



STATE OF  
COLORADO

Zuber - DNR, Rob <rob.zuber@state.co.us>

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## Bowie #1, review of 2021 ARR form

1 message

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Zuber - DNR, Rob <rob.zuber@state.co.us>

Tue, May 3, 2022 at 11:00 AM

To: Basil Bear <basilbear@wolverinefuels.com>, Tamme Bishop <tamme.jestover@bresnan.net>

Hello, Basil and Tamme -

Please see my attached letter and let me know if you have any questions.

Rob

Rob Zuber, P.E.  
Environmental Protection Specialist  
Active Mines Regulatory Program



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

*I am working remotely and can be reached by cell at 720.601.2276.*

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Denver, CO 80203

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Denver, CO 80216

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**2021ARR\_Bowie1\_DRMS\_initial\_review\_with\_enclosure.pdf**

244K



May 3, 2022

Basil Bear  
Bowie Resources, LLC (BRL)  
P.O. Box 1488  
Paonia, CO 81428

**Re: Bowie No. 1 Mine, Permit C-1981-38,  
Initial review of the 2021 ARR, with focus on the ARR form**

Dear Mr. Bear:

On February 15, 2022, the Division received BRL's 2021 Annual Reclamation Report (ARR). I have the following issues regarding the ARR form:

1. The values in the left column in the 2021 ARR must match the values in the right column of the ARR from the previous year (2020).
2. Per the supporting text in the ARR, 17.11 acres were reseeded in 2011, and these acres should be added to the 10 years category and subtracted from the less than 10 year category.
3. The additional Phase III value for 2021 should be 10.38 acres, not 13.38. Also, 0.51 acres should be added for Phase II. These values are based on the final released acreage values from bond release SL-07.

I have included a revised ARR form with the updated acreages. Please let me know if you agree or disagree with my edits. As always, call or e-mail me with any questions related to this review, and/or submit a formal response via the Division's ePermitting system.

Thank you,

Robert D. Zuber, P.E.  
Environmental Protection Specialist

Enclosure

Cc via email: Tamme Bishop, J.E. Stover & Associates, Inc. (with enclosure)



# Colorado Division of Reclamation, Mining and Safety

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

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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)				=	
<b>Totals</b>				=	

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				=	
<b>Totals</b>				=	

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).