

MEMORANDUM TO FILE

Date: December 9, 2022
To: Keenesburg file, Permit C-1981-028
From: Rob Zuber, P.E.
Re: Review of 2021 Annual Reclamation Report

Regarding the ARR form, on 9 August 2022 I determined that the attached is accurate. Also, I emailed Jason Musick with this information, including the form. Next year (the 2022 ARR form), should reflect re-seeding and a bond release. I discussed this with Ben Moline of Coors Energy Company.

Regarding the other portions of the Annual Reclamation Report, no problems were identified.

Colorado Division of Reclamation, Mining and Safety

Annual Reclamation Report for Calendar Year – 2021

Kennesburg Mine

C-1981-028

Coors Energy Company

Mine Name

Permit Number

Permittee

PO Box 4030 Golden, CO 80402

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	0	0	0	=	0.00

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed ²	443.53	0	0	=	443.53
Acres Backfilled and Graded	373.16	0	0	=	373.16
Acres Topsoiled	373.16	0	0	=	373.16

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	0	0	0	=	0
Permanent Facilities (permitted)	70.37	0	0	=	70.37
Totals	70.37			=	70.37

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	129.68	0	0	=	129.68
10 Years and Greater	233.59	0	0	=	233.59
Totals	363.27			=	363.27

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released	333.36	0	0	=	333.36
Phase II Released	272.07	0	0	=	272.07
Phase III Released	263.70	0	0	=	263.70

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).

February 8, 2019