




COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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: Miranda Kawcak
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: May 27, 2020 Inspection Start Time: 8:00 Inspection End Date: May 27, 2020 Inspection End Time: 15:00		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: 6/4/2020

Inspection Topic Summary

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

Y - Air Resource Protection

R - Availability of Records

N - Backfill & Grading

Y - Excess Spoil and Dev. Waste

Y - Explosives

Y - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

Y - Roads

N - Reclamation Success

N - Revegetation

Y - Subsidence

R - Slides and Other Damage

Y - Support Facilities On-site

Y - 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). Miranda Kawcak accompanied the inspection from a separate vehicle. Overall the weather was clear and warm during the inspection. Mine is currently not operating. Workers will return June 8th and resume mining. Longwall move has been completed.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Records were checked at the mine office. Details are provided at the end of this 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;

Location	Water	Dscg	source	goes to	notes
6MN Reservoir	Y	N	mine water		NW diversion ditch check
6MN ventilation shaft site sed pond	Y	N	pad runoff		
Fish Creek Tipple pond	Y	Y			diversion ditch along the N side (crushed culvert)
Fish Creek Borehole	Y	N	mine water (flock added)	Fish creek	3 cell pond. , discharge at site 115 triggers sampling at fishcreek downstream. (Puddles)
18LT vent shaft ponds	Y	N			

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Pond F	Y	Y	runoff from facilities	Foidel	outlet of pond some, some dirt to clear out
Pond G	Y	N	Surface Runoff from laydown Area	Foidel	at entrance
Pond E	Y	N			delta at inlet cleaned
Area No. 1 Pond (Pit Pond)	Y	Y	mine, sumps, diversion ditch	Pond D	Waste pile under-drain was not discharging
Pond D	Y	Y			
Pond B	Y	Y	Bob pile	Foidel	3 cell pond, deltas, frequent clean out
Pond C	Y	N			Cleared to seed shortly
Pond T	Y	N	laydown area	Foidel	v-notch weir, culvert under railway always trickling
Facility Treatment ponds	Y	Y	facilities water	leach field	
6MN wetlands	Y	N	Underground mine water	6MN Reservoir	Wetlands ponds are on and full and operated by float pumps.
Stream buffer zone @ truck load-out					ok

GENERAL MINE PLAN COMPLIANCE:

Waste pile as-built/redesign to be submitted via a TR

Culverts are in the process of being cleaned with spring maintenance

Per the operator, weed spraying would be occurring the week following the inspection.

Topsoil piles along the 6MN road have been reseeded.

Pipeline corridor has been seeded and per the operator some location on the corridor with settling were filled and reseeded.

Stocker building is functional with some structure trim work remaining.

Cattle are on site.

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Mine ID signs have been placed at the new borehole pads as requested

Maintenance items:

- Clear Sump to Pond B
- Ditches need to be cleaned of debris and reestablished on the warehouse pad
- Clear Delta at inlet of pond E
- Grade and reseed 3 topsoil piles at 9E (completed in Fall 2020)
- 5MN pad reseed
- Vegetation is sparse at the 9E Utility Borehole and will need to be (re)seeded. Spread seed in the fall
- 9E culverts need to be cleared
- 9E needs additional disturbance boundary markers
- Topsoil pile that was moved to accommodate the waste pile expansion needs to be shaped and seeded. (seeded in the fall)
- Culvert F-4(A) appears to have been hit by a dozer and needs to be repaired again. (not yet repaired but clear)
- Topsoil piles on new borehole pads, which were damaged by cattle, need to be shaped and seeded. (Reseeded in fall 2020)
- Train cars were removed from facilities area that had previously derailed. A small pile of coal was left in the area in the process that needs to be cleaned up. (none observed in May 2020 inspection)
- Disturbance boundary marker down on 6MN road from plowing

DOCUMENTS RECEIVED**OTHER (SPECIFY)****ENFORCEMENT ACTIONS/COMPLIANCE**

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

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PHOTOGRAPHS



Stocker coal building



Passive treatment ponds veg is growing



Passive treatment ponds inlet



Diversion ditch, slopes seeded, check dams being installed

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp 5/23/2018
Permit Application w/Revisions Findings Document	OK RN7
Insurance Certificate	Exp 08/01/2020
Bond Document	\$9,565,441.59
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	2019 (due 2/15)
Midterm Review Documents	Nov. 23, 2015; MT7
DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)	Through Feb 2020 aerial
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	SI02
CERTIFICATIONS	
Pond Certifications	PAP
Annual Certifications for Large Impoundments	1Q2020
Fill Certifications for Excess Spoil or Underground Development Waste	1Q2020
• Quarterly Inspections	1Q2020
• Compaction Testing	1Q2020
• Final Certification	NA
Coal Processing Waste Banks	1Q2020
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	Nov 2019
State Engineer's Pond Inspection	NA
Quarterly Pond Inspections	1Q2020
Annual Hydrology Reports	2019 (due 2/28)
• 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)
County special use permit	Exp. 8/2024
PP2014-035	

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COMMENTS:

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

*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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