



TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC.

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

June 24, 2020

Mr. Zach Trujillo
Environmental Protection Specialist
Colorado Division of Reclamation Mining and Safety
Department of Natural Resources
1313 Sherman Street, Room 215
Denver, CO 80203

**RE: Colowyo Coal Mine L.P.
Permit No. C-1981-019
Annual Impoundment Inspections**

Dear Mr. Trujillo,

Tri-State Generation and Transmission Association Inc. (Tri-State), is the parent company to Axial Basin Coal Company, which is the general partner to Colowyo Coal Company L.P. Therefore, Tri-State on behalf of Colowyo, and in accordance with Rules 4.05.9(14) and 4.05.9(15), is submitting the enclosed annual impoundment and stock pond inspection reports.

If you should have any additional questions or concerns, please feel free to contact Tony Tennyson at (970) 824-1232.

Sincerely,

DocuSigned by:
Daniel Casiraro
B70D69F114324DE...

Daniel J. Casiraro
Senior Manager
Environmental Services

DJC:TT:der

Enclosure

cc: Tony Tennyson (via email)
Chris Gilbreath (via email)
Angela Aalbers (via email)
CF 21.1.2.2019
G471-11.3(21)h-4

Colowyo Coal Company L.P.
Permit No. C-1981-019

Annual Impoundment Inspections
2020

	Streeter Pond	Work Area Pond	Gossard Pond	Stoker Siding Pond	Rail Loop Pond	Prospect Pond	West Pit Pond	Section 16 Pond	East Taylor Pond	West Taylor Pond	Section 28 Pond
Inspection Date:	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020
Inspector:	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates
Rule 4.05.9 (15)(a) Does the pond exhibit erosion, instability, structural weakness, or other hazardous conditions?	No	No	No	No	No	No	No	No	No	No	No
Rule 4.05.9(15)(b) Existing and required monitoring procedures.	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection
Rule 4.05.9(15)(b) Required Instrumentation	Parshall Flume In Place and Functioning	Parshall Flume Scheduled for Replacement.	Parshall Flume In Place and Functioning	Parshall Flume Scheduled for Replacement.	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning	Parshall Flume In Place and Functioning
Rule 4.05.9(15)(c) Depth of Impounded Water (ft)*	4.8	6.5	5.5	3.0	2.6	3.5	Dry	0.1	14.0	13.3	Dry
Rule 4.05.9(15)(c) Elevation of Impounded Water (ft)*	6583.0	7152.5	6387.3	6325.0	6348.5	6743.0	Dry	7740.1	6944.0	7468.3	Dry
Rule 4.05.9(15)(d) Existing Storage Capacity (ac-ft)**	1.72	9.64	2.49	0.33	0.82	0.91	4.35	1.15	0.42	1.34	1.67
Rule 4.05.9(15)(e) Any additional items effecting stability or maintenance items	None	Primary inlet scheduled to be fixed.	None	Primary spillway and walkway foundations scheduled for replacement.	None	None	None	None	Sediment scheduled to be cleaned out.	None	None

* Moment in time measurement of the elevation of the top of the captured pool of water within the pond.

**Impoundments volumes are estimated from pre-existing as-built surveys and estimates of accumulated sediment.

I am a Licensed Professional Engineer in the State of Colorado. The information contained in this document was provided by Colowyo Coal L.P. Being familiar with the Colowyo operation, and relying on the information provided to me by Colowyo Personnel, the information contained herein is reasonable and correct to the best of my knowledge and experience.



Colowyo Coal Company L.P.
Permit No. C-1981-019

Annual Impoundment Inspections
2020

	Temporary Facilities Pond	Wilson Storage Pond	Section 36 Pond	Middle Pond	Section 25 Pond	Coal Stockpile	Sidehill Pond	Section 26 Pond
Inspection Date:	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020
Inspector:	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates
Rule 4.05.9 (15)(a) Does the pond exhibit erosion, instability, structural weakness, or other hazardous conditions?	Erosion on cut inslopes scheduled to be fixed.	Erosion on inslopes scheduled to be fixed.	No	Erosion on inslopes and outslopes scheduled to be fixed.	No	No	No	No
Rule 4.05.9(15)(b) Existing and required monitoring procedures.	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection
Rule 4.05.9(15)(b) Required Instrumentation	Not Applicable - Nondischarging Structure	Not Applicable - Nondischarging Structure	None	None	Parshall flume in place and functioning	Not Applicable - Nondischarging Structure	None	Parshall Flume in Place and scheduled for maintenance
Rule 4.05.9(15)(c) Depth of Impounded Water (ft)*	Dry	3.0	11.0	9.0	0.5	4.0	5.7	11.5
Rule 4.05.9(15)(c) Elevation of Impounded Water (ft)*	Dry	6410.0	7116.0	7057.0	6855.5	7214.0	7159.7	6980.5
Rule 4.05.9(15)(d) Existing Storage Capacity (ac-ft)**	0.38	3.23	0.91	1.56	6.68	1.28	5.78	2.02
Rule 4.05.9(15)(e) Any additional items effecting stability or maintenance items	None	None	Sediment scheduled to be cleaned out.	None	Gate valve schedule to be removed	None	None	None

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Annual Stock Pond Inspections
2020

	PD1	PD2	NTEP1	EP1	EP2	ET1	ET2	ETD1
Inspection Date:	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020
Inspector:	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates	Brian Coates
Rule 4.05.9 (15)(a) Does the pond exhibit erosion, instability, structural weakness, or other hazardous conditions?	No	No	No	No	No	No	No	Spillway erosion is scheduled for repair.
Rule 4.05.9(15)(b) Existing and required monitoring procedures.	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection	Annual Inspection
Rule 4.05.9(15)(b) Required Instrumentation	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Rule 4.05.9(15)(c) Depth of Impounded Water (ft)*	6.0	3.0	0.5	5.8	11.0	2.5	10.0	2.0
Rule 4.05.9(15)(c) Elevation of Impounded Water (ft)*	7354.0	7559.0	7378.5	7375.8	7495.0	7285.5	7453.0	7285.0
Rule 4.05.9(15)(d) Existing Storage Capacity (ac-ft)**	0.92	1.45	1.98	1.21	2.08	0.70	2.30	0.86
Rule 4.05.9(15)(e) Any additional items effecting stability or maintenance items	Impounded water scheduled to be pumped	Impounded water scheduled to be pumped	None	Impounded water scheduled to be pumped	Impounded water scheduled to be pumped	None	None	None

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