



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Table with 1 row: Representatives Present During the Inspection: OGM Joe Helfrich Environmental Scientist III

Inspection Report

Table with 2 columns: Permit Number, Inspection Type, Inspection Date, Start Date/Time, End Date/Time, Last Inspection. Values include C0070007, COMPLETE, Wednesday, September 07, 2005, etc.

Inspector: Joe Helfrich, Environmental Scientist III

Weather: 80, breezy, sunny a few high clouds

InspectionID Report Number: 743

Accepted by: whedberg
9/29/2005

Permittee: SUNNYSIDE COAL CO
Operator: SUNNYSIDE COAL CO
Site: SUNNYSIDE MINE
Address: 99 W MAIN # 202, LEHI UT 84043
County: CARBON
Permit Type: PERMANENT COAL PROGRAM
Permit Status: RECLAIMED

Table with 3 columns: Current Acreages, Mineral Ownership, Types of Operations. Includes checkboxes for Federal, State, County, Fee, Other and Underground, Surface, Loadout, Processing, Reprocessing.

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this inspection was to evaluate the potential and/or existence of off-site impacts from the site and to conduct a complete annual bond forfeiture inspection. The inspection revealed that there were no off-site impacts from the reclaimed areas.

Inspector's Signature

Date Wednesday, September 28, 2005

Joe Helfrich, Environmental Scientist III
Inspector ID Number: 1

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

This bond forfeiture site was reclaimed as of July 1, 1999. The reclamation encompassed 310 acres of disturbed areas. On January 9, 2001, the Division's findings indicated that the site met the criteria for "Abandoned Site" in accordance with R645-400. As of the date of this inspection, the site remains as a bond forfeiture site.

2. Signs and Markers

Permit entry signs were observed prior to entering Fan and Water Canyons. As stated in previous inspection reports, the signs could be removed. Access locations to the property are gated and locked.

3. Topsoil

The soil material used in the reclamation of this bond forfeiture site is supporting good vegetative growth throughout the reclaimed areas. Recent storms have not resulted in any noticeable soil loss from the reclaimed areas.

4.a Hydrologic Balance: Diversions

Grassy Trail Creek flows through the reclaimed drainage. The stream was flowing at approximately 200 GPM through the reclaimed area. The drainage was stable and showed no signs of off-site impacts from the reclaimed areas. Willows along the drainage continue to grow well with some evidence of recent browsing by deer, big horned sheep, and elk.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment ponds were removed during reclamation.

4.c Hydrologic Balance: Other Sediment Control Measures

Sediment control measures include vegetation establishment and surface roughening. There was no evidence of off-site impacts from these areas.

4.d Hydrologic Balance: Water Monitoring

No water monitoring is being conducted at this site. No off-site impacts to water quality were noted.

9. Protection of Fish, Wildlife and Related Environmental Issues

As noted in the previous inspection, there is a sign containing information for the public about viewing Rocky Mountain bighorn sheep on the reclaimed area. The sign is located along the public road across from the reconstructed channel and tipple area. The sheep and deer and elk have been browsing in the reclaimed site vegetation. Coyotes and cotton tailed rabbits have also been using the area.

13. Revegetation

Vegetative cover on the reclaimed areas was high as noted in the previous inspection. Much of the area had at least 40 percent vegetative cover (based on visual observations). The following species were noted.

GRASSES, FORBS & SHRUBS

Indian ricegrass, penstemon, winterfat
bluebunch wheatgrass, Sweetvetch (or Cicer), rabbitbrush
western wheatgrass, blue flax, fourwing saltbush
Mountain brome, yarrow, sagebrush, willow,
narrow leaf cottonwood

18. Support Facilities, Utility Installations

The office and warehouse facilities remain as an approved industrial post-mining land use. Natural invasion of grasses and shrubs is evident in and around the parking lots and bulidings.