





January 27<sup>th</sup>, 2025

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 & II Discharge Monitoring Report Q4 2024

Mr. Wein:

Please find enclosed a copy of DMR's for Outfalls 001, 002 & 003 for the 4th Quarter of 202(.

Please contact me at the email or number listed at the header of this document, or Samantha Kretz Uhskretz@gcc.com if you have any questions or require any additional information.

Sincerely,

Michael Dickson

DMR Copy of Record

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npapersons.org/npapersons-npa

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit																						
Permit	rmit #: COG850001				Permitt	tee:		GCC	Energy LLC					Facility:	Facility:			KING COAL MINE				
Major:	No								Box 100 as, NM 87059					Facility Locat	,,			NTY ROAD 120 COUNTY, CO 81326				
Permitted Feature: 003 External Outfall				Discha	rge:		<b>003-</b> SUR	A FACE RUNNOFF	TO HAY G	GULCH												
Report	Dates & Status																					
Monito	Monitoring Period: From 10/01/24 to 12/31/24			DMR D	ue Date:		01/2	01/28/25						Status: NetDMR				R Validated				
Considerations for Form Completion																						
SETTLEABLE SOLIDS LIMIT WAIVED FOR 10-YR, 24 HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF REQUIREMENTS INPART I.B.6. ANY ADDITIONAL DATA SHALL BE SUPPLIED TO THE DIVISION WITHIN 48 HOURS.																						
Princip	oal Executive Officer																					
First Name: Samantha			Title:			Envi	Enviromental Manager, South Region					Telephone: 505-286-6081										
Last Na	ame:	Kretz																				
No Date	No Data Indicator (NODI)																					
Form N	IODI:																					
	Parameter	Monitoring Location	Season #	Param. NODI				uantity or Lo						uality or Concentration				# of Ex.	Frequency of Analysis	Sample Type		
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
00400	nU	1 - Effluent Gross	0		Sample Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month GF	R - Grab		
00400	рп	1 - Lilidelit Gloss	U		Value NODI					C - No Discha		C - No Discharge				C - No Discharge						
					Sample																	
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month GF	R - Grab		
					Value NODI									C - No Discharge		C - No Discharge						
					Sample															_		
00545	Solids, settleable	1 - Effluent Gross	0		Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		02/30 - Twice Per Month GF	R - Grab		

				Sample										
00400	pH	1 - Effluent Gross	0	 Permit Req.			>=			<=	9.0 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - Grab
				Value NODI				C - No Discharge			C - No Discharge			
				Sample										
00530	Solids, total suspended	1 - Effluent Gross	0	 Permit Req.					<= 35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - Grab
				Value NODI					C - No Discharge		C - No Discharge			
				Sample										
00545	Solids, settleable	1 - Effluent Gross	0	 Permit Req.					Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L	02/30 - Twice Per Month	GR - Grab
				Value NODI					C - No Discharge		C - No Discharge			
				Sample										
00980	Iron, total recoverable	1 - Effluent Gross	0	 Permit Req.					<= 1000.0 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - Grab
				Value NODI					C - No Discharge					
03582	Oil and grease			Sample							40.0 DAII V MV	10 (1	77/77 0 .:	00.0.1
		1 - Effluent Gross	0	 Permit Req.						<=	10.0 DAILY MX	19 - mg/L	77/77 - Contingent	GR - Grab
				Value NODI							C - No Discharge			
				Sample Parmit Born	Dog Man 20DA AVC	Dag Man DAII V MV	os MCD						00/00 Continuous	RC - Recorder (a
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX							99/99 - Continuous	RC - Recorder (a
				Value NODI	C - No Discharge	C - No Discharge								
				Sample										
70295	Solids, total dissolved	1 - Effluent Gross	0	 Permit Req.					Req Mon 30DA AVG		Req Mon DAILY MX		01/90 - Quarterly	GR - Grab
				Value NODI					C - No Discharge		C - No Discharge			
				Sample										
84066	Oil and grease visual	1 - Effluent Gross	0	 Permit Req.		Req Mon INST MAX	9P - N=0;Y=1						02/30 - Twice Per Month	VI - Visual
				Value NODI		C - No Discharge								

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

GCC Energy LLC

User: Name: E-Mail: EGDUMD2023

Michael Dickson

mdickson@gcc.com

Date/Time:

2025-01-27 09:47 (Time Zone: -07:00)

Report Last Signed By

 User:
 EGDUMD2023

 Name:
 Michael Dickson

 E-Mail:
 mdickson@gcc.com

Date/Time: 2025-01-27 09:47 (Time Zone: -07:00)

Form Approved OMB No. 2040-0004 expires on 07/31/2026 **DMR Copy of Record** 

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information. because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Per	mit	

Major:

Permit #: COG850001

No

Permittee: **Permittee Address:**  GCC Energy LLC

PO Box 100

Tijeras, NM 87059

002

External Outfall

002-A

NORTH SEDI POND TO HAY GULCH

Report Dates & Status

**Permitted Feature:** 

**Monitoring Period:** From 10/01/24 to 12/31/24 01/28/25

Status:

Facility:

**Facility Location:** 

**NetDMR Validated** 

KING COAL MINE

4424 COUNTY ROAD 120

LA PLATA COUNTY, CO 81326

Considerations for Form Completion

SETTLEABLE SOLIDS LIMIT WAIVED FOR 10-YR, 24 HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF REQUIREMENTS INPART I.B.6. ANY ADDITIONAL DATA SHALL BE SUPPLIED TO THE DIVISION WITHIN 48 HOURS.

**Principal Executive Officer** 

First Name: **Last Name:** 

Samantha

Kretz

Title:

Discharge:

**DMR Due Date:** 

Enviromental Manager, South Region

Telephone:

505-286-6081

No Data Indicator (NODI)

Form NODI:

	Parameter	<b>Monitoring Location</b>	Season #	Param. NOD	I		Qı	uantity or Loa	ding					Q	uality or Concentration	on			# of Ex.	. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier '	1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
					Sample																
00400	pH	1 - Effluent Gross	0		Permit Req.						>=	6.5 MIN				<=	9.0 MAXIMUM	12 - SU		2/30 - Twice Per Month GI	JR - Grab
					Value NODI							C - N	lo Discharge				C - No Discharge				
					Sample																
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.									<=	35.0 30DA AVG			19 - mg/l	-	02/30 - Twice Per Month G	GR - Grab
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
00545	Solids, settleable	1 - Effluent Gross	0		Permit Req.										Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/l	-	02/30 - Twice Per Month G	GR - Grab
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
00980	Iron, total recoverable	1 - Effluent Gross	0		Permit Req.									<=	1000.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month G	GR - Grab
					Value NODI										C - No Discharge						
	Oil and grease				Sample																
03582		1 - Effluent Gross	0		Permit Req											<=	10.0 DAILY MX	19 - mg/l	-	77/77 - Contingent	GR - Grab
					Value NODI												C - No Discharge				
			0		Sample																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross			Permit Req.	F	Req Mon 30DA AVG		eq Mon DAILY MX	03 - MGD										99/99 - Continuous R	RC - Recorder (auto)
					Value NODI		C - No Discharge		C - No Discharge												
					Sample																
70295	Solids, total dissolved	1 - Effluent Gross	0		Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/l	-	01/90 - Quarterly	GR - Grab
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
84066	Oil and grease visual	1 - Effluent Gross	0		Permit Req.				eq Mon INST MAX											02/30 - Twice Per Month V	/I - Visual
					Value NODI				C - No Discharge												

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

GCC Energy LLC

User:
Name:
E-Mail:

EGDUMD2023
Michael Dickson
mdickson@gcc.com

Date/Time: 2025-01-27 09:46 (Time Zone: -07:00)

Report Last Signed By

 User:
 EGDUMD2023

 Name:
 Michael Dickson

 E-Mail:
 mdickson@gcc.com

Date/Time: 2025-01-27 09:47 (Time Zone: -07:00)

DMR Copy of Record

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npde.com/npation/npation/">NPDES eReporting Help Desk</a> for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit											
Permit #:	COG850001	Permittee:	GCC Energy LLC	Facility:	KING COAL MINE						
Major:	No	Permittee Address:	PO Box 100 Tijeras, NM 87059	Facility Location:	4424 COUNTY ROAD 120 LA PLATA COUNTY, CO 81326						
Permitted Feature:	001 External Outfall	Discharge:	001-A SOUTH SEDI POND TO HAY GULCH								
Report Dates & Status											
Monitoring Period:	From 10/01/24 to 12/31/24	DMR Due Date:	01/28/25	Status:	NetDMR Validated						
Considerations for Form Completio	n										
SETTLEABLE SOLIDS LIMIT WAIVED FOR 10-YR, 24 HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF REQUIREMENTS INPART I.B.6. ANY ADDITIONAL DATA SHALL BE SUPPLIED TO THE DIVISION WITHIN 48 HOURS.											
Principal Executive Officer											
First Name:	Samantha	Title:	Enviromental Manager, South Region	Telephone:	505-286-6081						
Last Name:	Krotz										

Parameter Monitoring Location Season # Param. NODI Quantity or Loading **Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Code Qualifier 1 Value 1 Qualifier 2 Units Qualifier 1 Value 1 Value 2 Qualifier 3 Value 3 Units Sample 6.5 MINIMUM 9.0 MAXIMUM 12 - SU 02/30 - Twice Per Month GR - Grab Permit Req. 00400 **pH** 1 - Effluent Gross 0 Value NODI C - No Discharge C - No Discharge Sample 35.0 30DA AVG 02/30 - Twice Per Month GR - Grab **Permit Rea** 70.0 DAILY MX 19 - mg/L 00530 Solids, total suspended 1 - Effluent Gross 0 Value NODI C - No Discharge C - No Discharge Sample Permit Req Req Mon 30DA AVG <= 0.5 DAILY MX 02/30 - Twice Per Month GR - Grab 00545 Solids, settleable 1 - Effluent Gross 0 Value NODI C - No Discharge C - No Discharge Sample 1000.0 30DA AVG 02/30 - Twice Per Month GR - Grab **Permit Req** 28 - ug/L 00980 Iron, total recoverable 1 - Effluent Gross 0 **Value NODI** C - No Discharge Sample Permit Req 10.0 DAILY MX 77/77 - Contingent GR - Grab 03582 Oil and grease 1 - Effluent Gross 0 Value NODI C - No Discharge Sample Req Mon 30DA AVG Req Mon DAILY MX 03 - MGD RC - Recorder (auto) Permit Req 99/99 - Continuous 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 C - No Discharge Value NODI C - No Discharge Sample Permit Req. Req Mon 30DA AVG Req Mon DAILY MX 19 - mg/L GR - Grab 01/90 - Quarterly 70295 Solids, total dissolved 1 - Effluent Gross 0 Value NODI C - No Discharge C - No Discharge Sample Req Mon INST MAX 9P - N=0;Y=1 02/30 - Twice Per Month VI - Visual Permit Req. 84066 Oil and grease visual 1 - Effluent Gross 0 Value NODI C - No Discharge

**Submission Note** 

No Data Indicator (NODI)

Form NODI:

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

GCC Energy LLC

User:
Name:
E-Mail:

EGDUMD2023
Michael Dickson
mdickson@gcc.com

Date/Time: 2025-01-27 09:46 (Time Zone: -07:00)

Report Last Signed By

 User:
 EGDUMD2023

 Name:
 Michael Dickson

 E-Mail:
 mdickson@gcc.com

Date/Time: 2025-01-27 09:47 (Time Zone: -07:00)