P.O. BOX 33695

DENVER, COLORADO 80233-0695

303-452-6111

January 21, 2020

VIA Electronic Mail: Janet.binns@state.co.us

Ms. Janet Binns Division of Reclamation, Mining, & Safety Coal Program Support Staff 1313 Sherman Street, RM 215 Denver, Colorado 80203

RE: Fourth Quarter 2019 Discharge Monitoring Report Submittal

CDPS Permit #COG-850062

Elk Ridge Mining and Reclamation, LLC, New Horizon North Mine

DRMS Mine Permit #C-2010-089

Dear Ms. Binns:

Enclosed are the Discharge Monitoring Reports (DMR) for the Elk Ridge Mining and Reclamation, LLC (Elk Ridge) New Horizon North Mine CDPS Permit No. COG-850062 for the fourth quarter of 2019. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent to Western Fuels – Colorado. The enclosed fourth quarter DMRs were submitted electronically through the EPA's NetDMR program.

If you have any questions about the enclosed reports, please contact Darlene Crosby at 303-254-3055.

Sincerely,

Daniel J. Casiraro Senior Manager

**Environmental Services** 

Saviel & Casino

DJC:DC:der

Enclosure

Chantell Johnson (via email) cc:

Darlene Crosby (via email)

From: <a href="mailto:netdmr-notification@epa.gov">netdmr-notification@epa.gov</a>

To: <u>Crosby, Darlene; Johnson, Chantell; Walz, Barbara</u>

Subject: [EXTERNAL] NetDMR DMR(s) Submittal Passed for: COG850062

**Date:** Friday, January 24, 2020 11:32:29 AM

\*\*\*\* This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*\*

The following signed 3 DMR(s) were submitted to EPA and were successfully processed:

CDX Transaction ID: \_4c2b73d6-b080-483b-8556-4a42cac4ac71

User ID: BARBARAWALZ1 Timestamp: 01/24/2020 11:09:11

\_\_\_\_\_

Permitted Facility Name: NEW HORIZON NORTH MINE

Permit ID: COG850062 Permitted Feature: 001

Discharge: A - Discharge to Tuttle Draw Monitoring Period End Date: 12/31/19

\_\_\_\_\_

Permitted Facility Name: NEW HORIZON NORTH MINE

Permit ID: COG850062 Permitted Feature: 002

Discharge: A - Discharge to Coal Canyon Monitoring Period End Date: 12/31/19

-----

Permitted Facility Name: NEW HORIZON NORTH MINE

Permit ID: COG850062 Permitted Feature: 003

Discharge: A - Discharge to Coal Canyon Monitoring Period End Date: 12/31/19

Thank you.

OFFICIAL NOTIFICATION -- message sent AUTOMATICALLY by Production-NetDMR the official discharge monitoring report (DMR) data reporting environment used for compliance with both the Federal Clean Water Act and the Colorado Pollutant Discharge Elimination permit requirements to submit discharge data electronically

## **DMR Copy of Record**

Permit	
I CITIII	

COG850062 Permit #:

Permittee: Elk Ridge Mining and Reclamation LLC

No Major:

Permittee Address: PO Box 33695

**Facility Location:** 2600 RD AND AA RD

Facility:

**Permitted Feature:** 001

MONTROSE COUNTY, CO 81424

NEW HORIZON NORTH MINE

External Outfall

Walz

001-A Discharge to Tuttle Draw

Denver, CO 80233-0695

Report Dates & Status

**Monitoring Period:** From 10/01/19 to 12/31/19 DMR Due Date: 01/28/20

Status: **NetDMR Validated** 

**Considerations for Form Completion** 

Settleable solids limit waived for 10-yr, 24 hr precip event subject to burden of proof requirements in Part I.B.6. Any additional data shall be supplied to the division within 48 hours.

Title:

Discharge:

Principal Executive Officer

First Name: Barbara SVP, Policy and Compliance, CCO

Telephone:

303-452-6111

No Data Indicator (NODI)

Last Name:

Form NODI:

Parameter	Monitoring Location Season # Param. NOD					Qı	uantity or Loa	ading		Quality or Concentration							# of Ex. Frequency of A	Frequency of Analysis	Sample Typ
Code Name			Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier	1 Value 1	Qualifier	2 Value 2	Qualifier 3	Value 3	Units					
				Sample															
0400 pH	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAE
				Value NODI							C - No Discharg	е			C - No Discharge				
				Sample															
0530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAE
				Value NODI									C - No Discharge		C - No Discharge				
00545 Solids, settleable 1 - Effluent Gross 0				Sample															
	1 - Effluent Gross	0		Permit Req.									Req Mon 30DA AVO	G <=	0.5 DAILY MX	25 - mL/L	-	02/30 - Twice Per Month	GR - GRAE
			Value NODI									C - No Discharge		C - No Discharge					
				Sample															
1045 Iron, total [as Fe] 1 -	1 - Effluent Gross	0		Permit Req.								<=	3.0 30DA AVG	<=	6.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAE
				Value NODI									C - No Discharge		C - No Discharge				
				Sample															
3582 Oil and grease	1 - Effluent Gross	0		Permit Req.										<=	10.0 INST MAX	19 - mg/L	-	77/77 - Contingent	GR - GRAE
				Value NODI											C - No Discharge				
				Sample															
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	Red	Mon 30DA AVG	3 I	Req Mon DAILY MX 03	3 - MGD									02/30 - Twice Per Month	IN - INSTAI
				Value NODI	C -	No Discharge		C - No Discharge											
				Sample															
1066 Oil and grease visual	1 - Effluent Gross	0		Permit Req.			F	Req Mon INST MAX 9I	P - N=0;Y=1									02/30 - Twice Per Month	VI - VISUAL
				<b>Value NODI</b>				C - No Discharge											

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

Elk Ridge Mining and Reclamation LLC

dcrosby@tristategt.org User: Name: Darlene Crosby E-Mail: dcrosby@tristategt.org

Date/Time: 2020-01-03 08:42 (Time Zone: -07:00)

Report Last Signed By

User: BARBARAWALZ1 Barbara Walz Name: E-Mail: bwalz@tristategt.org

Date/Time: 2020-01-24 09:09 (Time Zone: -07:00)

## **DMR Copy of Record**

Permit	
I CITIII	

COG850062 Permit #:

Permittee: Elk Ridge Mining and Reclamation LLC

PO Box 33695 Permittee Address:

**Facility Location:** 

Facility:

Telephone:

NEW HORIZON NORTH MINE

Major:

No

Walz

Denver, CO 80233-0695

2600 RD AND AA RD MONTROSE COUNTY, CO 81424

**Permitted Feature:** 

002 External Outfall Discharge: 002-A

Discharge to Coal Canyon

Report Dates & Status

**Monitoring Period:** From 10/01/19 to 12/31/19 DMR Due Date: 01/28/20

Status: **NetDMR Validated** 

**Considerations for Form Completion** 

Settleable solids limit waived for 10-yr, 24 hr precip event subject to burden of proof requirements in Part I.B.6. Any additional data shall be supplied to the division within 48 hours.

Title:

Principal Executive Officer

First Name: Barbara SVP, Policy and Compliance, CCO

303-452-6111

No Data Indicator (NODI)

Last Name:

Form NODI:

Parameter	Monitoring Location Season # Param. NODI					Qı	uantity or Lo	pading		Quality or Concentration							# of Ex.	<ul><li>Frequency of Analysis</li></ul>	s Sample Typ				
Code Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units								
				Sample																			
00400 pH	1 - Effluent Gross	0		Permit Req						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB				
				Value NOD	I						C - No Discharge	9			C - No Discharge	Э							
				Sample																			
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req											70.0 DAILY MX			02/30 - Twice Per Month	GR - GRAB				
				Value NOD	I								C - No Discharge		C - No Discharge	9							
				Sample																			
00545 Solids, settleable	0545 Solids, settleable 1 - Effluent Gross 0		Permit Req									Req Mon 30DA AVG		0.5 DAILY MX			02/30 - Twice Per Month	GR - GRAB					
				Value NOD	I								C - No Discharge		C - No Discharge	Э							
				Sample																			
01045 Iron, total [as Fe]	1 - Effluent Gross	0		Permit Req											6.0 DAILY MX			02/30 - Twice Per Month	GR - GRAB				
				Value NOD									C - No Discharge		C - No Discharge	Э							
				Sample													-						
03582 Oil and grease	1 - Effluent Gross	0		Permit Req										<=	10.0 INST MAX			77/77 - Contingent	GR - GRAB				
				Value NOD											C - No Discharge	9							
				Sample																			
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req		Req Mon 30DA AVG		Req Mon DAILY MX 03 -	MGD									02/30 - Twice Per Month	IN - INSTAN				
				Value NOD	C	- No Discharge		C - No Discharge															
	4 550 4 0	0						Sample				D 14 INIOT144V OD	N 0 1/ 4								-	00/00 T : D M //	\(\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(
84066 Oil and grease visual	1 - Effluent Gross			Permit Req				Req Mon INST MAX 9P -	N=0;Y=1								-	02/30 - Twice Per Month	VI - VISUAL				
				Value NOD				C - No Discharge															

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

Elk Ridge Mining and Reclamation LLC

User: dcrosby@tristategt.org Name: Darlene Crosby E-Mail: dcrosby@tristategt.org

Date/Time: 2020-01-03 08:42 (Time Zone: -07:00)

Report Last Signed By

User: BARBARAWALZ1 Barbara Walz Name: E-Mail: bwalz@tristategt.org

Date/Time: 2020-01-24 09:09 (Time Zone: -07:00)

## **DMR Copy of Record**

Permit

Permit #: COG850062

Permittee: Elk Ridge Mining and Reclamation LLC

003-A

01/28/20

Major: No

Permittee Address: PO Box 33695

Facility:
Facility Location:

Status:

NEW HORIZON NORTH MINE

2600 RD AND AA RD

**NetDMR Validated** 

...,...

003 External Outfall Denver, CO 80233-0695

ty Location.

MONTROSE COUNTY, CO 81424

Permitted Feature:

Report Dates & Status

Monitoring Period: From 10/01/19 to 12/31/19

Discharge to Coal Canyon

Considerations for Form Completion

Settleable solids limit waived for 10-yr, 24 hr precip event subject to burden of proof requirements in Part I.B.6. Any additional data shall be supplied to the division within 48 hours.

**DMR Due Date:** 

Discharge:

Principal Executive Officer

First Name: Barbara

Barbara Title:

SVP, Policy and Compliance, CCO

Telephone:

303-452-6111

No Data Indicator (NODI)

Last Name:

Form NODI:

Parameter	Monitoring Location	g Location Season # Param. NOI			Quantity or Loading						Quality or Concentration #							Sample Ty
Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	3 Value 3	Units		
				Sample														
00400 pH	1 - Effluent Gross	0		Permit Req						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
				Value NOD						N - Not Constructed		d			N - Not Constructed			
				Sample														
0530 Solids, total suspended	1 - Effluent Gross	0		Permit Req								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
		Value NOD									N - Not Constructed		N - Not Constructed	t				
		Sample																
0545 Solids, settleable	1 - Effluent Gross	0		Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L	02/30 - Twice Per Month	GR - GRAB
				Value NOD									N - Not Constructed		N - Not Constructed	t		
		Sample																
1045 Iron, total [as Fe]	1 - Effluent Gross 0		Permit Req								<=	3.0 30DA AVG	<=	6.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
				Value NOD									N - Not Constructed		N - Not Constructed	t		
				Sample														
3582 Oil and grease	1 - Effluent Gross	0		Permit Req										<=	10.0 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
				Value NOD											N - Not Constructed	t		
				Sample														
0050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req	Re	q Mon 30DA AV	G F	Req Mon DAILY MX 03	3 - MGD								02/30 - Twice Per Month	IN - INSTA
			Value NOD	N -	Not Constructed	I N	I - Not Constructed											
				Sample														
4066 Oil and grease visual	1 - Effluent Gross	oss 0		Permit Req.			F	Req Mon INST MAX 9	P - N=0;Y=1								02/30 - Twice Per Month	vi - Visual
				Value NOD			N	I - Not Constructed										

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

**Attachments** 

No attachments.

Report Last Saved By

Elk Ridge Mining and Reclamation LLC

User: Chantell75
Name: Chantell Johnson

E-Mail: cjohnson@tristategt.org

Date/Time: 2020-01-21 12:27 (Time Zone: -07:00)

Report Last Signed By

User: BARBARAWALZ1
Name: Barbara Walz
E-Mail: bwalz@tristategt.org

Date/Time: 2020-01-24 09:09 (Time Zone: -07:00)