

STATE OF
COLORADO

West - DNR, Lucas <lucas.west@state.co.us>

C-1981-035 King Partial Inspection Report March 2024

1 message

West - DNR, Lucas <lucas.west@state.co.us>

Wed, Apr 3, 2024 at 11:01 AM

To: McCourt Jordan <jmccourt@gcc.com>, Wymore Wade <wwymore@gcc.com>, Dickson Michael <mdickson@gcc.com>, Clayton Wein - DNR <clayton.wein@state.co.us>, DNR DRMS_CoalAdmin - DNR <dnr_drms_coal_admin@state.co.us>

Good Morning All,

Please find the attached inspection report from our visit last week. No maintenance items were identified, let me know if you have any questions. Thanks!

Lucas

Lucas West

Environmental Protection Specialist

Minerals Program, Grand Junction Field Office



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

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lucas.west@state.co.us | <https://drms.colorado.gov/>**C-1981-035 March 2024 Partial Inspection Report.pdf**


2674K



PERMIT INFORMATION

Permit Number: C-1981-035 Mine Name: King Coal Mine Operator: GCC Energy, LLC Operator Address: Mr Jordan McCourt 6473 County Road 120 Hesperus, CO 81326	County: La Plata Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: Micheal Dickson
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 27, 2024 Inspection Start Time: 15:40 Inspection End Date: March 27, 2024 Inspection End Time: 16:35	Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Lucas West	Inspector's Signature:  Signature Date:

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

N - Roads

N - Availability of Records

N - Reclamation Success

N - Backfill & Grading

N - Revegetation

N - Excess Spoil and Dev. Waste

N - Subsidence

N - Explosives

N - Slides and Other Damage

N - Fish & Wildlife

N - Support Facilities On-site

R - Hydrologic Balance

N - Signs and Markers

N - Gen. Compliance With Mine Plan

N - Support Facilities Not On-site

N - Other

N - Special Categories Of Mining

R - Processing Waste

N - Topsoil

COMMENTS

This was a partial inspection conducted by Lucas West of the Colorado Division of Reclamation, Mining and Safety as part of the normal monitoring program for permitted sites. Michael Dickson of GCC accompanied the inspection and represented the Operator. Normal activities were taking place at the mine during the inspection. At the King II area, the stackers were active and trucks were being loaded at the time of the inspection. At the King I facility no activity was taking place at the time of the inspection. The weather was clear and muddy. Nine Photos accompany this report to illustrate the current site conditions.

The overall footprint of the site is in good condition. No problems or maintenance items were identified during the inspection.

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

The main focus of this inspection was to observe the water conveyance structures and their ability to handle the recent snowmelt.

King I

At the King I facility the internal drainage structures in and around the Lower Refuse Pile were observed. All drainage structures were free from obstruction and able to function as designed. Reach 13 has been well maintained and can be seen in Photos One and Two. The culvert along the access road to the Upper Refuse Pile that continues the flow of reach 10 was clear and unobstructed. Reach 10 leading around the South side of the of the LRP was clear and a temporary conveyance has been constructed to direct flows around the Southwest side and down Reach 10 as it parallels the Access Road. The section of this reach that runs along the access road can be seen in Photo Three. It is functioning as designed and shows no significant signs of down cutting or erosion. All observed conveyances in the lower area of the King I facility were clear and functioning as designed. The East and West Sediment Ponds, shown in Photos Four and Five both contained water but showed no signs of discharge during the inspection. The banks remain well vegetated and appeared stable at the time of the inspection.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

King II

At the King II Facility the main sediment pond is in good condition and contains standing water as seen in Photo Six. The banks of the pond appear stable and no evidence of discharge, or recent discharge was noted. The main culvert leading into the pond was free from obstruction and flowing freely, delivering active snowmelt to the pond. Various other points in the extensive network of internal drainage structures were observed, all to be unobstructed and free flowing. Examples of the other internal structures can be seen in Photos Seven and Eight. All structures, and the pond appear to be functioning as designed and handling the snowmelt well. Both the East and West Clear Water Ditches were observed to be in good condition and functioning as designed.

The Fuel and Hazardous Materials Storage Area was observed at King II. All fuels and oils stored in the area neat, well-kept and stored with proper secondary containment as seen in Photo Nine. No evidence of spills or leaks were noted during this inspection.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

At the King I Facility processing waste is being stored on the LRP until conditions allow for transport and final placement in the Upper Refuse Pile. The pad of the LRP is in good condition and well compacted. The stockpile of waste material is in good condition and appeared stable at the time of the inspection. The out slopes of the stockpile show no signs of settling or slumping. The compaction on the pad appears to be holding well, and the out slopes show no signs of settling or slumping.

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PHOTOGRAPHS

Photo One: View Northwest, showing the section of Reach 13 that conveys water around the LRP. This reach is free from obstruction and functioning as designed.



Photo Two: View Southeast showing the upper portion of Reach 13. This section is also in excellent condition and well maintained.

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Photo Five: View North, showing the East Sediment Pond. The Pond contained standing water and is in excellent condition.



Photo Six: View South, showing the Main Sediment Pond at the King II Facility. The pond is in good condition with standing water, however showed no signs of discharge.

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Photo Nine: View South, showing the Fuel and Hazardous Materials Storage Area. The area is well kept, labeled and showed no signs of major spillage.

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