

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. ~~XXXXXX~~ COG-850001

Reporting Period: Jan. 1-Dec. 31, 20 21 (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 2021.

Were changes made to your SWMP? ☒ 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 02/09/21. Findings, and action taken: Please refer to CDRMS inspection report: inspection performed February 9, 2021 by Janet Binns, Environmental Protection Specialist III.

King I: Both the East and West sediment ponds were snow covered with a thin layer of snow. There is adequate storage in each pond. Sediment control structures throughout the King I facilities were in good repair. Straw logs at the west SAE have been replaced and adequately anchored into the side of the road.

King II: A shallow pool of water was present in the King II pond. There was ample storage capacity in this pond. The operator has recently cleaned CWD-1C West Clear Water Ditch and the SAE at the King II mine entrance at the cattle guard. The silt fence at the gravel storage SAE at King II has been replaced and properly installed. Sediment control structures throughout the King II facilities are in good condition. Outlets to culverts C16 and C15 were clear of sediment.

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Please refer to CDRMS inspection report:

Second Inspection - Date 11/04/21 Findings, and action taken: inspection performed November 4, 2021 by Janet Binns, Environmental Protection Specialist III

King I: GCC had begun to clean sediment from the sediment ponds at King I until a large storm occurred on site. The East pond sediment had been cleaned out. This pond looked good and has ample sediment storage capacity. The West pond was partially cleaned of sediment until the pond became too wet to complete the clean out. The West pond does have sediment storage capacity, but GCC hopes to clean it further. Collection ditches at King I were in good repair and functional. The SAE's on the West and East sides of the haul road into King I were in adequate condition. The West side SAE would benefit from clean out of the sediment prior to the winter months.

King II: he sediment Pond at King II was damp but not holding a pool of water. The embankments are well vegetated and not weedy. Sediment storage capacity is still adequate for Pond 1, but clean out is part of the operator's regular maintenance of the pond. The haul road SAE/Gravel storage area Silt fence is holding up well and appropriately keyed in. The cattle guard SAE was cleaned out and appeared to contain adequate storage capacity prior to the winter months. The roads within King II facilities area were adequately graded and draining to the sediment control system.

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)

2-14-22
Date Signed

Chris Dorenkamp
Name (printed)

Mine Manager
Title