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

**HEADQUARTERS:** 

P.O. BOX 33695

DENVER, COLORADO 80233-0695

303-452-6111

April 18, 2018

Sent via email: <u>brock.bowles@state.co.us</u>

Mr. Brock Bowles Environmental Protection Specialist Colorado Division of Reclamation, Mining and Safety 1313 Sherman Street, Room 215 Denver, CO 80203

**RE:** New Horizon Mine

Permit No. C-1981-008

2nd Quarter 2018 Impoundment Inspections

Dear Mr. Bowles:

Elk Ridge Mining and Reclamation, LLC (Elk Ridge) operates the New Horizon Mine. Tri-State Generation and Transmission Association, Inc. (Tri-State) is the parent company of Elk Ridge. The New Horizon Mine operates under Colorado Division of Reclamation, Mining and Safety (CDRMS) Permit No. C-1981-008.

In accordance with Rule 4.05.9(17), Tri-State is submitting the enclosed quarterly impoundment inspections on behalf of Elk Ridge.

If you have any questions about the enclosed quarterly impoundment reports, please contact Tony Tennyson at (970) 825-1232 at your convenience.

Sincerely,

Dan Casiraro Senior Manager

**Environmental Services** 

DJC:TT:der

**Enclosures** 

cc:

Frank Ferris (via email)

Chris Gilbreath (via email) Tony Tennyson (via email) Jason Storey (via email)

G474-11.3(21)b-9

Mine: **New Horizon 2 Mine** 

Pond Name: Pond 007

NPDES Permit & Outfall #s: CO-0000213

Date Examined: 17-April-2018

Location Description: One mile West of Nucla

Owner's Rep.: Frank Ferris, Mine Manager

Pond Type: Partly Incised

CDRM & S #: **C-1981-008** 

Date Last Examined: 25-January-2018 Legal Location: Sec 6 of T46N R15W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

1.	Seepage	e (specify location, color, and approx. volume)	Yes	*	N/A
2.	Cracks o	or scarps on crest or slopes	Yes	*	N/A
3.	Sloughi	ng or bulging on slopes	Yes	X	N/A
4.	Major e	rosion problems	Yes	16	N/A
5.	Surface	movements in valley bottom or on hillside	Yes	X	N/A
6.	Water i	mpounded against toe	Yes	X	N/A
7.	Clogging				
	a)	Spillway channels and pipes	Yes	X	N/A
	b)	Decant system	Yes	K	N/A
	c)	Diversion Ditches	Yes	<b>16</b>	N/A
8.	Cracking	g or crushing of pipes			
	a)	Spillway pipes	Yes	X	N/A
	b)	Decant system	Yes	<b>16</b>	N/A
9.	Trash ra	cks clear and in place	<b>V</b> S	No	N/A
10.	Monitoring instrumentation is in place		***	No	N/A

Comments: Water in pond, not discharging

Mine: New Horizon 2 Mine Owner's Rep.: Frank Ferris, Mine Manager

Pond Name: Pond 008 Pond Type: Partly Incised NPDES Permit & Outfall #s: CO-0000213 CDRM & S #: C-1981-008

Date Examined: 17-April-2018 Date Last Examined: 25-January-2018

Location Description: 1.5 miles West of Nucla Legal Location: Sec 6 of T46N R15W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

1.	Seepage (specify location, color, and approx. volume)			×	N/A
2.	Cracks	or scarps on crest or slopes	Yes	<b>%</b>	N/A
3.	Slough	ing or bulging on slopes	Yes	<b>36</b>	N/A
4.	Major	erosion problems	Yes	X	N/A
5.	Surfac	e movements in valley bottom or on hillside	Yes	N.	N/A
6.	Water	impounded against toe	Yes	1	N/A
7.	Cloggi	ng			
	a)	Spillway channels and pipes	Yes	) R	N/A
	b)	Decant system	Yes	*	N/A
	c)	Diversion Ditches	Yes	<b>%</b>	N/A
8.	Crackii	ng or crushing of pipes		**	
	a)	Spillway pipes	_ Yes	*	N/A
	b)	Decant system	Yes	<b>1</b>	N/A
9.	Trash racks clear and in place		<b>X</b> s	No	N/A
10.	Monitoring instrumentation		Yes	<b>%</b>	N/A

#### Comments:

Mine: New Horizon 2 Mine Pond Name: **Pond 009** 

NPDES Permit & Outfall #s: CO-0000213

12-April-2018 Date Examined:

Location Description: 2 miles NW of Nucla

Owner's Rep.: Frank Ferris, Mine Manager

**Partly Incised** Pond Type:

CDRM & S #: C-1981-008

Date Last Examined: 25-January-2018 Legal Location: Sec 36 of T47N R16W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

1.	Seepag	e (specify location, color, and approx. volume)	Yes	<b>%</b>	N/A
2.	Cracks	or scarps on crest or slopes	Yes	36	N/A
3.	Sloughi	ng or bulging on slopes	Yes	<b>*</b>	N/A
4.	Major e	rosion problems	Yes	<b>%</b>	N/A
5.	Surface	movements in valley bottom or on hillside	Yes	M	N/A
6.	Water i	mpounded against toe	Yes	×	N/A
7.	Cloggin	g			
	a)	Spillway channels and pipes	Yes	X	N/A
	b)	Decant system	Yes	<b>%</b>	N/A
	c)	Diversion Ditches	Yes	1	N/A
8.	Crackin	g or crushing of pipes			
	a)	Spillway pipes	Yes	<b>K</b>	N/A
	b)	Decant system	Yes	<b>%</b>	N/A
9.	Trash ra	acks clear and in place	<b>X</b> s	No	N/A
10.	Monito	ring instrumentation	Yes	×	N/A

Comments: dry

Mine: New Horizon 2 Mine

Pond Name: Pond 012

NPDES Permit & Outfall #s: CO-0000213

Date Examined:

17-April-2018

Location Description: 2 miles NW of Nucla

Owner's Rep.: Frank Ferris, Mine Manager

Pond Type:

**Partly Incised** 

CDRM & S #:

C-1981-008

Date Last Examined: **25-January-2018** 

Legal Location: Sec 36 of T47N R16W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

1.	Seep	age (specify location, color, and approx. volume)	Yes	<b>%</b>	N/A
2.	Cracl	cs or scarps on crest or slopes	Yes	X	N/A
3.	Sloug	ghing or bulging on slopes	Yes	<b>%</b>	N/A
4.	Majo	r erosion problems	Yes	<b>K</b>	N/A
5.	Surfa	ce movements in valley bottom or on hillside	Yes	<b>1</b>	N/A
6.	Wate	er impounded against toe	Yes	<b>%</b>	N/A
7.	Clogging				
	a)	Spillway channels and pipes	Yes	<b>%</b>	N/A
	b)	Decant system	Yes	13/6	N/A
	c)	Diversion Ditches	Yes	1	N/A
8.	Crack	ring or crushing of pipes			
	a)	Spillway pipes	Yes	r <b>X</b>	N/A
	b)	Decant system	Yes	<b>%</b>	N/A
9.	Trash	racks clear and in place	<b>v</b> }	No	N/A
10.	Moni	itoring instrumentation	Yes	<b>1</b> 16	N/A

Comments: dry

Mine: New Horizon 2 Mine

Pond Name: Pond 013

NPDES Permit & Outfall #s: CO-0000213

Date Examined:

12-April-2018

Location Description: 2 miles West of Nucla

Owner's Rep.: Frank Ferris, Mine Manager

Pond Type:

**Partly Incised** 

CDRM & S #:

C-1981-008

Date Last Examined: 25-January-2018 Legal Location: Sec 36 of T47N R16W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

1.	Seep	age (specify location, color, and approx. volume)	Yes	*	N/A
2.	Crack	cs or scarps on crest or slopes	Yes	1 <mark>X</mark>	N/A
3.	Sloug	ghing or bulging on slopes	Yes	X	N/A
4.	Majo	Major erosion problems		N	N/A
5.	Surfa	ce movements in valley bottom or on hillside	Yes	<b>%</b>	N/A
6.	Wate	er impounded against toe	Yes	<b>%</b>	N/A
7.	Clogg	ging			
	a)	Spillway channels and pipes	Yes	*	N/A
	b)	Decant system	Yes	<b>%</b>	N/A
	c)	Diversion Ditches	Yes	<b>X</b>	N/A
8.	Cracl	king or crushing of pipes			
	a)	Spillway pipes	Yes	<b>N</b>	N/A
	b)	Decant system	Yes	<b>16</b>	N/A
9.	Trash	racks clear and in place	<b>Y</b>	No	N/A
10.	Moni	itoring instrumentation Flume in place & functioning	<b>V</b> s	No	N/A

Comments: Pond discharging, cleared weeds from valves

Mine: New Horizon 2 Mine

Pond Name: P

Pond 015

NPDES Permit & Outfall #s: CO-0000213

Date Examined:

17-April-2018

Location Description: 2 miles West of Nucla

-**0000213** CDRM & S #:

Aprii-2018

Date Last Examined:

Pond Type:

25-January-2018

Legal Location: Sec 36 of T47N R16W

Owner's Rep.: Frank Ferris, Mine Manager

**Partly Incised** 

C-1981-008

Inspector's Name: Frank Ferris

### Circle or Write appropriate Response

1.	Seep	age (specify location, color, and approx. volume)	Yes	<b>Ab</b>	N/A
2.	Cracl	ks or scarps on crest or slopes	Yes	*	N/A
3.	Sloug	ghing or bulging on slopes	Yes	<b>%</b>	N/A
4.	Majo	r erosion problems	Yes	<b>16</b>	N/A
5.	Surfa	ce movements in valley bottom or on hillside	Yes	M	N/A
6.	Wate	er impounded against toe	Yes	<b>1</b>	N/A
7.	Clog	ging			
	a)	Spillway channels and pipes	Yes	No	NA
	b)	Decant system	Yes	No	NA
	c)	Diversion Ditches	Yes	<b>%</b>	N/A
8.	Cracl	king or crushing of pipes			
	a)	Spillway pipes	Yes	No	N A
	b)	Decant system	Yes	No	NA
9.	Trash	n racks clear and in place	Yes	No	I <mark>N/</mark> A
10.	Mon	itoring instrumentation	Yes	No	NA

Comments:

Dry

Mine: New Horizon 2 Mine

Pond Name:

**Pond 016** 

NPDES Permit & Outfall #s: CO-0000213

Date Examined: 12-April-2018

Location Description: 2 miles West of Nucla

Owner's Rep.: Frank Ferris, Mine Manager

Pond Type: **Partly Incised** 

CDRM & S #: C-1981-008

Date Last Examined: 25-January-2018 Legal Location: Sec 36 of T47N R16W

Inspector's Name: Frank Ferris

# Circle or Write appropriate Response

1.	Seep	age (specify location, color, and approx. volume)	Yes	No	N/A
2.	Crack	ks or scarps on crest or slopes	Yes	*	N/A
3.	Sloug	ghing or bulging on slopes	Yes	<b>%</b>	N/A
4.	Majo	r erosion problems	Yes	<b>%</b>	N/A
5.	Surfa	ce movements in valley bottom or on hillside	Yes	N	N/A
6.	Wate	er impounded against toe	Yes	<b>M</b>	N/A
7.	Clogs	ging			
	a)	Spillway channels and pipes	Yes	r <b>X</b>	N/A
	b)	Decant system	Yes	No	MA
	c)	Diversion Ditches	Yes	<b>X</b>	N/A
8.	Cracl	king or crushing of pipes			
	a)	Spillway pipes	Yes	No	NA
	b)	Decant system	Yes	No	NA
9.	Trash	n racks clear and in place	Yes	No	N/A
10.	Mon	itoring instrumentation	Yes	No	NA

Comments:

Dry

Mine: New Horizon 2 Mine Owner's Rep.: Frank Ferris, Mine Manager

Pond Name: Pond 018 Pond Type: Partly Incised

NIDDES Parmit 8: Outfall #s: CO-0000213 CDRM 8: S #: C-1981-008

NPDES Permit & Outfall #s: CO-0000213 CDRM & S #: C-1981-008

Date Examined: 17-April-2018 Date Last Examined: 25-Janu

Date Examined: 17-April-2018 Date Last Examined: 25-January-2018
Location Description: 0.1 miles West of Nucla
Legal Location: Sec 6 of T46N R15W

Inspector's Name: Frank Ferris

#### Circle or Write appropriate Response

		o appropriate response			
1.	Seepa	age (specify location, color, and approx. volume)	Yes	No	N/A
2.	Crack	s or scarps on crest or slopes	Yes	*	N/A
3.	Sloug	hing or bulging on slopes	Yes	<b>%</b>	N/A
4.	Majo	r erosion problems	Yes	<b>%</b>	N/A
5.	Surfa	ce movements in valley bottom or on hillside	Yes	M	N/A
6.	Wate	r impounded against toe	Yes	<b>)</b>	N/A
7.	Clogg	ing			
	a)	Spillway channels and pipes	Yes	<b>%</b>	N/A
	b)	Decant system	Yes	No	NA
	c)	Diversion Ditches	Yes	<b>%</b>	N/A
8.	Crack	ing or crushing of pipes			
	a)	Spillway pipes	Yes	No-	NA
	b)	Decant system	Yes	No	N
9.	Trash	racks clear and in place	Yes	No	N
10.	Moni	toring instrumentation	Yes	No	N

Comments: Dry