

# 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 20 (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 2020.

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 03/09/20 Findings, and action taken: Please refer to CDRMS inspection report: inspection performed March 9, 2020 by Janet Binns, Environmental Protection Specialist III.

The King I West Sediment Pond was wet near the embankment, the East Pond held a small pool of water. No problems were seen with either pond's structure (e.g., no rills on the embankment, no obstruction of the spillways). At King I entrance, the berms to direct runoff to sumps seem to be working. The King II Sediment Pond was mostly dry and not discharging. No problems were seen with the embankment of the King II pond. The clean water diversion ditch on the east side of the King I facilities held up well over the winter months. SAE 1 at King I was well graded and the sediment traps were clear of ice and debris and appear functional. The BMPs at the King II entrance appear to be functioning well. Ditches throughout the King II facilities were clear of debris and appeared functional. Culverts C13 and C15 require some cleanout of material at inlet or outlets. Runoff was flowing through both of these culverts at the time of the inspection.

Permit Cert. No. ~~00R-04~~ COG-850001

Please refer to CDRMS inspection report: inspection performed July 29, 2020 by Janet Binns, Environmental Protection Specialist III

At King I, both ponds were holding small pools of water. The sediment traps along the entrance road were holding up well. The North Clearwater ditch had shotcrete application in early June. All King I site ditches are holding up well.

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- Monitoring Results Attached? ☒ No ☐ Yes

"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."

2-24-21

Date Signed \_\_\_\_\_

## Mine Manager

Title