TRI-STATE

June 28, 2022

Mrs. Janet Binns
Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: New Horizon North Mine
Permit No. C-2010-089
2022 Annual Impoundment Inspections

Dear Mrs. Binns:

Elk Ridge Mining and Reclamation, LLC (Elk Ridge) operates the New Horizon North Mine. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent company of Elk Ridge. The New Horizon North Mine operates under Colorado Division of Reclamation, Mining and Safety (CDRMS) Permit No. C-2010-089.

In accordance with Rules 4.05.9(14) and 4.05.9(15), Tri-State is submitting the enclosed annual impoundment inspection on behalf of Elk Ridge.

If you have any questions about the enclosed annual impoundment reports, please contact Tony Tennyson at (970) 824-1232 at your convenience.

Sincerely,

DocuSigned by:
Chris Gilbreath
D250C711D0BF450...

Chris Gilbreath
Senior Manager
Remediation and Reclamation

CG:TT:der

Enclosures

cc: Tony Tennyson (via email)
G747-11.3(21)c-8

P.O. BOX 33695
DENVER, CO 80233-0695
303-452-6111
WWW.TRISTATE.COOP

2022 ANNUAL IMPOUNDMENT INSPECTION

Mine: **New Horizon North Mine (Permit No. C-2010-089)**
Pond Name: **NHN-Pond 001**
Date Inspected:
Inspector's Name: **Trevor Ragsdale**

Pond Capacity Data

As Built Pond Embankment elev.: **5679.0** As Built Pond Bottom elev.: **5666.0**
As Built Pond Emergency Spillway elev.: **5676.5** As Built Pond Primary Spillway elev.: **5675.5**
As Built Pond Capacity (pond bottom to primary spillway) per As Built **7.9 ac-ft**
Existing Pond Capacity (pond bottom to primary spillway): As Built Volume - SV = **7.9 ac-ft**
Sediment Volume (SV) at Inspection: **0**
Surface Water elev. **Dry** - Surveyed Pond Bottom elev. **5666** = Water Depth **Dry**
Water Volume (WV) in Pond **Dry** (using as built capacity table & surface water elevation, and then subtracting sediment volume under water level)
Pond Capacity Available below primary spillway **7.9 ac-ft** [As Built Pond Capacity – WV – SV]
Inflow volume from 10-yr 24-hr storm runoff event **5.5 ac-ft**

Circle or Write appropriate Response

1.	Seepage (specify location, color, and approx. volume) _____	Yes	X		N/A
2.	Cracks or scarps on crest or slopes_____	Yes	X		N/A
3.	Sloughing or bulging on slopes _____	Yes	X		N/A
4.	Major erosion problems_____	Yes	X		N/A
5.	Surface movements in valley bottom or on hillside_____	Yes	X		N/A
6.	Water impounded against toe_____	Yes	X		N/A
7.	Clogging				
	a) Spillway channels and pipes _____	Yes	X		N/A
	b) Decant system_____	Yes	X		N/A
	c) Diversion Ditches_____	Yes	X		N/A
8.	Cracking or crushing of pipes				
	a) Spillway pipes_____	Yes	X		N/A
	b) Decant system_____	Yes	X		N/A
9.	Trash racks clear and in place_____	Yes	X	No	N/A
10.	Monitoring instrumentation **in place & functioning** _____	Yes	X	No	N/A

Comments: **Pond Dry Inspected 6-13-22**

2022 ANNUAL IMPOUNDMENT INSPECTION

Mine: **New Horizon North Mine (Permit No. C-2010-089)**
Pond Name: **NHN-Pond 002**
Date Inspected:
Inspector's Name: **Trevor Ragsdale**

Pond Capacity Data

As Built Pond Embankment elev.: **5685.0** As Built Pond Bottom elev.: **5673.0**
As Built Pond Emergency Spillway elev.: **5682.9** As Built Pond Primary Spillway elev.: **5682.0**
As Built Pond Capacity (pond bottom to primary spillway) per As Built **12.9 ac-ft**
Existing Pond Capacity (pond bottom to primary spillway): As Built Volume - SV = **12.9 ac-ft**
Sediment Volume (SV) at Inspection: **None**
Surface Water elev. **Dry** – As-built Pond Bottom elev. **5673.0** = Water Depth **NA**
Water Volume (WV) in Pond **DRY** (using as built capacity table & surface water elevation, and then subtracting sediment volume under water level)
Pond Capacity Available below primary spillway **12.9 ac-ft** [As Built Pond Capacity – WV – SV]
Inflow volume from 10-yr 24-hr storm runoff event **8.6 ac-ft**
Note: Dry

Circle or Write appropriate Response

1.	Seepage (specify location, color, and approx. volume) _____	Yes	No	N/A
2.	Cracks or scarps on crest or slopes_____	Yes	No	N/A
3.	Sloughing or bulging on slopes _____	Yes	No	N/A
4.	Major erosion problems_____	Yes	No	N/A
5.	Surface movements in valley bottom or on hillside_____	Yes	No	N/A
6.	Water impounded against toe_____	Yes	No	N/A
7.	Clogging			
	a) Spillway channels and pipes _____	Yes	No	N/A
	b) Decant system_____	Yes	No	N/A
	c) Diversion Ditches_____	Yes	No	N/A
8.	Cracking or crushing of pipes			
	a) Spillway pipes_____	Yes	No	N/A
	b) Decant system_____	Yes	No	N/A
9.	Trash racks clear and in place_____	Yes	No	N/A
10.	Monitoring instrumentation: **in place & functioning** _____	Yes	No	N/A

Comments: **Inspected 6-13-22**