



STATE OF
COLORADO

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

C1980007, West Elk Mine, 2018 ARR Review

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

Wed, Aug 14, 2019 at 3:26 PM

To: "Welt, Kathy" <KWelt@archcoal.com>

Thanks Kathy.
It looks good now.

Leigh Simmons
Environmental Protection Specialist



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

P 303.866.3567 x 8121 | C 720.220.1180 | F 303.832.8106

1313 Sherman Street, Room 215, Denver, CO 80203

leigh.simmons@state.co.us | <http://mining.state.co.us/>

On Wed, Aug 14, 2019 at 3:11 PM Welt, Kathy <KWelt@archcoal.com> wrote:

Sorry - thought I caught all those changes. Here's the new revised report!

Kathy Welt,

Environmental Engineer III

Mountain Coal Company, LLC

West Elk Mine

5174 Highway 133

Somerset, CO 81434

Phone (970) 929-2238

Cell (970) 433-1022

From: Simmons - DNR, Leigh <leigh.simmons@state.co.us>

Sent: Wednesday, August 14, 2019 2:55 PM

To: Welt, Kathy <KWelt@archcoal.com>

Subject: Re: C1980007, West Elk Mine, 2018 ARR Review

Thanks Kathy.

There's one small error remaining on the 2018 form (see attached), can you make the correction and re-send?

There was some discussion about how to account for acreages involved in bond releases when the approval date was at the end of a year and the comment period spread into the next year, and it was decided that we should go with the date of the proposed decision since that is the date on the findings document.

Leigh Simmons

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On Mon, Aug 12, 2019 at 11:43 AM Welt, Kathy <KWelt@archcoal.com> wrote:

Leigh,

Attached are the corrected forms for 2017 and 2018. As noted on the original forms submitted earlier this year, we had mistakenly noted that SL-9 received final approval in January 2018, but was actually approved in January of 2017.

Kathy Welt,

Environmental Engineer III

Mountain Coal Company, LLC

West Elk Mine

5174 Highway 133

Somerset, CO 81434

Phone (970) 929-2238

Cell (970) 433-1022

From: Simmons - DNR, Leigh <leigh.simmons@state.co.us>

Sent: Thursday, July 25, 2019 4:13 PM

To: Welt, Kathy <KWelt@archcoal.com>

Cc: DNR DRMS_CoalAdmin - DNR <dnr_drms_coal_admin@state.co.us>

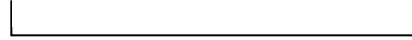
Subject: C1980007, West Elk Mine, 2018 ARR Review

Kathy,

My review letter is attached, (there is one issue for you to respond to).

Leigh Simmons

Environmental Protection Specialist



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Colorado Division of Reclamation, Mining and Safety

Annual Reclamation Report for Calendar Year – 2018 (corrected 8/12/19)

West Elk Mine

C-1980-007

Mountain Coal Company, LLC

Mine Name

Permit Number

Permittee

5174 Highway 133, Somerset, CO 81434

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	NA	NA	NA	=	NA

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed ²	525.26	7.82	0.00	=	533.08
Acres Backfilled and Graded	132.59	7.3	0.00	=	139.89
Acres Topsoiled	132.59	7.3	0.00	=	139.89

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	392.67	7.82	7.3	=	393.19
Permanent Facilities (permitted)	0.00	0.00	0.00	=	0.00
Totals	392.67			=	393.19

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	71.18	7.3	2.00	=	76.48
10 Years and Greater	39.35	2.00	0.00	=	41.35
Totals	110.53			=	117.83

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released	121.25	0.00	0.00	=	121.25
Phase II Released	67.60	0.00	0.00	=	67.60
Phase III Released	46.3	0.00	0.00	=	46.3

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).

Colorado Division of Reclamation, Mining and Safety

Annual Reclamation Report for Calendar Year – 2017 (corrected 8/12/19)

West Elk Mine

C-1980-007

Mountain Coal Company, LLC

Mine Name

Permit Number

Permittee

5174 Highway 133, Somerset, CO 81434

Address

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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	NA	NA	NA	=	NA

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed ²	516.30	8.96	0.00	=	525.26
Acres Backfilled and Graded	121.73	10.86	0.00	=	132.59
Acres Topsoiled	121.73	10.86	0.00	=	132.59

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	394.57	8.96	10.86	=	392.67
Permanent Facilities (permitted)	0.00	0.00	0.00	=	0.00
Totals	394.57			=	392.67

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	62.82	10.86	2.50	=	71.18
10 Years and Greater	58.95	2.50	22.1	=	39.35
Totals	121.77			=	110.53

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released	121.25	0.00	0.00	=	121.25
Phase II Released	67.60	0.00	0.00	=	67.60
Phase III Released	24.2	22.1	0.00	=	46.3

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).