




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: July 28, 2020 Inspection Start Time: 8:30 Inspection End Date: July 30 2020 Inspection End Time: 13:00		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy cover, rain	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Tabetha Lynch	Inspector's Signature: 		Signature Date: 7/28/2020

Inspection Topic SummaryNOTE: **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 Tabet Lynch with the Colorado Division of Reclamation, Mining, and Safety (Division). Miranda Kawcak accompanied the inspection. Overall the weather was cloudy and raining during the inspection. Mine is currently operating. A coal train was on sight. Weekly lateral line subsidence monitoring is occurring. Mining is currently at 7 East, a recently started panel. Mining started at NE end of 7E panel and moving to SW. Not all roads were accessible due to rain and mud.

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
Fish Creek Borehole	Y	N	mine water (flock added)	Fish creek	3 cell pond. , discharge at site 115 triggers sampling at fishcreek downstream.

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18LT vent shaft ponds	Y	N			
Pond F	Y	N	runoff from facilities	Foidel	
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	N	mine, sumps, diversion ditch	Pond D	Waste pile under-drain was not discharging
Pond D	Y	Y			
Pond B	Y	N	Bob pile	Foidel	3 cell pond, deltas, frequent clean out
Pond C	N	N			Cleared to seed shortly
Pond T	N	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:

Will be withdrawing PR-12.

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

Culverts cleaning is ongoing, long arm used to clean ponds. Pond D is clean, B in process, E is next.

Per the operator, weed spraying occurred the first week of June.

Areas reseeded in the spring: The area has been very dry until the week of inspection so little is growing currently.

Stocker building is functional and complete.

Cattle are on site.

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Mine ID signs are present

No Vegetation sampling occurring this year

Maintenance items:

- Clear Sump to Pond B is in process
- Ditches need to be cleaned of debris and reestablished on the warehouse pad
- Clear Delta at inlet of pond E (not yet complete)
- 9E culverts need to be cleared (complete)
- 9E needs additional disturbance boundary markers
- 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)
- Disturbance boundary marker down on 6MN road from plowing (complete)
- Continue culvert clearing and pond clean out.

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



Long arm at Pond B



Passive treatment ponds

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	Exp 5/23/2018
Permit Application w/Revisions	OK
Findings Document	RN7
Insurance Certificate	Exp 08/01/2020
Bond Document	\$9,565,441.59
Phased Bond Release	SL1
Documents/Findings	
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	Through May 2020
Reports/Enforcement Actions (3 Years)	aerial
Transfers/Succession of Operator	NA
Temporary Cessation Notification	NA
Reclamation Cost Estimate	SI02
CERTIFICATIONS	
Pond Certifications	PAP
Annual Certifications for Large Impoundments	2Q2020
Fill Certifications for Excess Spoil or Underground Development Waste	2Q2020
• Quarterly Inspections	2Q2020
• Compaction Testing	2Q2020
• Final Certification	NA
Coal Processing Waste Banks	2Q2020
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
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2Q2020
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 2/15/2021)
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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