




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
COAL PROGRAM INSPECTION REPORT**



PERMIT INFORMATION

Permit Number: C-1982-056 Mine Name: Foidel Creek Mine Operator: Twentymile Coal, LLC Operator Address: Mr Jerry Nettleton 29515 Routt County Road No. 27 Oak Creek, CO 80467	County: Routt Operation Type: Underground Permit Status: Active Ownership: Federal
	Operator Representative Present: Brian Watterson
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: July 10, 2013 Inspection Start Time: 09:00 Inspection End Date: July 10, 2013 Inspection End Time: 13:00	Inspection Type: Coal Partial 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): Jason D. Musick	Inspector's Signature:  Signature Date: 07/16/2013

Inspection Topic Summary	
NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable	
Y - Air Resource Protection N - Availability of Records NA - Backfill & Grading NA - Excess Spoil and Dev. Waste N - Explosives N - Fish & Wildlife R - Hydrologic Balance Y - Gen. Compliance With Mine Plan NA - Other R - Processing Waste	Y - Roads N - Reclamation Success N - Revegetation N - Subsidence NA - Slides and Other Damage N - Support Facilities On-site R - Signs and Markers NA - Support Facilities Not On-site NA - Special Categories Of Mining N - Topsoil

COMMENTS

This was a partial coal inspection conducted by Jason Musick of DRMS. Brian Watterson of Twentymile Coal accompanied the inspection. The weather was clear and the mine site was dry at the time of the inspection. This inspection focused on approved activities associated with the Refuse Disposal Areas. No coal trains were observed during the inspection. Twentymile Coal continues to implement the approved noxious and invasive weed management program on site with active spraying observed during the inspection.

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:

Due to construction of the CRDA being completed in phases, initial perimeter ditches are constructed as temporary ditches. Permanent ditches have been designed, but are not constructed due to the initial stages of CRDA construction. All temporary CRDA ditches were stable at the time of the inspection. No problems were noted.

The CRDA has been designed with a toe-drain to prevent any significant build-up of hydrostatic pressure within the pile. The toe-drain is designed to discharge into the Area #1 Pit. The Northern end of the toe-drain has been covered with refuse and no discharge was noted at the outlet and into the Area #1 Pit. No problems were noted. The southern end of the toe drain remains uncovered. The toe-drain construction will continue south upon the initiation of Phase II of the RDA Expansion.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

Refuse material continues to be placed in the RDA expansion area. Material has been stockpiled towards the middle of the Phase 1 area of the RDA expansion area and approximately midway in the RDA with evidence of grading having been conducted during the inspection. The RDA was well compacted and stable at the time of the inspection. The refuse material had not yet reached the head of the under-drain of the RDA. The exposed under-

Number of Partial Inspection this Fiscal Year: 1

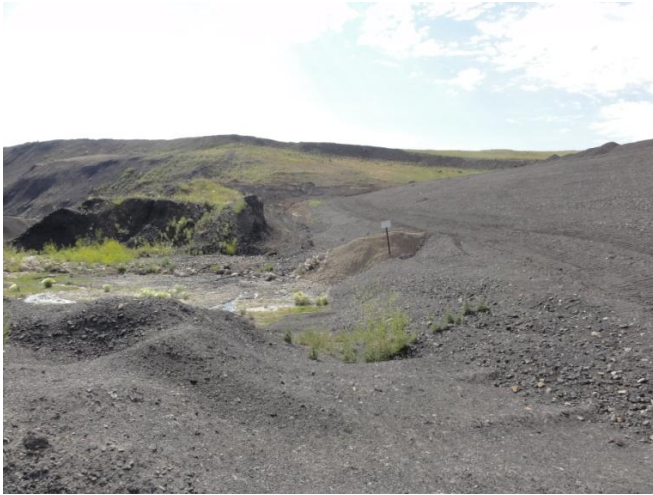
Number of Complete Inspections this Fiscal Year: 0

drain was stable and constructed as designed. Phase 1 of the RDA expansion is nearing completion. TR67 was approved with a stipulation that future bonding for each phase of construction will be required prior to the initiation of the next Phase.

The first bench has been completed and the second bench is near elevation. The out slope of the first bench is stable and the outslope of the second bench is stable. Piezometers will be installed during the summer of 2013 in the RDA. No problems were noted with the exception of the following:

- Heavy weeds (thistle and houndstoungue) were noted on the crest of the RDA west of the RDA Expansion.

Evidence of spraying was observed in the area of the RDA and implementation of the weed management plan is ongoing.



Toe Drain Outlet



Outslope of Bench 1



RDA Expansion

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Bench 1



Toe Drain Limit

SIGNS AND MARKERS – Rule 4.02:

Observed signs and markers were in place and in compliance with the exception of the following:

- Disturbed area markers along the RDA access road were located within the area of disturbance. These markers should be placed to delineate the limit of disturbance not within the disturbance. The markers will need to be relocated.

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ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions are pending and none were taken as a result of this inspection.
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