

STATE OF
COLORADO

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

C-1981-035 King Mine, April 2024 Partial Inspection Report

1 message

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

Mon, Apr 29, 2024 at 2:27 PM

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Good Afternoon All,

Attached below is the Inspection Report from our partial that we conducted last week. Things are looking excellent and no maintenance items were noted. Please 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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COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Wade Wymore
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: April 25, 2024 Inspection Start Time: 08:15 Inspection End Date: April 25, 2024 Inspection End Time: 10:25		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: 4/29/2024

Inspection Topic Summary

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

N - Air Resource Protection	N - Roads
R - 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
N - Processing Waste	R - 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. Wade Wymore 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 dry. Eight 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.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

During this inspection the availability of conducting a digital records search was confirmed. The Operator has a bank of computers located in the lower level of the office building that has internet connectivity and all records can be accessed from these computers. The records were not checked as part of this inspection, only the ability to access them.

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:

King I Facility

At the King I Facility the upper reaches of the Clear Water Ditch was observed. The ditch is free from obstruction and able to function as designed, no evidence of recent flow was observed, and the ditch is in good condition. Photos of the upper CWD can be seen in Photos One and Two. Also observed were the culverts along the access road leading from the Lower Refuse Pile to the Upper Refuse Pile. All culverts and internal drainage structures were free from obstruction and able to function as designed. The culverts were not plugged, and all appeared to be functioning as designed.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 3

King II Facility

During the inspection, at the King II Facility the West Clear Water Ditch was in process of being cleared from seasonal vegetation. The ditch cleaning is part of normal maintenance and is being conducted that preserves its function during the cleaning efforts. Photos of the cleared portions can be seen in Photos Three and Four. The entire length of the ditch will be cleared as operations progress, however the function and flow is not impeded and it is still functioning as designed. The clearing efforts are approximately 3/4 of the way completed.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

King I Facility

During this inspection the Topsoil stockpile located up gradient of the Upper Refuse Pile was observed. The stockpile remains in good condition and well vegetated as seen in Photo Five. The stockpile appears stable, and no evidence of material transport was noted. The ring berm around the stockpile appears to be functioning as designed. Also, the Operator has kept up on noxious weed management, and no state listed noxious weeds were noted on the stockpile.

King II Facility

At the King II Facility there are two topsoil stockpiles in two distinct storage locations. One near the access road and one towards the Northeast end of the Affected lands near the number 2 stacker. The stockpile near the access road, that contains approximately 3,479 Cubic Yds of material, was observed to be in excellent condition as seen in Photos Six and Seven. The vegetative cover is dense and diverse with no major bare areas being exposed. The pile appeared stable at the time of the inspection and no state listed noxious weeds were noted. Similarly, the stockpile located near the number 2 stacker that contains 27,191 Cubic Yds of material, appeared stable and in good condition. It is also well vegetated, and no evidence of material transport was noted. This stockpile can be seen in Photo Eight.

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PHOTOGRAPHS

Photo One: View West, showing an example of the upper reaches of the Clear Water Ditch at the King I Facility. The ditch is free from obstruction and functioning as designed.



Photo Two: View West, showing the down slope connection between the upper Clear Water Ditch and the Lower Clear Water Ditch. The connection is encased in shotcrete and in good condition.

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Photo Five: View East, showing the topsoil stockpile located upgradient of the Upper Refuse Pile at the King I Facility. The stockpile is well vegetated and appeared stable at the time of the inspection.



Photo Six: View Northeast, showing an example of the Topsoil Stockpile located along the access road at the Kling II Facility. The stockpile is well vegetated and appeared stable at the time of the inspection.

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Photo Seven: View North showing another view of the Topsoil Stockpile near the Access Road. The stockpile is well vegetated, and no State Listed Noxious Weeds were noted.



Photo Eight: View Northeast, showing the Topsoil Stockpile near the number 2 stacker at the King II Facility. The stockpile is well vegetated and appeared stable at the time.

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