



*"Safety as a Value"*

Telephone: 970.385.4528  
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GCC Energy, LLC  
6473 County Road 120  
Hesperus, CO 81326

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February 11, 2019

State of Colorado  
Division of Mining, Reclamation & Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Attention: Brock Bowles, Environmental Protection Specialist

Re: King Coal Mine, Permit #C-1981-035: RY 2018 Annual Reclamation Report

Dear Mr. Bowles:

Please find attached the Report Year 2018 Annual Reclamation Report for the King I and King II mines.

Every effort has been made to incorporate previous and new data into the new report format released in 2018.

Please contact me at (970) 385-4528 x 6503, or (970) 769-1160 if you have any questions or comments.

Sincerely,

Tom Bird

A handwritten signature in black ink, appearing to read 'Tom Bird', with a large, stylized loop at the end.

Manager of Coal Services  
GCC Energy, LLC

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2018

King I & King II (Combined)	C-1981-035	GCC Energy, LLC
Mine Name	Permit Number	Permittee
6473 C.R. 120, Hesperus, CO 81326		
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>	40.41	0.33	0.00	=	40.74

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>	40.41	0.33	0.00	=	40.74
Acres Backfilled and Graded	1.69	0.00	0.00	=	1.69
Acres Topsoiled	1.69	0.00	0.00	=	1.69

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	0.00	0.00	0.00	=	0.00
Permanent Facilities (permitted)	38.72	0.33	0.00	=	39.05
Totals	38.72			=	39.05

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	1.69	0.00	1.00	=	0.69
10 Years and Greater	0.00	1.00	0.00	=	1.00
Totals	0.69			=	1.69

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

<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).

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2018

King I	C-1981-035	GCC Energy, LLC
Mine Name	Permit Number	Permittee
6473 C.R. 120, Hesperus, CO 81326		
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>	15.42	0.33	0.00	=	15.75

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>	15.42	0.33	0.00	=	15.75
Acres Backfilled and Graded	0.69	0.00	0.00	=	0.69
Acres Topsoiled	0.69	0.00	0.00	=	0.69

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	0.00	0.00	0.00	=	0.00
Permanent Facilities (permitted)	14.73	0.33	0.00	=	15.06
Totals	14.73			=	15.06

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	0.69	0.00	0.00	=	0.69
10 Years and Greater	0.00	0.00	0.00	=	0.00
Totals	0.69			=	0.69

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

<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).

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2018

King II	C-1981-035	GCC Energy, LLC
Mine Name	Permit Number	Permittee
6473 C.R. 120, Hesperus, CO 81326		
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>	24.99	0.00	0.00	=	24.99

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>	24.99	0.00	0.00	=	24.99
Acres Backfilled and Graded	1.00	0.00	0.00	=	1.00
Acres Topsoiled	1.00	0.00	0.00	=	1.00

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	0.00	0.00	0.00	=	0.00
Permanent Facilities (permitted)	23.99	0.00	0.00	=	23.99
Totals	23.99			=	23.99

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	1.00	0.00	1.00	=	0.00
10 Years and Greater	0.00	1.00	0.00	=	1.00
Totals	1.00			=	1.00

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

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

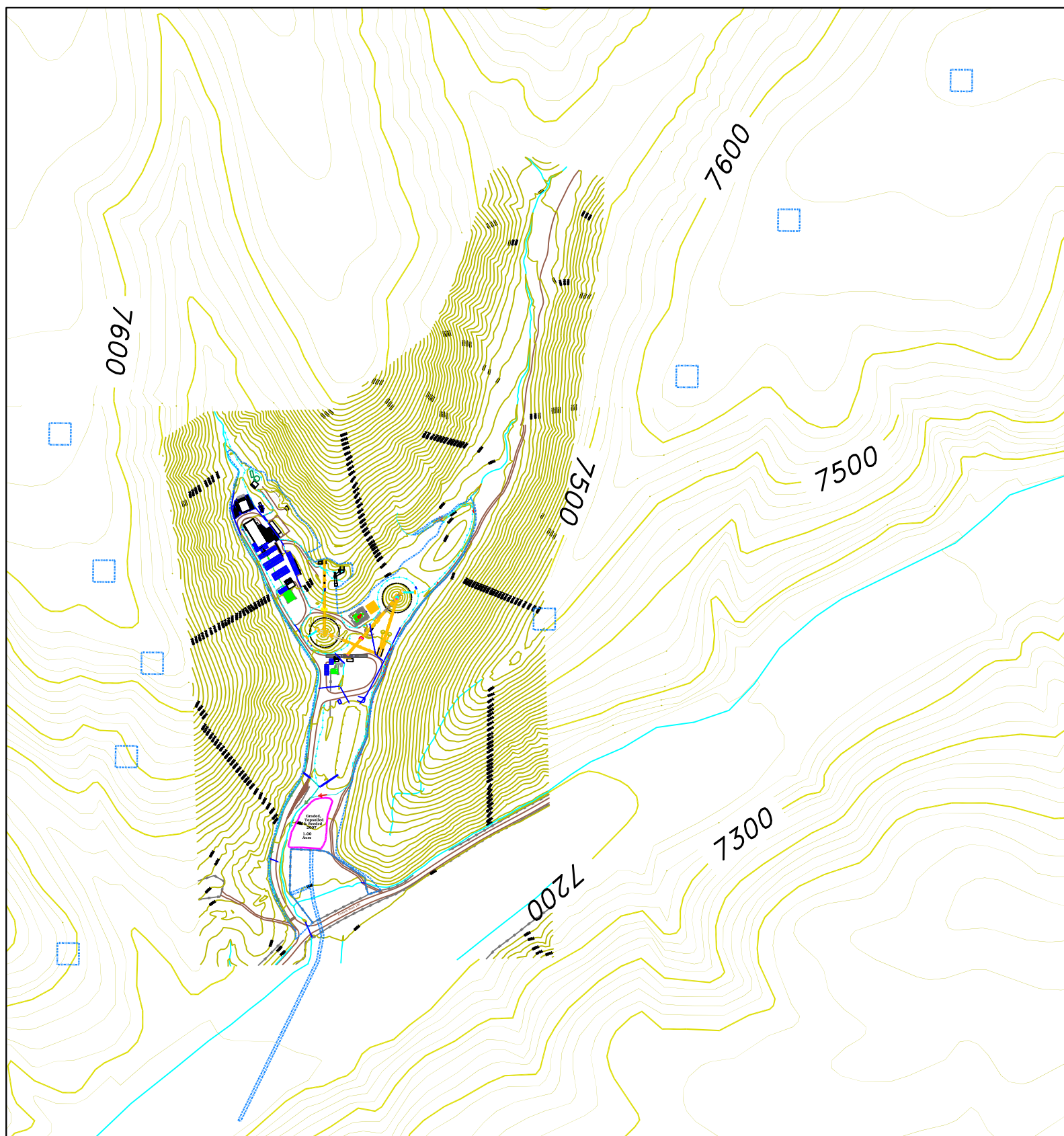
<sup>2</sup>Surface Mine Acres Disturbed = B&G + Long-Term Facilities + Active Mining Areas; Underground Mine Acres Disturbed = B&G + Long-Term Facilities; Separately-permitted Loadouts = B&G + Long-Term Facilities

<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).









Colorado Mining Permit C-1981-035  
MSHA ID# 05-04864

**King II Mine**  
**6473 County Road 120**  
**Hesperus, CO 81326**  
**Annual Reclamation Report, 2018**  
--- Surface Actual Disturbance Boundary  
--- Reclaimed Areas

Date: February 11, 2019 Scale: 1" = 700' Drawn By: Tom Bird