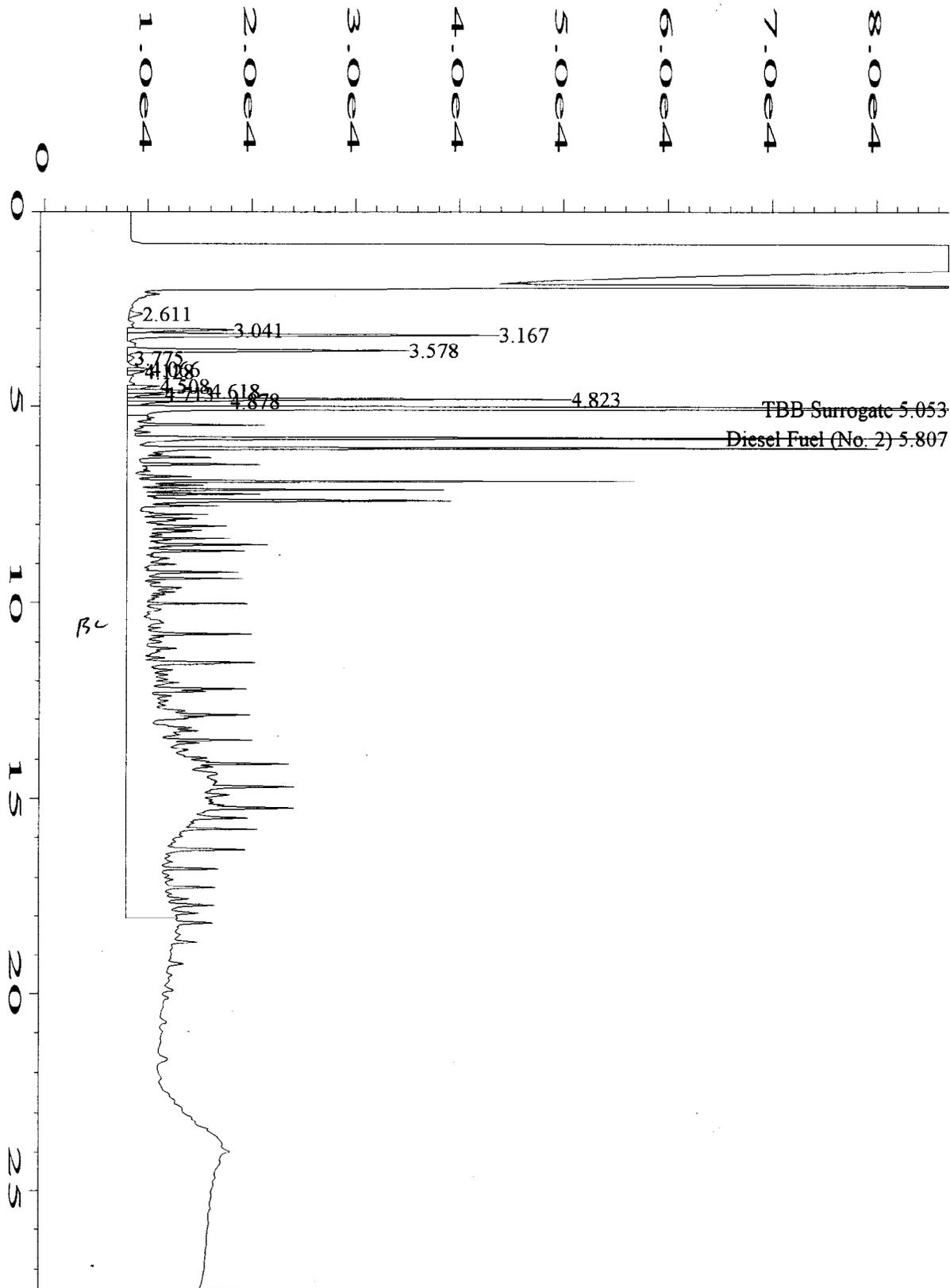
MMS

Approved

[Signature]

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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 X - See case narrative
 * - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit
 Surr - Surrogate

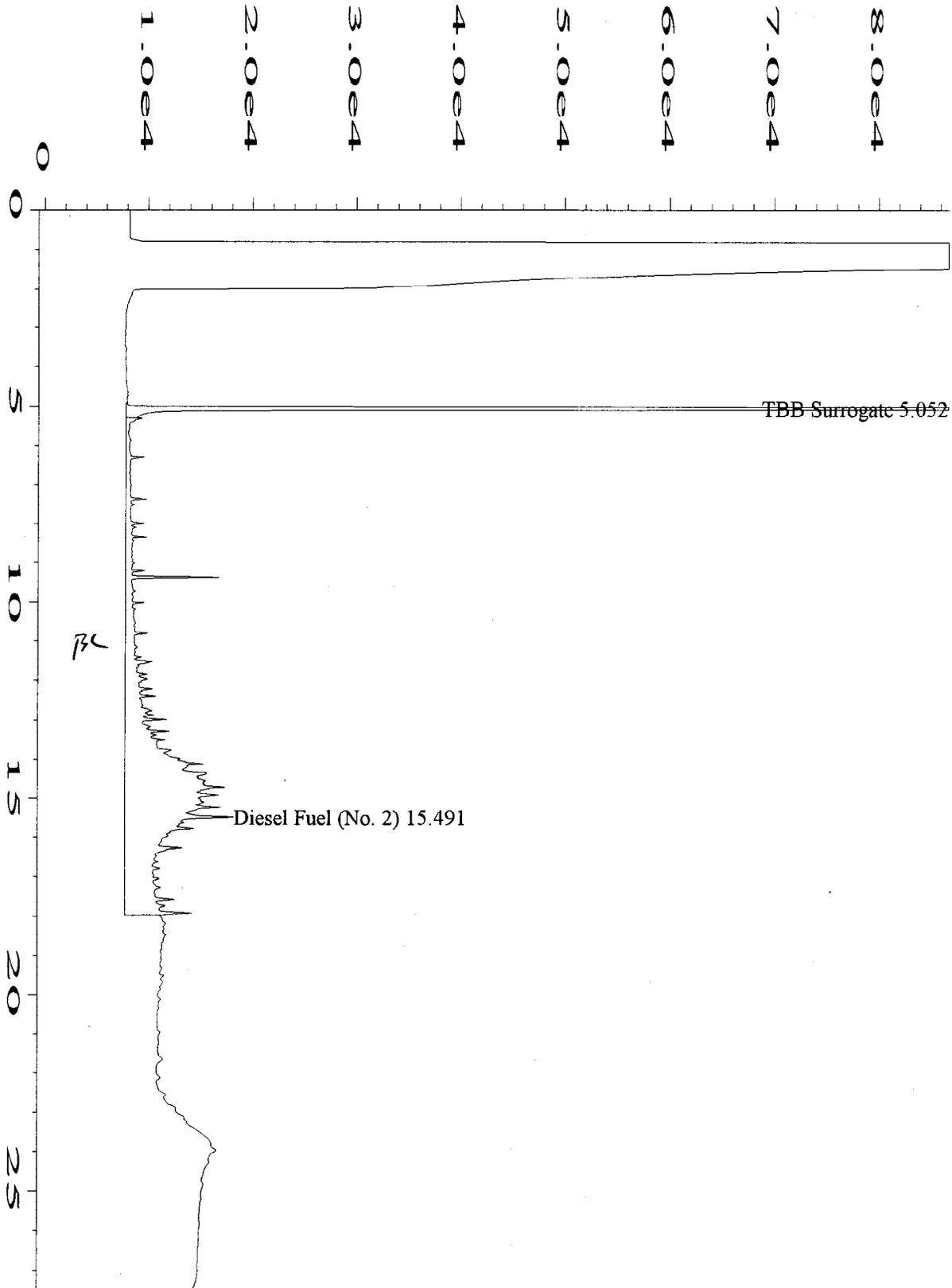


user modified

Data File Name	: C:\HPCHEM\1\DATA\FID61014\072R0101.D	Page Number	: 1
Operator	: Marcus Stephenson	Vial Number	: 72
Instrument	: FID6	Injection Number	: 1
Sample Name	: 08-7909-01A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	DUALFID.MTH
Acquired on	: 14 Oct 08 08:50 PM	Analysis Method	: DR0417.MTH
Report Created on:	15 Oct 08 09:49 AM	Sample Amount	: 0
Last Recalib on	: 18 APR 08 10:01 AM	ISTD Amount	:
Multiplier	: 1		

1x (M) 10-15-08

user modified



Data File Name : C:\HPCHEM\1\DATA\FID61014\073R0101.D
 Operator : Marcus Stephenson Page Number : 1
 Instrument : FID6 Vial Number : 73
 Sample Name : 08-7909-02A Injection Number : 1
 Run Time Bar Code: Sequence Line : 1
 Acquired on : 14 Oct 08 09:23 PM Instrument Method: DUALFID.MTH
 Report Created on: 15 Oct 08 09:51 AM Analysis Method : DR0417.MTH
 Last Recalib on : 18 APR 08 10:01 AM Sample Amount : 0
 Multiplier : 1 ISTD Amount :

12 MS 10-15-08

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

Client Sample ID: Injection Well
Client Project ID: Job # 200113299
Date Collected: 10/13/08 1253
Date Received: 10/13/08

Lab Work Order: 08-7909
Lab Sample ID: 08-7909-01
Sample Matrix: Groundwater

ANIONS BY IC

Method: E300.0

Prep Method:

Date Prepared: 10/14/08
Date Analyzed: 10/14/08 1147

Method Blank: MB 10/14/08

Dilution Factor: 20
Lab Fraction ID: 08-7909-01B

Analytes	CAS Number	Result	LQL	Units
Bromide	7647-15-6	17.6	4.0	mg/L
Nitrate-N		U	0.90	mg/L
Sulfate	7778-80-2	380	10	mg/L

Date Prepared: 10/14/08
Date Analyzed: 10/14/08 1508

Method Blank: MB 10/14/08

Dilution Factor: 100
Lab Fraction ID: 08-7909-01B

Analytes	CAS Number	Result	LQL	Units
Chloride	7647-14-5	3870	50	mg/L
Nitrite-N		U	6.1	mg/L


 Analyst


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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 Sample ID: Nelson Well
Client Project ID: Job # 200113299
Date Collected: 10/13/08 1434
Date Received: 10/13/08

Lab Work Order: 08-7909
Lab Sample ID: 08-7909-02
Sample Matrix: Groundwater

ANIONS BY IC

Method: E300.0

Prep Method:

Date Prepared: 10/14/08
Date Analyzed: 10/14/08 1158

Method Blank: MB 10/14/08

Dilution Factor: 10
Lab Fraction ID: 08-7909-02B

Analytes	CAS Number	Result	LQL	Units
Bromide	7647-15-6	9.93	2.0	mg/L
Nitrate-N		1.73	0.45	mg/L
Sulfate	7778-80-2	43.9	5.0	mg/L

Date Prepared: 10/14/08
Date Analyzed: 10/14/08 1305

Method Blank: MB 10/14/08

Dilution Factor: 100
Lab Fraction ID: 08-7909-02B

Analytes	CAS Number	Result	LQL	Units
Chloride	7647-14-5	2050	50	mg/L
Nitrite-N		U	6.1	mg/L


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Print Date: 10/15/08

Evergreen Analytical, Inc.

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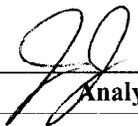
Client Sample ID: Injection Well	Lab Work Order: 08-7909
Client Project ID: Job # 200113299	Lab Sample ID: 08-7909-01
Date Collected: 10/13/08	Sample Matrix: Groundwater
Date Received: 10/13/08	

FLUORIDE

Method: SM 4500-F C	Prep Method:			
Date Prepared: 10/16/08	Lab File ID: 36	Dilution Factor: 1		
Date Analyzed: 10/16/08	Method Blank: MBLK 10/16/08	Lab Fraction ID: 08-7909-01C		
Analytes	CAS Number	Result	LQL	Units
Fluoride	16984-48-8	2.3	0.20	mg/L

TOTAL DISSOLVED SOLIDS (TDS)

Method: SM 2540C	Prep Method:			
Date Prepared: 10/14/08	Lab File ID: 97	Dilution Factor: 1		
Date Analyzed: 10/14/08	Method Blank: MBLK 101408	Lab Fraction ID: 08-7909-01E		
Analytes	CAS Number	Result	LQL	Units
Total Dissolved Solids		9360	10.0	mg/L



Analyst



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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 Sample ID: Nelson Well
 Client Project ID: Job # 200113299
 Date Collected: 10/13/08 1434
 Date Received: 10/13/08

Lab Work Order: 08-7909
 Lab Sample ID: 08-7909-02
 Sample Matrix: Groundwater

FLUORIDE

Method: SM 4500-F C

Prep Method:

Date Prepared: 10/16/08

Lab File ID: 37

Dilution Factor: 1

Date Analyzed: 10/16/08

Method Blank: MBLK 10/16/08

Lab Fraction ID: 08-7909-02C

Analytes	CAS Number	Result	LQL	Units
Fluoride	16984-48-8	0.22	0.20	mg/L

ANIONIC SURFACTANTS (MBAS)

Method: SM5540C

Prep Method:

Comments: Results reported as LAS (MW 342)

Date Prepared: 10/14/08

Lab File ID: 49

Dilution Factor: 1

Date Analyzed: 10/14/08 1000

Method Blank: MBLK 10/14/08

Lab Fraction ID: 08-7909-02F

Analytes	CAS Number	Result	LQL	Units
Surfactants		0.082	0.025	mgMBAS/L

TOTAL DISSOLVED SOLIDS (TDS)

Method: SM 2540C

Prep Method:

Date Prepared: 10/14/08

Lab File ID: 98

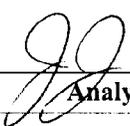
Dilution Factor: 1

Date Analyzed: 10/14/08

Method Blank: MBLK 101408

Lab Fraction ID: 08-7909-02E

Analytes	CAS Number	Result	LQL	Units
Total Dissolved Solids		3840	10.0	mg/L



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 LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 10/21/2008

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

Client Sample ID: Injection Well
Client Project ID: Job # 200113299
Date Collected: 10/13/08
Date Received: 10/13/08

Lab Work Order: 08-7909
Lab Sample ID: 08-7909-01
Sample Matrix: Groundwater

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 10/14/08
Date Analyzed: 10/16/08

Lab File ID: 101608AM
Method Blank: MB-17000

Dilution Factor: 1
Lab Fraction ID: 08-7909-01D

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	12	0.39	mg/L
Iron	7439-89-6	U	0.070	mg/L
Magnesium	7439-95-4	2.5	0.15	mg/L
Manganese	7439-96-5	0.022	0.0050	mg/L
Potassium	7440-09-7	25	0.34	mg/L

Date Prepared: 10/14/08
Date Analyzed: 10/20/08

Lab File ID: 102008AM
Method Blank: MB-17000

Dilution Factor: 10
Lab Fraction ID: 08-7909-01D

Analytes	CAS Number	Result	LQL	Units
Sodium	7440-23-5	3700	4.0	mg/L

DISSOLVED METALS

Method: SW6020

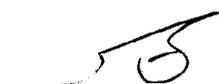
Prep Method: SW6020

Date Prepared: 10/21/08
Date Analyzed: 10/23/08

Lab File ID: 081023A.B\052SMPL.D
Method Blank: MB-17069

Dilution Factor: 1
Lab Fraction ID: 08-7909-01D

Analytes	CAS Number	Result	LQL	Units
Selenium	7782-49-2	0.0068	0.0050	mg/L



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 LQL - Lower Quantitation Limit
 Surr - Surrogate

Print Date: 10/24/2008

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

Client Sample ID: Nelson Well
Client Project ID: Job # 200113299
Date Collected: 10/13/08
Date Received: 10/13/08

Lab Work Order: 08-7909
Lab Sample ID: 08-7909-02
Sample Matrix: Groundwater

DISSOLVED METALS

Method: SW6010B

Prep Method: E200.7/SW3010A

Date Prepared: 10/14/08
Date Analyzed: 10/16/08

Lab File ID: 101608AM
Method Blank: MB-17000

Dilution Factor: 1
Lab Fraction ID: 08-7909-02D

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	660	0.39	mg/L
Iron	7439-89-6	0.17	0.070	mg/L
Magnesium	7439-95-4	230	0.15	mg/L
Manganese	7439-96-5	0.023	0.0050	mg/L
Potassium	7440-09-7	36	0.34	mg/L
Sodium	7440-23-5	200	0.40	mg/L

DISSOLVED METALS

Method: SW6020

Prep Method: SW6020

Date Prepared: 10/21/08
Date Analyzed: 10/23/08

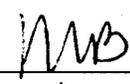
Lab File ID: 081023A.B\053SMPL.D
Method Blank: MB-17069

Dilution Factor: 1
Lab Fraction ID: 08-7909-02D

Analytes	CAS Number	Result	LQL	Units
Selenium	7782-49-2	0.012	0.0050	mg/L



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QUALITY ASSURANCE REPORTS

METHOD BLANKS (MB)

LABORATORY CONTROL SPIKES (LCS)

MATRIX SPIKES (MS/MSD)*

DUPLICATES (DUP)*

♦ For Metals or Wet Chemistry analyses: only included if requested.

Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

BatchID: 16999

Sample ID: 08-7922-01B	SampType: MBLK	TestCode: TEH_W	Run ID: FID6_081014A	Prep Date: 10/14/08	Units: mg/L
Batch ID: 16999	TestNo: SW8015B Mo	FieldID: FID610141075R	Analysis Date: 10/14/08	SeqNo: 756827	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Diesel Fuel (No. 2) U 3.2
 Surr: TBB 8.042 0 16 0 50.3 35 130 0 0

Sample ID: LCS-16999	SampType: LCS	TestCode: TEH_W	Run ID: FID6_081014A	Prep Date: 10/14/08	Units: mg/L
Batch ID: 16999	TestNo: SW8015B Mo	FieldID: FID610141070R	Analysis Date: 10/14/08	SeqNo: 756820	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Diesel Fuel (No. 2) 17.38 0.40 20 0 86.9 70 130 0 0
 Surr: TBB 0.8548 0 2 0 42.7 35 130 0 0

Sample ID: LCSD-16999	SampType: LCSD	TestCode: TEH_W	Run ID: FID6_081014A	Prep Date: 10/14/08	Units: mg/L
Batch ID: 16999	TestNo: SW8015B Mo	FieldID: FID610141071R	Analysis Date: 10/14/08	SeqNo: 756826	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Diesel Fuel (No. 2) 16.37 0.40 20 0 81.8 70 130 17.38 6.00 30
 Surr: TBB 0.8085 0 2 0 40.4 35 130 0 0

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

TestNo: E300.0

Sample ID: MB 10/14/08	SampType: MBLK	TestCode: ANIONS_W	Run ID: IC-DX120_081014A	Prep Date: 10/14/08	Units: mg/L
Batch ID: R42769	TestNo: E300.0	Field:	Analysis Date: 10/14/08	SeqNo: 756951	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	0	0.50			
Nitrite-N	0	0.0040			
Bromide	0	0.050			
Nitrate-N	0	0.010			
Sulfate	0	0.50			

Sample ID: LCS ALLT218076	SampType: LCS	TestCode: ANIONS_W	Run ID: IC-DX120_081014A	Prep Date: 10/14/08	Units: mg/L
Batch ID: R42769	TestNo: E300.0	Field:	Analysis Date: 10/14/08	SeqNo: 756950	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride	18.59	2.5	20	0	93	90	110	0	0
Nitrite-N	6.035	0.020	6.09	0	99.1	90	110	0	0
Bromide	19.37	0.25	20	0	96.9	90	110	0	0
Nitrate-N	4.242	0.050	4.518	0	93.9	90	110	0	0
Sulfate	28.88	2.5	30	0	96.3	90	110	0	0

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

TestCode: F_W

Sample ID	MBLK 10/16/08	SamplType: MBLK	TestCode: F_W	Run ID: F_081016A	Prep Date: 10/16/2008	Units: mg/L
	Batch ID: R42800		TestNo: SM 4500-F C	FieldID: 1	Analysis Date: 10/16/2008	SeqNo: 757500
Analyte		Result	LQL	SPK value	SPK Ref Val	%REC
Fluoride		U	0.20			

Sample ID	MBLK 10/16/08	SamplType: MBLK	TestCode: F_W	Run ID: F_081016A	Prep Date: 10/16/2008	Units: mg/L
	Batch ID: R42800		TestNo: SM 4500-F C	FieldID: 26	Analysis Date: 10/16/2008	SeqNo: 757525
Analyte		Result	LQL	SPK value	SPK Ref Val	%REC
Fluoride		U	0.20			

Sample ID	LCS	SamplType: LCS	TestCode: F_W	Run ID: F_081016A	Prep Date: 10/16/2008	Units: mg/L
	Batch ID: R42800		TestNo: SM 4500-F C	FieldID: 2	Analysis Date: 10/16/2008	SeqNo: 757501
Analyte		Result	LQL	SPK value	SPK Ref Val	%REC
Fluoride		10.19	0.20	10	0	102
						95
						105
						0

Sample ID	LCS	SamplType: LCS	TestCode: F_W	Run ID: F_081016A	Prep Date: 10/16/2008	Units: mg/L
	Batch ID: R42800		TestNo: SM 4500-F C	FieldID: 27	Analysis Date: 10/16/2008	SeqNo: 757526
Analyte		Result	LQL	SPK value	SPK Ref Val	%REC
Fluoride		10.36	0.20	10	0	104
						95
						105
						0

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS_W

Sample ID	MBLK 101408	SamplType:	MBLK	TestCode:	TDS_W	Run ID:	ANALYTICAL BALANCE_081015C	Prep Date:	10/14/2008	Units:	mg/L		
		Batch ID:	R42776	TestNo:	SM 2540C	FileID:	73	Analysis Date:	10/14/2008	SeqNo:	757029		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids U 10.0

Sample ID	LCS	SamplType:	LCS	TestCode:	TDS_W	Run ID:	ANALYTICAL BALANCE_081015C	Prep Date:	10/14/2008	Units:	mg/L		
		Batch ID:	R42776	TestNo:	SM 2540C	FileID:	74	Analysis Date:	10/14/2008	SeqNo:	757030		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids 410 10.0 400 0 103 90 110 0 0

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

TestCode: SURF

Sample ID	MBLK 10/14/08	SampType: MBLK	TestCode: SURF	Run ID: SPEC GEN 10_081014A	Prep Date: 10/14/2008	Units: mgMBAS/L					
	Batch ID: R42707	TestNo: SM5540C	FileID: 47	Analysis Date: 10/14/2008	SeqNo: 758642						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surfactants U 0.025

Sample ID	LCS	SampType: LCS	TestCode: SURF	Run ID: SPEC GEN 10_081014A	Prep Date: 10/14/2008	Units: mgMBAS/L					
	Batch ID: R42707	TestNo: SM5540C	FileID: 48	Analysis Date: 10/14/2008	SeqNo: 758643						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surfactants 0.167 0.025 0.15 0 111 70 130 0 0

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT
 BatchID: 17000

Sample ID: MB-17000	Sample Type: MBLK	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_081016A	Prep Date: 10/14/2008	Units: mg/L						
	Batch ID: 17000	TestNo: E200.7, Rev.	FileID: 101608AM	Analysis Date: 10/16/2008	SeqNo: 757422						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	0	0.387									
Iron	0	0.0700									
Magnesium	0	0.150									
Manganese	0	0.00500									
Potassium	0	0.340									
Sodium	U	0.400									

Sample ID: LCS-17000	Sample Type: LCS	TestCode: 200.7_D	Run ID: ICP-OPTIMA 5300 DV_081016A	Prep Date: 10/14/2008	Units: mg/L						
	Batch ID: 17000	TestNo: E200.7, Rev.	FileID: 101608AM	Analysis Date: 10/16/2008	SeqNo: 757423						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	9.923	0.387	10	0	99.2	74	113	0	0	0	
Iron	4.921	0.0700	5	0	98.4	76.6	115	0	0	0	
Magnesium	9.852	0.150	10	0	98.5	76.7	114	0	0	0	
Manganese	1.922	0.00500	2	0	96.1	72.4	109	0	0	0	
Potassium	10.01	0.340	10	0	100	70.9	115	0	0	0	
Sodium	10.18	0.400	10	0.2601	102	80	120	0	0	0	

Sample ID: 08-7909-01DMS	Sample Type: MS	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_081016A	Prep Date: 10/14/2008	Units: mg/L						
Client ID: Injection Well	Batch ID: 17000	TestNo: SW6010B	FileID: 101608AM	Analysis Date: 10/16/2008	SeqNo: 757749						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	23.53	0.48	12.5	12.25	90.2	75	125	0	0	0	
Iron	5.491	0.088	6.25	0.05725	87.9	75	125	0	0	0	
Magnesium	13.2	0.19	12.5	2.525	85.4	75	125	0	0	0	
Manganese	2.128	0.0063	2.5	0.0218	84.3	75	125	0	0	0	
Potassium	40.39	0.43	12.5	25.33	120	75	125	0	0	0	

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Work Order: 08-7909
 Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

BatchID: 17000

Sample ID: 08-7909-01AAMS	SamprType: MS	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_081020A	Prep Date:	Units: mg/L						
Client ID: Injection Well	Batch ID: 17000	TestNo: SW6010B	FileID: 102008AM	Analysis Date: 10/21/2008	SeqNo: 758901						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	3925	4.0	10	3956	-309	75	125	0	0		S

Sample ID: 08-7909-01DMSD	SamprType: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_081016A	Prep Date: 10/14/2008	Units: mg/L						
Client ID: Injection Well	Batch ID: 17000	TestNo: SW6010B	FileID: 101608AM	Analysis Date: 10/16/2008	SeqNo: 757750						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	23.36	0.48	12.5	12.25	88.8	75	125	23.53	0.757	20	
Iron	5.361	0.088	6.25	0.05725	85.8	75	125	5.491	2.40	20	
Magnesium	13.01	0.19	12.5	2.525	83.9	75	125	13.2	1.44	20	
Manganese	2.082	0.0063	2.5	0.0218	82.4	75	125	2.128	2.19	20	
Potassium	39.99	0.43	12.5	25.33	117	75	125	40.39	1.01	20	

Sample ID: 08-7909-01AAMS	SamprType: MSD	TestCode: 6010_D	Run ID: ICP-OPTIMA 5300 DV_081020A	Prep Date:	Units: mg/L						
Client ID: Injection Well	Batch ID: 17000	TestNo: SW6010B	FileID: 102008AM	Analysis Date: 10/21/2008	SeqNo: 758902						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	3006	4.0	10	3956	-9500	75	125	3925	26.5	20	SR

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Evergreen Analytical, Inc.

Date: 29-Oct-08

Work Order: 08-7909

Client Project ID: Job # 200113299

ANALYTICAL QC SUMMARY REPORT

TestCode: 6020_D

Sample ID	MB-17069	SampleType:	MBLK	TestCode:	6020_D	Run ID:	ICPMS_081023A	Prep Date:	10/21/2008	Units:	mg/L		
		Batch ID:	17069	TestNo:	SW6020	FileID:	081023A.B1020SMPL.D	Analysis Date:	10/23/2008	SeqNo:	760951		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium			U		0.0050								

Sample ID	LCS-17069	SampleType:	LCS	TestCode:	6020_D	Run ID:	ICPMS_081023A	Prep Date:	10/21/2008	Units:	mg/L		
		Batch ID:	17069	TestNo:	SW6020	FileID:	081023A.B1021SMPL.D	Analysis Date:	10/23/2008	SeqNo:	760952		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium					0.06465		0.06	108	73.4	138	0	0	

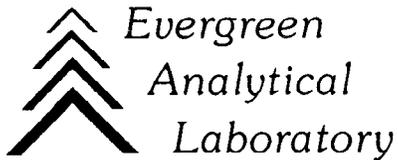
Sample ID	08-8073-06CMS	SampleType:	MS	TestCode:	6020_D	Run ID:	ICPMS_081023A	Prep Date:	10/21/2008	Units:	mg/L		
		Batch ID:	17069	TestNo:	SW6020	FileID:	081023A.B1025SMPL.D	Analysis Date:	10/23/2008	SeqNo:	760955		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium					0.04262		0.04	107	75	125	0	0	

Sample ID	08-8073-06CMS	SampleType:	MSD	TestCode:	6020_D	Run ID:	ICPMS_081023A	Prep Date:	10/21/2008	Units:	mg/L		
		Batch ID:	17069	TestNo:	SW6020	FileID:	081023A.B1026SMPL.D	Analysis Date:	10/23/2008	SeqNo:	760956		
Analyte		Result		LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium					0.04409		0.0050	102	75	125	0.04262	4.11	20

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October 29, 2008

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

Lab Work Order: 08-7909
Client Project ID: Job # 200113299

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 44 days from the sample receipt date. 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".

Kaprie Hollman/Carl Smits
Quality Assurance
khollman@evergreenanalytical.com