

6473 County Road 120
Hesperus, CO 81326

970.385.4528 ext. 6540
mdickson@gcc.com



February 19, 2024

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

Attn: Environmental Protection Specialist

Re: GCC Energy, LLC, King II Mine
CDRMS Permit # C-1981-035
King I and II Annual Stormwater Report 2023

Mr. Wein:

Please find the enclosed King I and King II Annual Stormwater Report for 2023.

Please contact me at 970.385.4528 ext. 6540, or mdickson@gcc.com if you have any questions or require any additional information.

Sincerely,

Michael Dickson

Michael Dickson
Mine Engineer
GCC Energy, LLC

STORMWATER ANNUAL REPORT - METAL MINING (& COAL)

COLORADO DEPT. OF PUBLIC HEALTH & ENVIRONMENT

Water Quality Control Division

WQCD-P-B2

4300 Cherry Creek Drive South

Denver, Colorado 80246-1530

Make enough copies of form for each reporting year. Or go to

<http://www.cdphe.state.co.us/wq/PermitsUnit/stormwater/industrial.html>

Check if this is a
new name, address, etc.

Permittee (Company Name): GCC Energy, LLC

Facility Name: King I and King II Mines

Mailing Address: 6473 County Road 120, Hesperus, CO 81326

Facility Phone Number: (970) 385-4528

Permit Certification No. ~~XXXXX~~ COG-850001

Reporting Period: Jan. 1-Dec. 31, 20 23 (Form is due by Feb. 15 of the following year)

****Each section must be completed. Please print or type.****

- A.** *A report on the facility's overall compliance with the SWMP.* (Include here a summary of any measures taken to comply with your Stormwater Management Plan (SWMP), to fully implement it, changes or improvements made in any of your Best Management Practices (BMPs), employee training, spills, other problems encountered, etc. How is your plan working?)

King I - All coal mining and processing have ceased, and surface processing equipment has been removed from the site. Coal mine refuse from the King II mine continues to be placed in the CDRMS approved Refuse Pile. All stormwater BMPs (East and West Sediment Ponds & drainage ditches) will remain in place until final reclamation of the mining areas. Comprehensive quarterly inspections are performed by a P.E., with monthly and semi-annual inspections completed by company personnel. Any concerns noted during the inspections are addressed. The system is working well, and there were no discharges from the permitted outfalls during the reporting year.

King II - The BMPs in the SWMP are being followed by the facility. Quarterly GCCE and annual P.E. inspections of the settling pond are conducted, while company personnel conduct monthly and semi-annual inspections. Any concerns noted during the inspections are addressed. The system is working well, and there were no discharges from the sedimentation pond during the reporting year. SWMP and SPCC training was conducted in Fall/Winter 2023.

Were changes made to your SWMP? X No Yes - Describe changes on a separate sheet.

- B.** *A summary of each comprehensive stormwater facility inspection made, including date, findings, and action taken.* (The permit requires at least **two** comprehensive facility inspections per year - see page 12 of the permit. Include here a **summary** of those inspections, plus any other comprehensive inspections made. It is not necessary to summarize day-to-day inspections, unless significant problems were noted.)

First Inspection - Date 02/21/23. Findings, and action taken: Please refer to CDRMS inspection report: inspection performed February 21, 2023 by Lucas West, Environmental Protection Specialist.

King I: Both the East and West sediment ponds contained a small amount of water. The embankments are stable and well vegetated. A minor erosional feature was noted near the interface of the access road and the Lower Refuse Pile. Sheet flow is diverted to the East side of the access to road and eventually reports to the sediment ponds down gradient. Where the access road meets the Lower Refuse Pile the minor erosion was noted and discussed with the Operator. It is not considered a problem at this time, nor a maintenance item, but the Operator should monitor it and intervene should the snowmelt cause further erosion.

King II: At the King II Facility, the internal drainage ditches, sediment pond and East Clear Water Ditch were observed. All internal ditches were functioning as designed. They were free from obstruction and all observed culverts were in good condition. The main Sediment Pond was observed, and contained a significant volume of standing water from snowmelt, however was not discharging at the time of the inspection. The banks of the pond appeared stable, and well vegetated. All downstream ditches from the main sediment pond contained minimal water from snowmelt discharge. The ditches were conveying water and in good condition. The East Clear Water Ditch was also noted to be free from obstruction and not flowing at the time of the inspection.

STORMWATER ANNUAL REPORT - METAL MINING (& COAL)

Permit Cert. No. ~~CDRMS~~ COG-850001

Second Inspection - Date 09/06/23 Findings, and action taken: Please refer to CDRMS inspection report: inspection performed September 6, 2023 by Clayton Wein, Environmental Protection Specialist

King I: The east pond's inlet and outlet were clear of debris. The embankment was stable with vegetative cover. No indications of erosion were observed. The west pond was holding a small amount of water. The level of water in the pond was below the discharge outlet. The outlet was unobstructed. The pond's embankment was vegetated and stable. There were no indications of erosion. Ditches throughout the King I area were dry and stable during the inspection. No blockages were observed. Culverts located within the King I area were also free from debris and the culverts' inlets and outlets were unobstructed. The East and West Clearwater Diversions were dry and stable. There were no indications or erosional concerns noted during the inspection.

King II: The King II pond "was holding water during the inspection. The amount of water stored in the pond was below the level of the discharge outlet. The sediment pond's embankment was stable with vegetative cover". There were no erosional concerns identified. Ditches throughout the King II area were observed to functioning as designed (Photo 5). A small amount of water was observed flowing in the ditches during the inspection. There were no sections observed to have blockages or other erosional issues. Culverts throughout the King II area were observed to be clear of debris and functioning as designed.

Other Inspections - Date / / . Findings, and action taken:

- C. *Results and interpretation of any stormwater monitoring performed. Attach a separate sheet with the lab results. (Monitoring is **not** a requirement under the permit, unless you were specifically directed to do so by the Division. However, the results of any stormwater monitoring that you performed on your own should be reported here.)*

Monitoring Results Attached? ☒ No ☐ Yes

D. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."


Signature of Permittee (legally responsible person)

2-19-2024
Date Signed

Chris Dorenkamp
Name (printed)

Mine Manager
Title