




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



PERMIT INFORMATION

Permit Number: C-1981-046 Mine Name: Sunlight Mine Operator: Garfield Energy Corporation Operator Address: X X, CO 11111	County: Garfield Operation Type: Underground Permit Status: Revoked Ownership: Private Operator Representative Present: None
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: April 24, 2013 Inspection Start Time: 13:00 Inspection End Date: April 24, 2013 Inspection End Time: 14:30		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): Brock F. Bowles Carla V. DeMasters		Inspector's Signature:  Signature Date: April 29, 2013	

Inspection Topic Summary

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

N - Air Resource Protection	N - Roads
N - Availability of Records	R - Reclamation Success
R - Backfill & Grading	R - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
R - Fish & Wildlife	N - Support Facilities On-site
N - Hydrologic Balance	R - Signs and Markers
N - Gen. Compliance With Mine Plan	N - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
N - Processing Waste	N - Topsoil

COMMENTS

This was a complete inspection of the Sunlight Mine conducted by Brock Bowles and Carla DeMasters of the Colorado Division of Reclamation, Mining and Safety. The permit for this mine was revoked and the bond was forfeited. The reclamation was completed by the Division. Weather conditions were sunny and warm. The perimeter of the permit boundary was mapped with a Trimble GeoXT GPS unit. This information will be used to verify existing maps and as a basis for a vegetation monitoring plan. There were many atv tracks noted on the lower portal area.

BACKFILL and GRADING – Rule 4.14

Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

The backfilled portal area did not have signs of slumping or cracking (photo 1). The soil above the lower fan portal is collapsing. The hole did not seem bigger than it was during a previous inspection last September 2012.

FISH and WILDLIFE – Rule 4.18:

Scratch marks were observed in the bark of an aspen tree on the lower portal area. It appeared that an animal with sharp claws climbed the tree (photo 2).

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:

The upper section of the clean water diversion ditch on the upper portal area was free and clear of obstructions (photo 3). The clean water diversion ditch culvert going under the county road on the western side of the mine site was almost completely obstructed (photo 4).

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The vegetation on the lower access road is good. The slope west of the lower air portal has very little

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

vegetation.

REVEGETATION – Rule 4.15 ☐ Vegetative Cover; Timing:

The vegetation is starting to green-up on the lower and upper portal areas. Some early season grasses and forbs were noted but the trees have not started to break their buds. An alder tree had recently been uprooted and placed by the water flume in the lower portal area.

SIGNS AND MARKERS – Rule 4.02:

The DRMS sign on the upper portal area is in place.

DOCUMENTS RECEIVED: None

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Photo 1 – Portal Area Backfill



Photo 2 – Claws Marks in Aspen Tree Bark



Photo 3 – Clean Water Diversion Ditch



Photo 4 – Clean Water Diversion Ditch Culvert

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4