

Additional Information

Notice and Water Analysis

McMillan, Michael, EMNRD

From: McMillan, Michael, EMNRD
Sent: Thursday, April 25, 2019 11:00 AM
To: 'joel@lowryenvironmental.com'
Subject: LilyStream Water Solutions, LLC Lucas SWD Well No. 1

Joel:
Your application for the LilyStream Water Solutions, LLC Lucas SWD Well No. 1 was received April 24, 2019. However, your proof of mailing does not definitively show that the affected parties were mailed.

You show that the affected parties were mailed an application, but there is no verification in terms of tracking number that they were actually mailed the application. Also, the green cards do not list the names of the affected parties.

You must provide definitive proof that shows the affected parties received notification.

Also, you must send an application to the BLM

As a result, your application is suspended.

Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us

McMillan, Michael, EMNRD

From: Joel Lowry <joel@lowryenvironmental.com>
Sent: Monday, May 20, 2019 5:29 AM
To: McMillan, Michael, EMNRD
Subject: [EXT] LilyStream Water Solutions - Lucas SWD #1, Lucas SWD #2, Lucas SWD #3, Bounds SWD #1 and Bounds SWD #3 - Proof of Notice + Applicable Laboratory Analysis
Attachments: LilyStream - Lucas SWD #3.pdf; LilyStream - Bounds SWD #1.pdf; LilyStream - Bounds SWD #3.pdf; LilyStream - Lucas SWD #1.pdf; LilyStream - Lucas SWD #2.pdf

Mr. McMillan,

Please find attached Proof of Notice Documentation along with Laboratory Analytical Documentation for the C-108 applications that were submitted over the last several weeks. I apologize for having not included the certified mail numbers on the original submissions.

Respectfully,

Joel Lowry
Environmental Professional

LOWRY
environmental

PO Box 896
Lovington, NM 88260
Direct 432-466-4450

Lucas SWD #1

The content of this email may be confidential and/or privileged. If you are not the intended recipient, or an authorized representative of the intended recipient, please notify Lowry Environmental and delete this email from your system at your earliest convenience. Dissemination or copying of this email, its content or its attachments is prohibited.

XIV. PROOF OF NOTICE

Surface Owner:

Berry and Janice Lucas, husband and
P.O. Box 96
White City, NM 88268
7017 0660 0000 2489 3812

Leasehold Operators and/or unleased Mineral Owners within a One-Mile Radius:

EOG M Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
7017 2620 0001 0352 0697

EOG Y Resources, Inc.
105 S 4th St.
Artesia, NM 88210
7018 3090 0002 1929 6791

EOG A Resources, Inc.
105 S. 4th St.
Artesia, NM 88210
7017 2620 0001 0352 0680

Oxy Y-1 Company
P.O. Box 27570
Houston, TX 77227
7017 2620 0001 0352 0673

COG Operating LLC
600 W. Illinois Ave
Midland, TX 79701
7017 0660 0000 2489 3799

JKM Energy, LLC
26 E. Compress Road
Artesia, NM 88210
7017 2620 0001 0666

Cimarex Energy Co.
600 N. Marienfeld Street, Suite 600
Midland, TX 79701
7017 0660 0000 2489 3881

Cimarex Energy Co. of Colorado
600 N. Marienfeld Street, Suite 600
Midland, TX 79701
7017 0660 0000 2489 3805

Tap Rock Operating, LLC
602 Park Point Drive Suite 200
Golden, CO 80401
7017 0660 0000 2489 3867

Concho Oil & Gas LLC
600 W. Illinois Ave
Midland, TX 79701
7017 0660 0000 2489 3874

Hanagan, Robert W
223 West Wall #301
Midland, TX 79702
7017 0660 0000 2489 3898

French L R Jr
P.O. Box 11327
Midland, TX 79701
7017 0660 0000 2489 3850

Cabal Energy Corp
415 W. Wall St STE 1700
Midland, TX 79701
7017 0660 0000 2489 3836

XTO Holdings LLC
810 Houston St
Fort Worth, TX 76102
7017 0660 0000 2489 3843

XIV. PROOF OF NOTICE

Regulatory Agency:

NMOCD - Santa Fe
1220 S. St. Francis Dr.
Santa Fe, NM 87505

NMOCD - District 2
811 S. First
Artesia, NM 88210
7017 0660 0000 2489 3829



April 15, 2019

JOEL LOWRY

LOWRY ENVIROMENTAL & ASSOCIATES

PO BOX 296

LOVINGTON, NM 88260

RE: LUCAS SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/08/19 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 LOWRY ENVIROMENTAL & ASSOCIATES
 JOEL LOWRY
 PO BOX 296
 LOVINGTON NM, 88260
 Fax To:

 Received: 04/08/2019
 Reported: 04/15/2019
 Project Name: LUCAS SWD
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

 Sampling Date: 04/08/2019
 Sampling Type: Water
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 2101 (H901273-01)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	44.0	4.00	04/11/2019	ND	104	104	100	3.92		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2010	5.00	04/15/2019	ND	506	96.0	527	2.08		

Sample ID: 0201 (H901273-02)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	36.0	4.00	04/11/2019	ND	104	104	100	3.92		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2360	5.00	04/15/2019	ND	506	96.0	527	2.08		

Sample ID: 2201 (H901273-03)

Chloride, SM4500Cl-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	252	4.00	04/11/2019	ND	104	104	100	3.92		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	4650	5.00	04/15/2019	ND	506	96.0	527	2.08		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



April 26, 2019

JOEL LOWRY

LOWRY ENVIROMENTAL & ASSOCIATES

PO BOX 296

LOVINGTON, NM 88260

RE: LUCAS RANCH

Enclosed are the results of analyses for samples received by the laboratory on 04/18/19 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 LOWRY ENVIROMENTAL & ASSOCIATES
 JOEL LOWRY
 PO BOX 296
 LOVINGTON NM, 88260
 Fax To:

 Received: 04/18/2019
 Reported: 04/26/2019
 Project Name: LUCAS RANCH
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

 Sampling Date: 04/16/2019
 Sampling Type: Water
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: LUCAS HOUSE (H901418-01)

Chloride, SM4500CI-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	28.0	4.00	04/22/2019	ND	104	104	100	0.00		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	1520	5.00	04/24/2019	ND	558	106	527	18.3		

Sample ID: LUCAS #1-1 (H901418-02)

Chloride, SM4500CI-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	28.0	4.00	04/22/2019	ND	104	104	100	0.00		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2280	5.00	04/24/2019	ND	558	106	527	18.3		

Sample ID: LUCAS #2-1 (H901418-03)

Chloride, SM4500CI-B		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	84.0	4.00	04/22/2019	ND	104	104	100	0.00		
TDS 160.1		mg/L		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TDS*	2700	5.00	04/24/2019	ND	558	106	527	18.3		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

