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OCT 20 03

COGCC



October 16, 2003

Randall Ferguson
Colorado Oil & Gas Conservation Comm.
1120 Lincoln St #801
Denver, CO 80203

Lab Work Order: 03-6105
Client Project ID: KOENIG-ASHBY #1

Dear Randall Ferguson:

Enclosed are the analytical results and invoice for the samples shown in the Laboratory Work Order Summary.

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 black ink that reads "Mark N. Workland". Below the signature, the word "for" is written in a cursive script.

Carl Smits
Technical Director of Chemical Analysis

WORK ORDER Summary

Evergreen Analytical, Inc.

03-6105

Rpt To: Randall Ferguson
Colorado Oil & Gas Conservation Comm.
1120 Lincoln St #801
Denver, CO 80203-
(303) 894-2100

Fax To: Randall Ferguson
FX: (303) 894-2109 PH: (303) 894-2100

Client Project ID: KOENIG-ASHBY #1
QC Level: Level I

Comments:

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Storage	Test Code	Test Name	Hold MS	Date Due	Hold Time
03-6105-01A	Discharge Area SS-1	Soil	10/1/03	10/2/03	CL3	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	10/16/03	3/29/04
03-6105-01A	Discharge Area SS-1	Soil	10/1/03	10/2/03	CL3	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	10/16/03	10/29/03
03-6105-01A	Discharge Area SS-1	Soil	10/1/03	10/2/03	CL3	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	10/16/03	3/29/04
03-6105-01B	Discharge Area SS-1	Soil	10/1/03	10/2/03	CL3	PH_S	pH	<input type="checkbox"/>	10/16/03	10/29/03

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Report Results by: _____ (Date)*

all information:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Handwritten Signature</i>	10/2/03	<i>Handwritten Signature</i>	10/2/03				
	12:30 PM		12:20				

Evergreen Analytical, Inc.

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Date: 17-Oct-03

Lab Order: 03-6105

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Client Project ID KOENIG-ASHBY #1

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CASE NARRATIVE

SAMPLE RECEIVING

Samples were received in good condition within method specified holding times.

Samples were hand delivered to the laboratory by the client.

Samples did not require preservation.

The temperature of the sample(s) upon arrival was 6° C. NJO

CLIENT SERVICES

There are no anomalies to report. MNW

GENERAL CHEMISTRY

There are no anomalies to report. MM

METALS ANALYSIS

There are no anomalies to report. WKH

53
4

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

Client Sample ID: Discharge Area SS-1
Client Project ID: KOENIG-ASHBY #1
Date Collected: 10/1/03
Date Received: 10/2/03

Lab Work Order: 03-6105
Lab Sample ID: 03-6105-01
Sample Matrix: Soil

Method: SW6010

6010 DISSOLVED METALS, WATER

Date Prepared: 10/8/03

Dilution Factor: 1

Date Analyzed: 10/9/03

Method Blank: MB-2991

Lab Fraction ID: 03-6105-01A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	39	1.9	mg/L
Magnesium	7439-95-4	9.9	0.75	mg/L
Sodium	7440-23-5	1500	2.0	mg/L

Method: USDA

SODIUM ADSORPTION RATIO, SOIL

Date Prepared: 10/8/03

Dilution Factor: 1

Date Analyzed: 10/9/03

Lab Fraction ID: 03-6105-01A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		56	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
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)

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

Print Date: 10/13/03

Evergreen Analytical, Inc.

Date: 13-Oct-03

Work Order: 03-6105
 Client Project ID: KOENIG-ASHBY #1

ANALYTICAL QC SUMMARY REPORT

BatchID: 2991

Sample ID: MB-2991	SampType: MBLK	TestCode: 200.7_T	Run ID: ICP_031008C	Prep Date: 10/8/03	Units: mg/L						
	Batch ID: 2991	TestNo: E200.7	FileID:	Analysis Date: 10/9/03	SeqNo: 121743						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Calcium	U	0.39									
Magnesium	0	0.15									
Sodium	U	0.40									

Sample ID: LCS-2991	SampType: LCS	TestCode: 200.7_T	Run ID: ICP_031008C	Prep Date: 10/8/03	Units: mg/L						
	Batch ID: 2991	TestNo: E200.7	FileID:	Analysis Date: 10/9/03	SeqNo: 121744						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Calcium	8.763	0.39	10	0.07067	87.6	75	125	0	0		
Magnesium	9.356	0.15	10	0	93.6	75	125	0	0		
Sodium	22.47	0.40	30	0.1388	74.9	75	125	0	0		

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Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 H - Sample exceeded analytical holding time

Print Date: 10/13/03

CS
CT

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

Client Sample ID: Discharge Area SS-1
Client Project ID: KOENIG-ASHBY #1
Date Collected: 10/1/2003
Date Received: 10/2/2003

Lab Work Order 03-6105
Lab Sample ID: 03-6105-01
Sample Matrix: Soil

Method: DEPT OF AG.

SPECIFIC CONDUCTANCE @ 25°C

Date Prepared: 10/6/2003
Date Analyzed: 10/8/2003

Dilution Factor: 1
Lab Fraction ID: 03-6105-01A

Analytes	CAS Number	Result	LQL	Units
Specific Conductance		6930	1.00	µmhos/cm

Comments: Method :US Dept. of Ag, Handbook #60, p89

Method: SW9045C

PH

Date Prepared: 10/14/2003
Date Analyzed: 10/14/2003

Dilution Factor: 1
Lab Fraction ID: 03-6105-01B

Analytes	CAS Number	Result	LQL	Units
pH		8.88	1.00	pH Units

Comments:

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R.P. Musick

Analyst

[Signature]

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
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)

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

Print Date: 10/15/2003

Evergreen Analytical Laboratory



4036 Youngfield Street
Wheat Ridge, CO 80033-3862

(303) 425-6021
FAX (303) 425-6854

INVOICE

03100412

Invoice Date: October 17, 2003

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Invoice To: Colorado Oil & Gas Conservation Comm.
1120 Lincoln St #801
Denver, CO 80203-

Attn:
Phone: (303) 894-2100

Client Project ID: KOENIG-ASHBY #1

Work Order: 03-6105

QuoteID:

Date Samples Received: 10/2/03

PO Number:

Item	Matrix	Qty	Unit Price	Unit Surcharge	Total Unit Price	Extended Price
pH	Soil	1	\$20.00	0%	\$20.00	\$20.00
Sodium Absorption Ratio for Soils	Soil	1	\$116.00	0%	\$116.00	\$116.00
Specific Conductance @ 25°C	Soil	1	\$20.00	0%	\$20.00	\$20.00

Gulf Oil Corp
05-075-06214
Project Koenig-Ashby #1

Operator _____
(Bond Claim)

ERF \$ 156 —

Bond \$ _____

Comments:

Sub total: \$156.00
Surcharge: 0.00%
Discount: 0.00%
Misc: \$0.00

Invoice Total **\$156.00**

Prepayment: \$0.00

Balance Due: **\$156.00**

**-Original Invoice-
Forward to
Accounts Payable**

I HEREBY CERTIFY THAT I HAVE RECEIVED THE
ARTICLES LISTED ABOVE, THAT I HAVE CAREFULLY
INSPECTED, WEIGHTED, COUNTED OR MEASURED THE
COMMODITIES AND FOUND THEM IN GOOD CONDITION
AND COMPLYING WITH THE SPECIFICATIONS GIVEN
OR THAT THE SERVICES WERE SATISFACTORY, EXCEPT
AS NOTED.

SIGNATURE

10/21/03

FEIN

84-0906043

WE ARE AN EQUAL OPPORTUNITY EMPLOYER

TERMS

NET 30 Days. A 1.5% service charge will be added to all past due accounts.
THANK YOU FOR YOUR BUSINESS

1 of 1

