



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

**HEADQUARTERS: P.O. BOX 33695 DENVER, COLORADO 80233-0695 303-452-6111**

March 22, 2019

VIA Electronic Mail: [brock.bowles@state.co.us](mailto:brock.bowles@state.co.us)

Mr. Brock Bowles  
Division of Reclamation, Mining, & Safety  
Coal Program Support Staff  
1313 Sherman Street, RM 215  
Denver, Colorado 80203

RE: February 2019 Discharge Monitoring Report Submittal  
CDPS Permit #CO-0000213  
Elk Ridge Mining and Reclamation, New Horizon Mine  
DRMS Mine Permit #C-1981-008

Dear Mr. Bowles:

Enclosed are the Discharge Monitoring Reports (DMR) for the Elk Ridge Mining and Reclamation, LLC, New Horizon Mine CDPS Permit No. CO-0000213 for February 2019. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent to Elk Ridge Mining and Reclamation. The enclosed February 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

DJC:DC:der

Enclosures

cc: Darlene Crosby (via email)  
Tom Fry (via email)  
Chantell Johnson (via email)  
File G474-11.3(10)a-9a

**From:** [netdmr-notification@epa.gov](mailto:netdmr-notification@epa.gov)  
**To:** [Crosby, Darlene](#); [Johnson, Chantell](#); [Walz, Barbara](#)  
**Subject:** [EXTERNAL] NetDMR DMR(s) Submittal Passed for: CO0000213  
**Date:** Wednesday, March 20, 2019 5:30:15 PM

---

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

CDX Transaction ID: \_c90bfac0-49fd-4566-ac84-273f486b738e  
User ID: BARBARAWALZ1  
Timestamp: 03/20/2019 17:06:03  
-----

Permitted Facility Name: NEW HORIZON MINE  
Permit ID: CO0000213  
Permitted Feature: 012  
Discharge: A - SR and Mine Drainage to Tuttle Draw  
Monitoring Period End Date: 02/28/19  
-----

Permitted Facility Name: NEW HORIZON MINE  
Permit ID: CO0000213  
Permitted Feature: 013  
Discharge: A - SR & Mine Drainage to Tuttle Draw  
Monitoring Period End Date: 02/28/19  
-----

Permitted Facility Name: NEW HORIZON MINE  
Permit ID: CO0000213  
Permitted Feature: 016  
Discharge: A - SR & Mine Drainage Tributary to Tuttle Draw  
Monitoring Period End Date: 02/28/19

Thank you.

This notification was sent from the Colorado instance of "Production NetDMR" the official NPDES reporting environment for Colorado clean water discharge permits



**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>CO0000213</b>	<b>Permittee:</b>	Elk Ridge Mining and Reclamation LLC
<b>Major:</b>	No	<b>Permittee Address:</b>	PO Box 33695 Denver, CO 80233-0695
<b>Permitted Feature:</b>	013 External Outfall	<b>Discharge:</b>	<b>013-A</b> SR & Mine Drainage to Tuttle Draw
<b>Facility:</b>		<b>Facility Location:</b>	NEW HORIZON MINE 27646 W 5 AVE NUCLA, CO 81424

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 02/01/19 to 02/28/19</b>	<b>DMR Due Date:</b>	<b>03/28/19</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**  
TSS & Fe limits will be waived & settleable solids limit applied for 10YR/24HR precip event - see pg 7 for requirements.

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Barbara	<b>Title:</b>	SVP, Policy and Compliance, CCO
<b>Last Name:</b>	Walz	<b>Telephone:</b>	303-452-6111

**No Data Indicator (NODI)**  
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.31			=	7.83	12 - SU	06/30 - Six Per Month	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								<	2			28 - ug/L	04/30 - Four Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample						=	648			=	730	28 - ug/L	04/30 - Four Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample								<	20			28 - ug/L	04/30 - Four Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	947			=	984	28 - ug/L	04/30 - Four Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	0.5			28 - ug/L	04/30 - Four Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	77/77 - Contingent	GR - GRAB	
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.322	=	0.641	03 - MGD								01/01 - Daily	IN - INSTAN	
					Permit Req.	<=	1.44 30DA AVG													
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample						=	0						06/30 - Six Per Month	VI - VISUAL	
					Permit Req.															
					Value NODI															

**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: 2019-03-12 11:37 (Time Zone: -06:00)

**Report Last Signed By**

User: BARBARAWALZ1  
Name: Barbara Walz  
E-Mail: bwalz@tristategt.org  
Date/Time: 2019-03-20 15:06 (Time Zone: -06:00)

## DMR Copy of Record

Permit																			
Permit #:	CO0000213	Permittee:	Elk Ridge Mining and Reclamation LLC	Facility:	NEW HORIZON MINE														
Major:	No	Permittee Address:	PO Box 33695 Denver, CO 80233-0695	Facility Location:	27646 W 5 AVE NUCLA, CO 81424														
Permitted Feature:	016 External Outfall	Discharge:	016-A SR & Mine Drainage Tributary to Tuttle Draw																
Report Dates & Status																			
Monitoring Period:	From 02/01/19 to 02/28/19	DMR Due Date:	03/28/19	Status:	NetDMR Validated														
Considerations for Form Completion																			
TSS & Fe limits will be waived & settleable solids limits applied for 10YR/24HR precip event - see pp 8-9 for requirements.																			
Principal Executive Officer																			
First Name:	Barbara	Title:	SVP, Policy and Compliance, CCO	Telephone:	303-452-6111														
Last Name:	Walz																		
No Data Indicator (NODI)																			
Form NODI:	--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample					>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Permit Req.														
					Value NODI						C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							<=	35 5 DA AVG	<=	70 MX 7D AV	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.														
					Value NODI								C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample							<=	3000 30DA AVG	<=	6000 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.														
					Value NODI								C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	<=	3.123 30DA AVG		Req Mon DAILY MX 03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.														
					Value NODI		C - No Discharge		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																			
<b>Elk Ridge Mining and Reclamation LLC</b>																			
User:	dcrosby@tristategt.org																		
Name:	Darlene Crosby																		
E-Mail:	dcrosby@tristategt.org																		
Date/Time:	2019-02-25 14:34 (Time Zone: -07:00)																		
Report Last Signed By																			
User:	BARBARAWALZ1																		
Name:	Barbara Walz																		
E-Mail:	bwalz@tristategt.org																		
Date/Time:	2019-03-20 15:06 (Time Zone: -06:00)																		