

# NEW ELK COAL COMPANY



May 15, 2019

Rob Zuber  
Division of Reclamation, Mining and Safety  
1313 Sherman St., Rm. 215  
Denver, Colorado 80203

Re: Lorencito Canyon Mine  
Permit C-1996-084  
2018 ARR Review Response

Dear Mr. Zuber:

The following items were corrected from the original ARR submittal, the corrected ARR form and a calculation sheet generated from areas of the map via Autocad is attached:

1. The 27.2 acres that were Phase III released have been added to the acres disturbed.
2. Attached is a sheet for the calculation of acres for the entire Lorencito Canyon Mine. The total acres disturbed value including the Phase III released area, ponds, borrow area-3, and roads to ponds is 155.34 acres.
3. New Elk Staff will have to clarify this question with the Division.
4. The value of 5.9 acres was the area of the ponds, but not the roads. The calculation sheet attached shows the acreage of the roads to be 6.78 acres and the ponds at 6.21 acres. The difference can be attributed to old numbers being carried from past calculations and using modern technology to get more accurate numbers. The total value for long-term facilities should be 12.99 acres. Also, with the explanation below for 5, the roads and ponds are both permitted for permanent facilities, so this value will be moved to the permanent facilities.

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5. The ponds and roads are permitted to be permanent per pages 2.05-62 and 2.05-62a of the PAP. Page 2.05-62a was added as part of TR-08.
6. The 1.8 acres is for Borrow Area-3, but the area was measured at 1.4 acres on the map. BA-3 is permitted for 2.7 acres of disturbance. In 2006, 1.4 acres of BA-3 was disturbed as documented with the 2006 ARR attached. The following year another 0.4 acres of BA-3 were disturbed as documented with the 2007 ARR. The 1.4 acres disturbed in 2006 were reclaimed in 2007 but the reclamation was not reflected in the ARR form. The remaining 0.4 acres was reclaimed in 2009 documented in the 2009 ARR.
7. See the above explanation from 6 for the documentation.

Sincerely,

  
Nicholas Mason

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – \_\_\_\_\_

Mine Name	Permit Number	Permittee
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### Address

This report, required by Rule 2.04.13, is due by February 15 of each year, or other date, as agreed upon by the Division. It should include text, discussion, and maps, at a minimum, in addition to any other reclamation monitoring data as required by the approved permit. The location of the acreage reported under each land status category and year of seeding (if applicable) should be clearly identified on a map included with the report.

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acreage in Active Mining Areas <sup>1</sup>				=	

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed <sup>2</sup>				=	
Acres Backfilled and Graded				=	
Acres Topsoiled				=	

Acreage in Long-term Facilities <sup>3</sup>	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Non-Permanent Facilities				=	
Permanent Facilities (permitted)				=	
Totals				=	

Acres Seeded (permanent)	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
9 Years and Less				=	
10 Years and Greater				=	
Totals				=	

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released				=	
Phase II Released				=	
Phase III Released				=	

<sup>1</sup>Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded

<sup>2</sup>Surface Mine Acres Disturbed = B&G + Long-Term Facilities + Active Mining Areas; Underground Mine Acres Disturbed = B&G + Long-Term Facilities; Separately-permitted Loadouts = B&G + Long-Term Facilities

<sup>3</sup>Includes haul, access and light-use roads, temporary dams and impoundments; permanent dams and impoundments; diversion and collector ditches, water and air monitoring sites; topsoil stockpiles; overburden stockpiles; repair, storage and construction areas; office area, repair shops, and parking; coal stockpiles, loading, and processing areas; railroads; coal conveyors; refuse piles and coal mine waste impoundments; head-of-hollow fills; valley fills; ventilation shafts and entryways; and non-coal waste disposal area (garbage dumps and coal combustion by-products disposal areas).

Calculation Sheet:

This calculation sheet was created by taking areas from map 2.05.3-7 in autocad.

Area	Acres
Surface Disturbance	119.77
Phase III Released	27.20
Pond 5	0.93
Pond 6	1.27
Pond 7	1.12
Pond 8	1.45
Pond 9	0.67
Pond 9a	0.77
Road to Pond 8	0.35
Road to Pond 9	0.13
Road to Pond 9a	0.28
Borrow Area 3	1.40
Total	155.34

Area of Roads	Acres
Main Road	6.02
Road to Pond 8	0.35
Road to Pond 9	0.13
Road to Pond 9a	0.28
Total Area of Roads	6.78

Area of Ponds	Acres
Pond 5	0.93
Pond 6	1.27
Pond 7	1.12
Pond 8	1.45
Pond 9	0.67
Pond 9a	0.77
Total Area of Ponds	6.21