## TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC.

DENVER, COLORADO 80233-0695

303-452-6111

July 27, 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: Second Quarter 2020 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 second quarter of 2020. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent to Western Fuels – Colorado. The enclosed second 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,

DocuSigned by: Daniel (asiraro B70D69F114324DF

Daniel J. Casiraro Senior Manager **Environmental Services** 

DJC:DC:der

Enclosure

cc: Jason Carver, Nucla Station (via email)

> Chantell Johnson (via email) Darlene Crosby (via email)

G474-11.3(10)a-9a

## **DMR Copy of Record**

Permit

COG850062 Permit #:

No Major:

Permittee: Elk Ridge Mining and Reclamation LLC

PO Box 33695 Permittee Address:

Denver, CO 80233-0695

**Facility Location:** 

Facility:

NEW HORIZON NORTH MINE

2600 RD AND AA RD

MONTROSE COUNTY, CO 81424

**Permitted Feature:** 001

External Outfall

Discharge:

001-A Discharge to Tuttle Draw

Report Dates & Status

**DMR Due Date: Monitoring Period:** From 04/01/20 to 06/30/20

07/28/20

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

Walz Last Name:

SVP, Policy and Compliance, CCO

Telephone:

303-452-6111

No Data Indicator (NODI)

Form NODI:

. 0111111																				
Parameter		Monitoring Location	Season # Param. NOD			Quantity or Loading					Quality or Concentration								Ex. Frequency of Analysis Samp	
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															
00400	рН	1 - Effluent Gross	0	!	Permit Req						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Mor	nth GR - GRAB
					Value NOD	ı						C - No Discharge				C - No Discharge				
					Sample									05.0.0004.41/0		70 0 DAIL V MV	40		00/00 Turing Day May	ul OD ODAD
00530	Solids, total suspended	1 - Effluent Gross	0	<del></del>	Permit Req								<=	35.0 30DA AVG		70.0 DAILY MX	19 - mg/L	-	02/30 - Twice Per Mor	ith GR - GRAB
					Value NOD	I								C - No Discharge		C - No Discharge				
					Sample									D = 11 M = 11 00 D A A V (0		O F DAIL V MAY	05 1 /1		20/00 Tuiss DayMay	ul OD ODAD
00545	Solids, settleable	1 - Effluent Gross	0		Permit Req									Req Mon 30DA AVG		0.5 DAILY MX	25 - mL/L	-	02/30 - Twice Per Mor	ith GR - GRAB
					Value NOD	I								C - No Discharge		C - No Discharge				
	Iron, total [as Fe]				Sample															
01045		1 - Effluent Gross	0		Permit Req								<=	3.0 30DA AVG	<=	6.0 DAILY MX	19 - mg/L	-	02/30 - Twice Per Mor	nth GR - GRAB
					Value NOD	I								C - No Discharge		C - No Discharge				
					Sample															
03582	Oil and grease	1 - Effluent Gross	0		Permit Req										<=	10.0 INST MAX	19 - mg/L	-	77/77 - Contingent	GR - GRAB
					Value NOD	I										C - No Discharge				
					Sample															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req		Req Mon 30DA AV	/G Re	eq Mon DAILY MX	03 - MGD									02/30 - Twice Per Mor	nth IN - INSTAN
	,				Value NOD	ı	C - No Discharg	ge C	C - No Discharge											
	Oil and grease visual				Sample															
84066		1 - Effluent Gross	0		Permit Req	-		Re	eq Mon INST MAX	9P - N=0;Y=1									02/30 - Twice Per Mor	nth VI - VISUAL
					Value NOD	I			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: 2020-07-06 09:22 (Time Zone: -06:00)

Report Last Signed By

BARBARAWALZ1 User:

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

Date/Time: 2020-07-27 08:52 (Time Zone: -06:00)

## **DMR Copy of Record**

Permit

COG850062 Permit #:

No Major:

Permittee: Elk Ridge Mining and Reclamation LLC

PO Box 33695 Permittee Address:

Denver, CO 80233-0695

**Facility Location:** 

Facility:

NEW HORIZON NORTH MINE

2600 RD AND AA RD MONTROSE COUNTY, CO 81424

**Permitted Feature:** 002

External Outfall

002-A

Discharge to Coal Canyon

Report Dates & Status

**DMR Due Date:** Status: **Monitoring Period:** From 04/01/20 to 06/30/20 07/28/20 **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

Walz Last Name:

SVP, Policy and Compliance, CCO

Telephone:

303-452-6111

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Canan	" -																
		Season	# Param. NODI	ODI Quantity or Loading					Quality or Concentration							# of Ex.	is Sample Type		
Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
				Sample															
pH	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	C	02/30 - Twice Per Mont	th GR - GRAB
				Value NODI							C - No Discharge				C - No Discharge				
				Sample															
Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L	C	02/30 - Twice Per Mont	th GR - GRAB
·				Value NODI									C - No Discharge		C - No Discharge				
				Sample															
Solids, settleable	1 - Effluent Gross	0		Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L	C	02/30 - Twice Per Mont	th GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge				
Iron, total [as Fe]				Sample															
	1 - Effluent Gross	0		Permit Req.								<=	3.0 30DA AVG	<=	6.0 DAILY MX	19 - mg/L	C	02/30 - Twice Per Mont	th GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge				
				Sample															
Oil and grease	1 - Effluent Gross	0		Permit Req.										<=	10.0 INST MAX	19 - mg/L	7	77/77 - Contingent	GR - GRAB
				Value NODI											C - No Discharge				
				Sample															
Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Req Mon 30DA AVO	G Red	Mon DAILY MX	03 - MGD								C	02/30 - Twice Per Mont	th IN - INSTAN
				Value NODI		C - No Discharge	e C	- No Discharge											
				Sample															
Oil and grease visual	1 - Effluent Gross	0		Permit Req.			Red	Mon INST MAX	9P - N=0;Y=1								C	02/30 - Twice Per Mont	th VI - VISUAL
				Value NODI			С	- No Discharge											
	Solids, total suspended  Solids, settleable  Iron, total [as Fe]  Oil and grease  Flow, in conduit or thru treatment plant	Solids, total suspended  1 - Effluent Gross  Solids, settleable  1 - Effluent Gross  Iron, total [as Fe]  1 - Effluent Gross  Oil and grease  1 - Effluent Gross  1 - Effluent Gross	Solids, total suspended  1 - Effluent Gross 0  Solids, settleable  1 - Effluent Gross 0  Iron, total [as Fe]  1 - Effluent Gross 0  Oil and grease  1 - Effluent Gross 0  Flow, in conduit or thru treatment plant  1 - Effluent Gross 0	Solids, total suspended  1 - Effluent Gross 0  Solids, settleable 1 - Effluent Gross 0  Iron, total [as Fe] 1 - Effluent Gross 0  Oil and grease 1 - Effluent Gross 0  Flow, in conduit or thru treatment plant 1 - Effluent Gross 0  Oil and grease visual 1 - Effluent Gross 0	Solids, total suspended  1 - Effluent Gross  0  Value NODI  Sample  Permit Req.  Value NODI  Sample  Permit Req.  Value NODI  Iron, total [as Fe]  1 - Effluent Gross  0  Sample  Permit Req.  Value NODI  Sample	Value NODI   Sample   Permit Req.   Value NODI	Solids, total suspended  1 - Effluent Gross 0	Solids, total suspended  1 - Effluent Gross 0 Value NODI  Sample Permit Req. Value NODI  Solids, settleable 1 - Effluent Gross 0 Permit Req. Value NODI  Iron, total [as Fe] 1 - Effluent Gross 0 Permit Req. Value NODI  Oil and grease 1 - Effluent Gross 0 Permit Req. Value NODI  Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Permit Req. Value NODI  Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Permit Req. Req Mon 30DA AVG Rec Value NODI C - No Discharge C C  Sample Permit Req. Req Mon 30DA AVG Rec Value NODI C - No Discharge C C  Sample Permit Req. Req Mon 30DA AVG Rec C Sample C C Sample C C Reg. Req. Req. Req. Req. Req. Req. Req. Req	Solids, total suspended  1 - Effluent Gross 0	Solids, total suspended  1 - Effluent Gross 0	Value NODI   Sample   Solids, total suspended   1 - Effluent Gross   O     Permit Req.   Value NODI   Sample   Solids, settleable   1 - Effluent Gross   O     Permit Req.   Value NODI   Sample   Sample   Solids, settleable   1 - Effluent Gross   O     Permit Req.   Value NODI   Sample   S	Value NODI  Solids, total suspended  1 - Effluent Gross 0	Value NODI   C - No Discharge	Value NODI  Solids, total suspended  1 - Effluent Gross  0	Value NODI   Val	Value NODI   Sample   Sample	Value NOD    Val	Note   Solids, total suspended   1 - Effluent Gross   0	Value NODI   Val

**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: 2020-07-06 09:33 (Time Zone: -06:00)

Report Last Signed By

BARBARAWALZ1 User:

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

Date/Time: 2020-07-27 08:52 (Time Zone: -06:00)

## **DMR Copy of Record**

Permit

COG850062 Permit #:

Permittee: Elk Ridge Mining and Reclamation LLC

No Major:

PO Box 33695 Denver, CO 80233-0695 **Facility Location:** 2600 RD AND AA RD

Facility:

003

MONTROSE COUNTY, CO 81424

NEW HORIZON NORTH MINE

**Permitted Feature:** External Outfall Discharge: 003-A Discharge to Coal Canyon

Permittee Address:

Report Dates & Status

**DMR Due Date:** Status: **Monitoring Period:** From 04/01/20 to 06/30/20 07/28/20 **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.

**Principal Executive Officer** 

Title: First Name: Barbara SVP, Policy and Compliance, CCO Telephone: 303-452-6111

Walz Last Name:

No Data Indicator (NODI)

Form NODI:

FOITH	ODI.																		
	Parameter	Monitoring Location Season # Param. NODI				Quantity or Loading						Quality or Concentration							
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	рН	1 - Effluent Gross 0		Sample Permit Req. Value NODI							S.5 MINIMUM  N - Not Constructed			<=	9.0 MAXIMUM N - Not Construct	12 - SU	02/30 - Twice Per Month	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross 0		Sample Permit Req. Value NODI								<=	35.0 30DA AVG N - Not Constructed		70.0 DAILY MX N - Not Construct	19 - mg/L ed	02/30 - Twice Per Month	GR - GRAB	
00545	Solids, settleable	1 - Effluent Gross 0		Sample Permit Req. Value NODI									Req Mon 30DA AVG N - Not Constructed		0.5 DAILY MX N - Not Construct	25 - mL/L ed	02/30 - Twice Per Month	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross 0		Sample Permit Req. Value NODI								<=	3.0 30DA AVG N - Not Constructed		6.0 DAILY MX N - Not Construct	19 - mg/L ed	02/30 - Twice Per Month	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross 0		Sample Permit Req. Value NODI										<=	10.0 INST MAX N - Not Construct	19 - mg/L ed	77/77 - Contingent	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross 0		Sample Permit Req. Value NODI		eq Mon 30DA AVG N - Not Constructe		Mon DAILY MX - Not Constructed									02/30 - Twice Per Month	IN - INSTAN	
84066	Oil and grease visual	1 - Effluent Gross 0		Sample Permit Req. Value NODI				Mon INST MAX - Not Constructed	9P - N=0;Y=	1							02/30 - Twice Per Month	VI - VISUAL	

**Submission Note** 

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**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: 2020-07-06 10:42 (Time Zone: -06:00)

Report Last Signed By

BARBARAWALZ1 User:

 Name:
 Barbara
 Walz

 E-Mail:
 bwalz@tristategt.org

 Date/Time:
 2020-07-27 08:52 (Time Zone: -06:00)