

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 813263

Facility Phone Number: (970) 385-4528 Ext. 6503

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

Reporting Period: Jan. 1-Dec. 31, 20 19 (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 March 2019.

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 06/14/19. Findings, and action taken: Please refer to CDRMS inspection report: inspection performed June 14, 2019 by Rob Zuber, P.E.

The King I West Sediment Pond was dry, the East Pond was dry. No problems were seen with the 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 BMPs at the King II entrance appear to be functioning well. The Clear Water ditches at King I and King II were in good shape. The portion of CWD-1A requires some maintenance. The area north of the scale should be graded to improve drainage. No other problems were observed with drainage at King II.

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Second Inspection - Date 11/13/19 Findings, and action taken: performed November 11, 2019 by Lucas West

At King I, construction of the new under drain system as approved through Technical Revision 27 was being conducted. The main reach of the underdrain was being installed and the lateral finger drains were staked out and ready to begin construction. ~~The construction of the system was being done in accordance with the specifications and designs contained within TR27.~~

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

- Monitoring Results Attached? X 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."

Signature of Permittee (legally responsible person)

Date Signed _____

Chris Dorenkamp

Name (printed)

Mine Manager

Title