



February 25, 2021

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

Re: Lorencito Canyon Mine
Permit C-1981-012
2020 Annual Reclamation Report

Dear Mr. Cunningham:

Enclosed is the Annual Reclamation Report form for 2020 for Lorencito Canyon Mine, calculation sheet for areas on the mine site, and 2020 ARR Map.

Activities in 2020 included noxious weed control using Tordon to combat occurrences of Canadian Thistle, Hounds-Tongue, and Knapweed. The entire mine site was sprayed for noxious weeds from the months of April to September. NECC also performed ditch and culvert maintenance as appropriate throughout the mine site. No new areas were graded, topsoiled, or seeded.

Areas of reclamation were regularly inspected for erosion including for the formation of rills or gullies that would require minor maintenance. Persisting rills were combated with the use of branches. NECC continues to work its way throughout the site to rid the site of all rills. These inspections, as required by the mine's Rill and Gully Inspection Plan were conducted at least monthly by NECC staff during the period from April to October and additionally, after significant precipitation events.

Major Changes to the 2020 ARR include revising the ARR Map and adjusting the calculation sheet based on some incidental acreage changes. The major changes are described below.

The map attached has modifications showing the surface disturbance as it is on the ground. This resulted in an incidental increase in the surface disturbance acreage by 4.01 acres. The areas have all been backfilled and graded as well as topsoiled and seeded. This is accounted for in this year's new acres added on the ARR report form attached. Again there has been no additional to the site in 2020.

Also, the map shows the ponds and roads leading to the ponds as disturbance. The roads and ponds throughout the mine site are permitted to stay. The map also shows Borrow Area-3 (BA-3) is estimated to be 1.8 acres. 1.4 acres were initially disturbed in 2006. In 2007 an additional

0.4 acres were disturbed. The initial 1.4 acres were reclaimed in 2007. The remaining 0.4 acres were reclaimed in 2009.

There was a minor change in the area of roads to pond 009 and 009a on the attached calculation sheet, as in last year's report they were accidentally switched. Also, it is made more clear on the calculation sheet that the road that is permitted to stay in the main road through the surface disturbance area.

Best Regards,

A handwritten signature in dark ink that reads "Nicholas Mason". The script is cursive and fluid, with the first name "Nicholas" and the last name "Mason" clearly legible.

Nick Mason

Lorencito Calculation Sheet

Disturbance	
Area	Acres
Surface Disturbance *	123.38
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	1.80
Total	159.35

* Incidental Change

Permanent Facilities	
Area of Roads	Acres
Main Road Through Surface Disturbance	6.02
Road to Pond 8	0.35
Road to Pond 9	0.28
Road to Pond 9a	0.13
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
Total Permanent Facilities	12.99

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 ¹				=	

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

Acreage in Long-term Facilities ³	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				=	

¹Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded

²Surface 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

³Includes 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).