

March 23, 2021

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: February 2021 Discharge Monitoring Report Submittal

CDPS Permit #CO-0000213

Elk Ridge Mining and Reclamation, New Horizon Mine

DRMS Mine Permit #C-1981-008

Dear Ms. Binns:

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 2021. 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 Casiraro B70D69F114324DE...

DocuSigned by:

Daniel J. Casiraro Senior Manager

Environmental Services

DJC:DC:

Enclosures

cc: Darlene Crosby (via email)

Jason Carver (via email) Chantell Johnson (via email) File G474-11.3(10)a-9a



From: netdmr-notification@epa.gov

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

Subject: [EXTERNAL] NetDMR DMR(s) Submittal Passed for: CO0000213

Date: Tuesday, March 23, 2021 7:30:56 AM

CAUTION: This email originated from outside of Tri-State. DO NOT click links or open attachments unless you recognize and/or trust the sender. Contact the IT Service Desk with questions or concerns.

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

CDX Transaction ID: d0481460-9409-4fff-a441-30151939f602

User ID: BARBARAWALZ1 Timestamp: 03/23/2021 06:00:48

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: 02/28/21

Permitted Facility Name: NEW HORIZON MINE

Permit ID: CO0000213 Permitted Feature: 013

Discharge: A - SR & Mine Drainage to Tuttle Draw

Monitoring Period End Date: 02/28/21

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: 02/28/21

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

CO0000213 Permit #:

No Major:

Elk Ridge Mining and Reclamation LLC Permittee:

PO Box 33695 **Permittee Address:**

Denver, CO 80233-0695

SVP, Policy and Compliance, CCO

Facility:

Telephone:

Facility Location:

NEW HORIZON MINE

27646 W 5 AVE

303-452-6111

NUCLA, CO 81424

Permitted Feature: 012 Discharge: 012-A SR and Mine Drainage to Tuttle Draw

External Outfall

Report Dates & Status

Status: **DMR Due Date: Monitoring Period:** From 02/01/21 to 02/28/21 03/28/21 **NetDMR Validated**

Considerations for Form Completion

TSS & Fe limits will be waived & settleable solids limit appliced for 10YR/24HR precip event - see pp 8-9 for requirements.

Barbara

Principal Executive Officer

Title:

Walz Last Name:

No Data Indicator (NODI)

First Name:

Form NODI:

	Devenuetor	Manitorina Lagation	Canan 4	Devem NODI				Oversity or Lead	din a				0.	vality on Consentuat	ian			# a4 Fv	Francisco of Analysis	Cample Time
	Parameter	Monitoring Location	Season #	Param. NODI				Quantity or Load						uality or Concentrat				# Of EX.	Frequency of Analysis	Sample Type
Cod	e Name			ļ.		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample															
004	0 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				C - No Discharge	3			
					Sample															
00530	Solids, total suspended	1 - Effluent Gross	0	<u></u>	Permit Req								<=	35.0 30DA AVG	<=	70.0 MX 7D AV	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NOD	ı								C - No Discharge	•	C - No Discharge	ŧ			
	Iron, total recoverable 1 - Efflue		0		Sample															
00980		1 - Effluent Gross		<u></u>	Permit Req								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NOD	ı								C - No Discharge	•	C - No Discharge	3			
		1 - Effluent Gross	0		Sample															
035	2 Oil and grease				Permit Req										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NOD	ı										C - No Discharge	e e			
		1 - Effluent Gross			Sample															
500	Flow, in conduit or thru treatment plant		0	<u></u>	Permit Req	. <=	1.09 30DA AVG	Re	eq Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NOD	ı	C - No Discharg	ge C	C - No Discharge											
					Sample															
840	6 Oil and grease visual	1 - Effluent Gross	0		Permit Req			Re	eq Mon INST MAX	9P - N=0;Y=1									01/07 - Weekly	VI - VISUAL
					Value NOD	ı		C	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: 2021-03-10 07:27 (Time Zone: -07:00)

Report Last Signed By

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

Date/Time: 2021-03-23 04:00 (Time Zone: -06:00)

DMR Copy of Record

Permit

CO0000213 Permit #:

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:

013

Walz

External Outfall

Discharge:

013-A SR & Mine Drainage to Tuttle Draw

Report Dates & Status

From 02/01/21 to 02/28/21 **Monitoring Period:**

DMR Due Date: 03/28/21

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name: Barbara Title:

SVP, Policy and Compliance, CCO

Telephone:

303-452-6111

No Data Indicator (NODI)

Last Name:

-orm I	NODI:			_																
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Qualifier	Value 1	Qualifier	or Loading Value 2	Units	Qualifie	Value 1	Qualifier		Quality or Qualifier	Concentration Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
Oouc	Name					1	Value 1	2	Value 2	Onics	1	Value 1	2	Value 2	3	value 5	Onits			
					Sample						=	7.8			=	7.9	12 - SU		2/30 - Twice Per Ionth	GR - GRA
00400	рН	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0 0	2/30 - Twice Per Ionth	GR - GRA
		GIUSS			Value NODI							WIIIWIOW						IV.	ionui	
					Sample								=	0.58			28 - ug/L	0.	2/30 - Twice Per Ionth	GR - GRA
00978	Arsenic, total recoverable	1 - Effluent Gross	0		Permit Req.									Req Mon 30DA AVG			28 - ug/L (0 0	2/30 - Twice Per	GR - GR
		GIUSS			Value NODI									AVG				iv.	ionar	
					Sample								=	950.0	=	1080.0	28 - ug/L	0	2/30 - Twice Per Ionth	GR - GR
00980	Iron, total recoverable 1 - Effluent Gross	1 - Effluent	0		Permit								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L	0 0	2/30 - Twice Per	GR - GRA
		Gross			Req. Value													, N	lonth	
					NODI Sample								<	30.0	<	30.0	28 - ug/L	0	2/30 - Twice Per	GR - GR
04202	Zinc, potentially dissolved	1 - Effluent	0		Permit									Req Mon 30DA					Month 2/30 - Twice Per	GR - GR
01303		Gross			Req. Value									AVĠ		Req Mon DAILY MX	28 - ug/L	U N	lonth	GR - GR/
					NODI													0	2/30 - Twice Per	
	Manganese, potentially dissolvd 1 - Effluen Gross	4 5#1			Sample								=	975.0	=	1060.0	28 - ug/L	N	Month	GR - GRA
01319		Gross	0		Permit Req.								<=	2618.0 30DA AVG	<=	4738.0 DAILY MX	28 - ug/L	0 0	1/30 - Monthly	GR - GR
					Value NODI															
	Selenium, potentially dissolvd	1 - Effluent Gross	0		Sample								<	0.5	<	0.5	28 - ug/L	N	2/30 - Twice Per Ionth	GR - GR
01323					Permit Req.								<=	2.3 30DA AVG	<=	18.0 DAILY MX	28 - ug/L	0 0 N	2/30 - Twice Per Ionth	GR - GR
					Value NODI															
					Sample															
03582	Oil and grease	1 - Effluent	0		Permit Req.										<=	10.0 INST MAX	19 - mg/L	7	7/77 - Contingent	GR - GRA
00002		Gross			Value NODI											9 - Conditional Monitoring - Not Required This Period				
					Sample	= (0.174	=	0.349	03 - MGD								0	1/01 - Daily	IN - INST
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		1.44 30DA AVG		Req Mon DAILY MX	03 - MGD								0 0	1/30 - Monthly	IN - INST
	plant	Gioss			Value NODI															
					Sample			=	0.0	AB - abst=0;prst=1								0.0	2/30 - Twice Per Ionth	VI - VISU
84066	Oil and grease visual	1 - Effluent	0		Permit				Req Mon INST MAX	AB - abst=0;prst=1								0	2/30 - Twice Per	VI - VISU
		Gross			Req. Value				INION	ausi=0,pisi=1								IV	ionu i	
					NODI															

DocuSign Envelope ID: A4B3EE09-4FCF-4B63-88BB-E2BABB09E98F 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 2021-03-10 14:30 (Time Zone: -07:00) Date/Time: Report Last Signed By User: BARBARAWALZ1 Name: Barbara Walz E-Mail: bwalz@tristategt.org 2021-03-23 04:00 (Time Zone: -06:00) Date/Time:

DMR Copy of Record

Permit

Major:

Permit #: CO0000213

No

Permittee: Elk Ridge Mining and Reclamation LLC

Permittee Address: PO Box 33695

Denver, CO 80233-0695

Permitted Feature: 016

External Outfall

Discharge: 016-A

SR & Mine Drainage Tributary to Tuttle Draw

SVP, Policy and Compliance, CCO

Report Dates & Status

Monitoring Period: From 02/01/21 to 02/28/21

DMR Due Date: 03/28/21

Title:

Status: NetDMR Validated

NEW HORIZON MINE

27646 W 5 AVE

303-452-6111

NUCLA, CO 81424

Facility:

Telephone:

Facility Location:

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

Last Name: Walz

No Data Indicator (NODI)

Form NODI:

FOITH	IODI.																	
Parameter Monitoring Location Season # Param. NOD			Quantity or Loading							Q	uality or Concentrati	# of Ex. Frequency of Analysi		Sample Type				
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units Qualifie	er 1 Value 1	Qualifier 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 NODI						C - No Discharge	е			C - No Discharge				
	Solids, total suspended	1 - Effluent Gross 0		Sample														
00530				Permit Req.							<=	35.0 5 DA AVG	<=	70.0 MX 7D AV	19 - mg/L	<u>.</u>	02/30 - Twice Per Month	GR - GRAB
				Value NODI								C - No Discharge		C - No Discharge				
	Iron, total recoverable	1 - Effluent Gross 0		Sample														
00980				Permit Req.							<=	1000.0 30DA AVG	<=	2000.0 DAILY MX	28 - ug/L	}	02/30 - Twice Per Month	GR - GRAB
00000				Value NODI								C - No Discharge		C - No Discharge				
	Flow, in conduit or thru treatment plant	1 - Effluent Gross 0		Sample														
50050				Permit Req.	<= 3.1	123 30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
23000				Value NODI	С	C - No Discharge		C - No Discharge										

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: 2021-03-10 07:37 (Time Zone: -07:00)

Report Last Signed By

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

Date/Time: 2021-03-23 04:00 (Time Zone: -06:00)