




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

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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: Federal
	Operator Representative Present: Leo Campazano
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: August 7, 2019 Inspection Start Time: 08:45 Inspection End Date: August 7, 2019 Inspection End Time: 10:17		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 J. West	Inspector's Signature: 		Signature Date: 8/9/2019

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

A partial inspection was conducted by Lucas West of DRMS on August 7, 2019. Leo Campazano of GCC accompanied Lucas in the field at King I and II. The weather was clear and the ground was dry during the inspection.

Normal activities were taking place at the mine during the inspection. At King II, the stackers were active and trucks were being loaded. At King I waste material was being transferred from the staging area up to the refuse pile, being placed and compacted. All preparation work for the new Clear Water Ditch above the Refuse Pile has been completed and the construction of the ditch will commence in the coming weeks.

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;

At King II the large sediment basin was observed and was functioning as designed at the time of the inspection. The ditches and culverts leading to the basin are in good condition. A precipitation event occurred the night of August 6, 2019 and all inspected elements of the system appeared to be functioning as designed. A small amount of standing water was observed at the East end of the basin.

At King I the East and West Ponds were observed. The sediment load in both ponds was visually measured and confirmed to have sufficient capacity as prescribed in the PAP. A small amount of standing water was observed in the East Pond. Evidence of weed management was observed throughout the site but most notably on the North banks of the West Pond.

The underdrain system outlet and conveyance structures were inspected. The ditches and culverts associated with Reach 10 and Reach 7 were observed and have been well maintained. No evidence of mineral staining was observed in the under drain outlet system.

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 1

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11**Drainage Control; Surface Stabilization; Placement:**

During the inspection material was actively being placed on the refuse pile at King I. The material was being transported from King II and staged on the Temporary Coal Mine Waste Medium Storage Area. It was then being transported onto the Refuse Pile and being placed by way of a belly dump scraper. The refuse was being installed in lifts and compacted in compliance with their permit. The pile appears to exhibit positive drainage and no impounded water or signs of erosion was noted. The clear water ditch running along the North side of the Refuse Pile was observed (Reach One). No coal waste or negative impacts to the ditch were noted. Discussions with Jordan McCourt indicate that the vegetation grubbing and prep work for the construction of the new clear water ditch has been completed and construction will begin in the next few weeks. No problems with the Refuse Pile or clear water ditch were noted at this time.

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS

Photo One: View northeast showing the inlet to the Sediment Basin at King II. The basin appears to be functioning as designed.

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Photo Three: View south showing the results of the active weed management program at the west pond located at King I



Photo Four: View north, showing the sediment load as well as a small amount of standing water in the east pond at King I.

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Photo Five: View east showing the refuse pile at King I. Waste was actively being placed and compacted during the inspection.



Photo Six: View east, showing where the toe of the slope of the Refuse Pile meets the berm of the clear water ditch. The ditch appears to be functioning and is un-impacted by any coal waste at this time.

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