



*"Safety as a Value"*

Telephone: 970.385.4528  
Facsimile: 970.385.4638

GCC Energy, LLC  
6473 County Road 120  
Hesperus, CO 81326

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February 14, 2020

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

Attention: Janet Binns, Environmental Protection Specialist III

Re: King Coal Mine, Permit #C-1981-035: RY 2019 Annual Reclamation Report

Dear Ms. Binns:

Please find attached the Report Year 2019 Annual Reclamation Report for the King I and King II mines.

Please contact me at (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 flourish at the end.

GCC Energy, LLC

# Colorado Division of Reclamation, Mining and Safety

Annual Reclamation Report for Calendar Year – 2019

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<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|---|--|--------------------|----------------------|---|------------------|
|   |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acreage in Active Mining Areas <sup>1</sup> | 0.00   | 0.00               | 0.00                 | = | 0.00             |

| Land Category                | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|------------------------------|--|--------------------|----------------------|---|------------------|
|                              |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acres Disturbed <sup>2</sup> | 15.75  | 2.96               | 0.00                 | = | 18.71            |
| 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<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--|--|--------------------|----------------------|---|------------------|
|  |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Non-Permanent Facilities                     | 13.84  | 2.96               | 0.00                 | = | 16.80            |
| Permanent Facilities (permitted)             | 1.22   | 0.00               | 0.00                 | = | 1.22             |
| Totals                                       | 15.06  |                    |                      | = | 18.02            |

| Acres Seeded (permanent) | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--------------------------|--|--------------------|----------------------|---|------------------|
|                          |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| 9 Years and Less         | 0.69   | 0.00               | 0.69                 | = | 0.00             |
| 10 Years and Greater     | 0.00   | 0.69               | 0.00                 | = | 0.69             |
| Totals                   | 0.69   |                    |                      | = | 0.69             |

| Bond Release       | Last Year's Cumulative Total<br>(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 – 2019

King II C-1981-035 + GCC Energy, LLC +  
 Mine Name Permit Number Permittee

6473 C.R. 120, Hesperus, CO 81326

Address

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| Land Category                               | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|---|--|--------------------|----------------------|---|------------------|
|   |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acreage in Active Mining Areas <sup>1</sup> | 0.00   | 0.00               | 0.00                 | = | 0.00             |

| Land Category                | Last Year's Cumulative Total<br>(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<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--|--|--------------------|----------------------|---|------------------|
|  |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Non-Permanent Facilities                     | 23.99  | 0.00               | 0.00                 | = | 23.99            |
| Permanent Facilities (permitted)             | 0.00   | 0.00               | 0.00                 | = | 0.00             |
| Totals                                       | 23.99  |                    |                      | = | 23.99            |

| Acres Seeded (permanent) | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--------------------------|--|--------------------|----------------------|---|------------------|
|                          |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| 9 Years and Less         | 0.00   | 0.00               | 0.00                 | = | 0.00             |
| 10 Years and Greater     | 1.00   | 0.00               | 0.00                 | = | 1.00             |
| Totals                   | 1.00   |                    |                      | = | 1.00             |

| Bond Release       | Last Year's Cumulative Total<br>(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 – 2019

King I & King II (Combined) C-1981-035 **+** GCC Energy, LLC **+**  
 Mine Name Permit Number Permittee

6473 C.R. 120, Hesperus, CO 81326

Address

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| Land Category                               | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|---|--|--------------------|----------------------|---|------------------|
|   |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acreage in Active Mining Areas <sup>1</sup> | 0.00   | 0.00               | 0.00                 | = | 0.00             |

| Land Category                | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|------------------------------|--|--------------------|----------------------|---|------------------|
|                              |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Acres Disturbed <sup>2</sup> | 40.74  | 2.96               | 0.00                 | = | 43.70            |
| 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<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--|--|--------------------|----------------------|---|------------------|
|  |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| Non-Permanent Facilities                     | 37.83  | 2.69               | 0.00                 | = | 40.52            |
| Permanent Facilities (permitted)             | 1.22   | 0.00               | 0.00                 | = | 1.22             |
| Totals                                       | 39.05  |                    |                      | = | 41.74            |

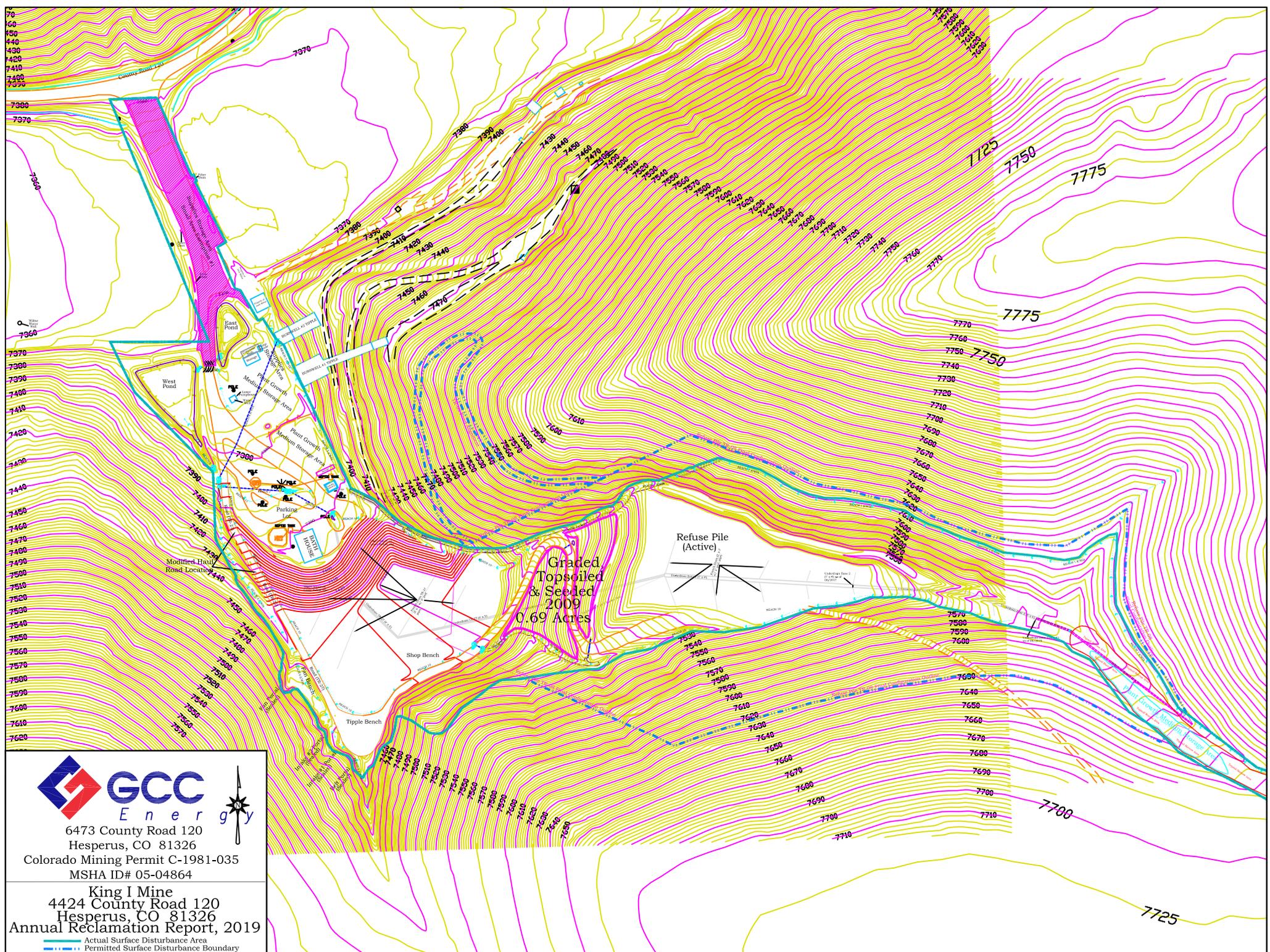
| Acres Seeded (permanent) | Last Year's Cumulative Total<br>(from last year's ARR) | This Calendar Year |                      | = | Cumulative Total |
|--------------------------|--|--------------------|----------------------|---|------------------|
|                          |  | Acres Added (+)    | Acres Subtracted (-) |   |                  |
| 9 Years and Less         | 0.69   | 0.00               | 0.69                 | = | 0.00             |
| 10 Years and Greater     | 1.00   | 0.69               | 0.00                 | = | 1.69             |
| Totals                   | 0.69   |                    |                      | = | 1.69             |

| Bond Release       | Last Year's Cumulative Total<br>(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

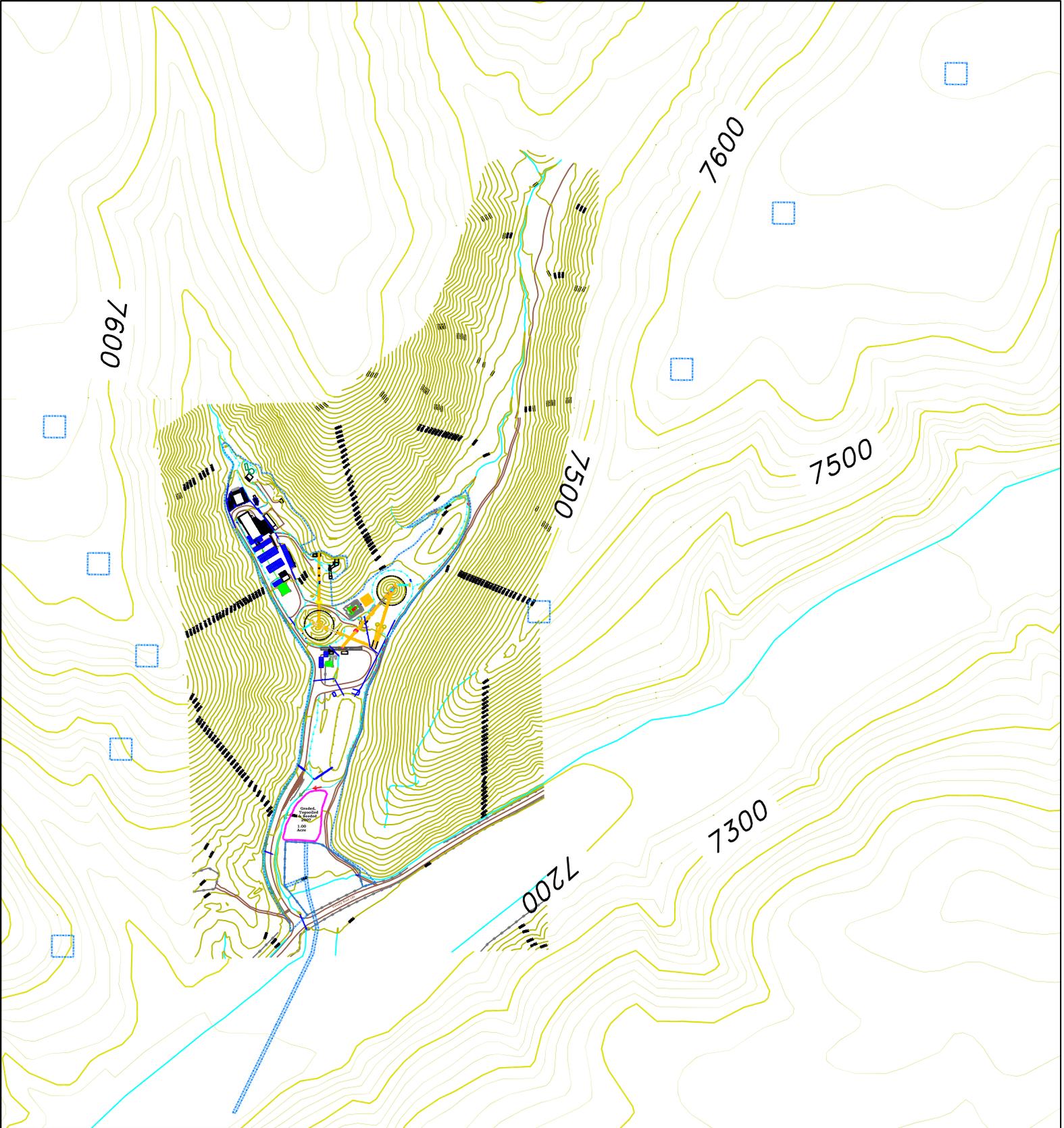
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6473 County Road 120  
 Hesperus, CO 81326  
 Colorado Mining Permit C-1981-035  
 MSHA ID# 05-04864

King I Mine  
 4424 County Road 120  
 Hesperus, CO 81326  
 Annual Reclamation Report, 2019

Actual Surface Disturbance Area  
 Permitted Surface Disturbance Boundary  
 Reclaimed Areas



6473 County Road 120  
Hesperus, CO 81326  
Colorado Mining Permit C-1981-035  
MSHA ID# 05-04864

**King II Mine**  
6473 County Road 120  
Hesperus, CO 81326  
**Annual Reclamation Report, 2019**