




PERMIT INFORMATION

Permit Number: C-1982-056 Mine Name: Foidel Creek Mine Operator: Twentymile Coal, LLC Operator Address: Ms Miranda Kawcak 29515 Routt County Road No. 27 Oak Creek, CO 80467	County: Routt Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: Kevin Copeland
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: June 15, 2021 Inspection Start Time: 07:00 Inspection End Date: June 17, 2021 Inspection End Time: 09:00		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Tabetha Lynch	Inspector's Signature: 		Signature Date: 6/22/21

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

N - Availability of Records

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

N - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

R - Roads

N - Reclamation Success

R - Revegetation

R - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Foidel Creek Mine; DRMS Permit No. C-1982-056, operated by Twentymile Coal, LLC. (TC). This inspection was conducted by Tabetha Lynch with the Colorado Division of Reclamation, Mining, and Safety (Division). Kevin Copeland of TC accompanied the inspection. Overall the weather was clear and hot during the inspection. The mine was mostly dry during the inspection.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Records were checked at the mine office. See details at the end of report

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Overall the mine has received below average precipitation and runoff this year. The ponds are mostly low for this time of year. Ponds D, E, and the Tipple were discharging.

The short-circuit at Pond E from the May inspection has been repaired (photo below). Please provide the Division with the updated pond design.



Number of Partial Inspection this Fiscal Year: 8

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Booms have been added as suggested at Ponds B and D to collect fines and oil sheen. Pond B runoff area has been determined to be an SAE.

Please clean out garbage and ditches at the portal.

GENERAL MINE PLAN COMPLIANCE:

Trash has been picked up around pond G and warehouse area and shop ditches. A backup occurred at the 12L thickener underflow pad. Per the operator this occurred the morning of 6/15 and sensors works properly shutting down the inflow to the working. There was some overflow shown below that was contained to the borehole pad. The operator was cleaning up the area during the inspection (photos below). The pad will be checked at the next inspection.



ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6), Reclamation 4.03.1(7)/4.03.2(7):

Roads were in good condition at the time of inspection

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The region received below average precipitation this year. As a result seeded areas are not showing much growth. In the wetlands area at 6MN, wetlands plants appear to be doing well. Slopes around the wetlands are not

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growing much and will need to be reseeded (photo below).



The same is the case for the recent pipeline corridors (photo below).



Please continue weed spaying. Per the operator weed spraying is in progress, which was evident in areas which had been recently spayed.

SUBSIDENCE – Rule 4.20:

Per the operator, mining is currently at 7E. The railroad is currently surveyed daily as it is undermined. Photo below shows ballast added under tracks from recent subsidence.

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**SIGNS AND MARKERS – Rule 4.02:**

Mine ID signs have been added along 6MN.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil piles that cattle have access to are struggling with vegetation coverage. Fences are encouraged to protect the topsoil piles (photo below).

**ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp 5/23/2023
Permit Application w/Revisions Findings Document	OK RN7
Insurance Certificate	Exp 08/01/2021
Bond Document	\$9,537,039
Phased Bond Release Documents/Findings	SL1
Air Emission Permits	93RO1204 *1
County Special Use Permits	Exp 8/26/2024
UG Mining Landowner Notification	05/10/2016 (Rule 4.20.2)
Subsidence Monitoring Reports	Oct 2018
Subsidence Monitoring Data	Oct 2018
Rill & Gully Survey	NA
Vegetation Monitoring Data	NA
Specific Variance Approvals	NA
Annual Reclamation Reports	2020
Midterm Review Documents	MT8
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	Through March 2021
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	RN7
CERTIFICATIONS	
Pond Certifications	PAP
Annual Certifications for Large Impoundments	1Q2021
Fill Certifications for Excess Spoil or Underground Development Waste	1Q2021
• Quarterly Inspections	1Q2021
• Compaction Testing	1Q2021
• Final Certification	NA
Coal Processing Waste Banks	2Q2021
Haul Road Certifications	PAP ex 25
Access Road Certifications	PAP ex 25

HYDROLOGIC RECORDS

NPDES Permit	*2
NPDES Records	Reporting online
Stormwater Management Plan	2013
SPCC Plan	2011
MSHA Pond Inspections	March '21
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	1Q2021
Annual Hydrology Reports	2019
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	AHR
• Mine Water Discharge Monitoring	AHR
• Mine Inflow Study	AHR
• Water Consumption Records	AHR
Well Permits	OK

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	Exp 9/1/2020
Blasting Variances	NA
Pre-Blast Surveys	NA

ADDITIONAL RECORDS (specify)

Colo. 811-02 CO Radioactive Materials license	Exp. 10/31/23
Stormwater Annual CLR permit	Feb 2020 (due 2/15/2021)
County special use permit	Exp. 8/2024
PP2014-035	

COMMENTS:

*1 – Air Emissions Permit is issued dated January 31st 2019 and expires in 5 years from date APEN received by the CDPHE.

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*2 - CDPS Permits – COG850051 exp 6/30/2013, COG850054 exp 6/30/2013, COG0042161 exp 6/30/2012, CO0027154 exp 8/31/2012, CO0036684 exp 4/30/2012 All expired permits are in the process of renewal with CDPHE

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