



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

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

September 19, 2018

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: August 2018 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 August 2018. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent to Elk Ridge Mining and Reclamation. The enclosed August 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, September 26, 2018 6:30:24 AM

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

CDX Transaction ID: \_30dd7554-6897-472a-b137-2a02c00d5d40  
User ID: BARBARAWALZ1  
Timestamp: 09/26/2018 07:41:39  
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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: 08/31/18  
-----

Permitted Facility Name: NEW HORIZON MINE  
Permit ID: CO0000213  
Permitted Feature: 013  
Discharge: A - SR & Mine Drainage to Tuttle Draw  
Monitoring Period End Date: 08/31/18  
-----

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: 08/31/18

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>Facility:</b>	NEW HORIZON MINE
<b>Major:</b>	No	<b>Permittee Address:</b>	PO Box 33695 Denver, CO 80233-0695	<b>Facility Location:</b>	27646 W 5 AVE NUCLA, CO 81424
<b>Permitted Feature:</b>	012 External Outfall	<b>Discharge:</b>	012-A SR and Mine Drainage to Tuttle Draw		

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 08/01/18 to 08/31/18</b>	<b>DMR Due Date:</b>	<b>09/28/18</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 pp 8-9 for requirements.

<b>Principal Executive Officer</b>					
<b>First Name:</b>	Barbara	<b>Title:</b>	SVP, Policy and Compliance, CCO	<b>Telephone:</b>	303-452-6111
<b>Last Name:</b>	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 30DA AVG	<=	70 MX 7D AV	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.															
					Value NODI															
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															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										<=	10 INST MAX	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						<=	1.09 30DA AVG							01/30 - Monthly	IN - INSTAN
					Permit Req.				Req Mon DAILY MX 03 - MGD											
					Value NODI				C - No Discharge											
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX 9P - N=0;Y=1											
					Value NODI				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: 2018-09-25 13:40 (Time Zone: -06:00)

**Report Last Signed By**  
User: BARBARAWALZ1  
Name: Barbara Walz  
E-Mail: bwalz@tristategt.org  
Date/Time: 2018-09-26 05:41 (Time Zone: -06:00)

**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 08/01/18 to 08/31/18</b>	<b>DMR Due Date:</b>	<b>09/28/18</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						=	6.67			=	6.82	12 - SU	04/30 - Four 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	02/30 - Twice Per Month	GR - GRAB				
					Permit Req.										Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB				
					Value NODI																	
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample						=	1335			=	1440	28 - ug/L	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.										<=	3000 30DA AVG	<=	6000 DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
					Value NODI																	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	8			=	8	28 - ug/L	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.											Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI																	
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	698			=	732	28 - ug/L	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.											<=	4120 30DA AVG	<=	4738 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
					Value NODI																	
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	0.3			<	0.3	28 - ug/L	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.											<=	26 30DA AVG	<=	26 DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					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	=	0.907	=	1.342	03 - MGD								01/01 - Daily	IN - INSTAN			
					Permit Req.	<=	1.44 30DA AVG														01/30 - Monthly	IN - INSTAN
					Value NODI																	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0	AB - abst=0;prst=1								04/30 - Four Per Month	VI - VISUAL			
					Permit Req.																02/30 - Twice Per Month	VI - VISUAL
					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: 2018-09-25 13:40 (Time Zone: -06:00)

**Report Last Signed By**

User: BARBARAWALZ1  
Name: Barbara Walz  
E-Mail: bwalz@tristategt.org  
Date/Time: 2018-09-26 05:41 (Time Zone: -06:00)

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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 08/01/18 to 08/31/18	DMR Due Date:	09/28/18	Status:	NetDMR Validated															
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					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															
					Permit Req.					>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB	
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	35 5 DA AVG	<=	70 MX 7D AV	19 - mg/L		02/30 - Twice Per Month	GR - GRAB	
					Value NODI								C - No Discharge		C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.							<=	3000 30DA AVG	<=	6000 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB	
					Value NODI								C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	3.123 30DA AVG		Req Mon DAILY MX 03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											
Submission Note																				
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