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State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150015
Inspection Type:	COURTESY
Inspection Date:	Wednesday, January 07, 2015
Start Date/Time:	1/7/2015
End Date/Time:	1/13/2015
Last Inspection:	Wednesday, December 17, 2014

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Russel Jensen

Inspector: Priscilla Burton,

Weather: sun 45F changing to overcast and snow flurries

InspectionID Report Number: 4081

Accepted by: JHELFRIC
2/2/2015

Permitee: **CONSOL MINING COMPANY, LLC**
Operator: **CONSOL MINING COMPANY, LLC**
Site: **EMERY DEEP MINE**
Address: **1000 CONSOL ENERGY DRIVE, CANONSBURG PA 15317**
County: **EMERY**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **INACTIVE**

Current Acreages

442.50	**Total Permitted**
248.50	**Total Disturbed**
	Phase I
	Phase II
	Phase III

Mineral Ownership

- [x] **Federal**
- [ ] **State**
- [ ] **County**
- [x] **Fee**
- [ ] **Other**

Types of Operations

- [x] **Underground**
- [ ] **Surface**
- [ ] **Loadout**
- [ ] **Processing**
- [ ] **Reprocessing**

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

I observed the progress of the reclamation work on study areas at the osmosis pond #4, the subsoil/topsoil stockpile area near pond #6, and the long subsoil stockpile in the vicinity of pond #1. Soils were graded. The sites were seeded. Certified straw was incorporated. Then it snowed an inch. Work remaining is to build a fence around the subsoil/topsoil stockpiles and sample soils as described on page 4, Chap III of the MRP.

Inspector's Signature: Priscilla Burton,
Inspector ID Number: 37

Digitally signed by Priscilla Burton
DN: cn=Priscilla Burton, o, ou, email=priscillaburton@utah.gov, c=US
Date: 2015.02.02 14:14:37 -07'00'

Date Tuesday, January 20, 2015

Note: This inspection report does not constitute an official Division 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 performace 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	☑	☐	☑	☐
2. Signs and Markers	☐	☐	☐	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☐	☐	☐	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☐	☐	☐	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☐	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☐	☐	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☐	☐	☐	☐
11. Contemporaneous Reclamation	☑	☐	☑	☐
12. Backfilling And Grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☐	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☐	☐	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS Check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

1. Permits, Change, Transfer, Renewal, Sale

This work was completed in accordance with the commitment stated on page 4, Chap III of the MRP, with field changes as follows:

Long Berm/Pond #1 vicinity. Two segments of the subsoil berm (vicinity of Pond #1)each 50 ft. in length were measured out. The first was graded to blend with the contour to creat a flat area 50 ft x 45 ft.(2,250 sq. ft.). In the second segment, a 50 ft length of berm surface 12 ft. wide was roughened on the berm's top (600 sq. ft.). The berm otherwise remained untreated. Six and 2/3 bales were spread out over the total 0.065 acre area. and approximately 3/4 of a 14.74 lb bag of seed (9.34 lbs PLS) was scattered over the area. This rate of straw applicationcorrelates to approximately 2 tons/acre straw (assuming 40 lb straw bales). The rate of seeding translates to approximately 100 lbs PLS/ac. Because this site was inaccessible to the farm disc implement, the tracks of the trackhoe were used to incorporate the straw into the soil and create seed/soil contact. This action compressed the surface four inches down to two inches. It is hoped that the compaction will be relieved by the action of freeze/thaw.

At the subsoil/topsoil stockpiles/Pond #6 area. The subsoil and topsoil piles were graded with the D8 dozer. Fifty-eight bales of straw were scattered. The site was seeded and the whole was disced by a tractor pulling a discer. Fifty eight bales corresponds to 1.16 tons (based upon a 40 lb bale). One fifty pound bag of seed (31.68 lbs PLS) were hand broadcast. The area was too muddy to pace off, so the ton/acre application of straw and the pounds per acre seed will be evaluated at a later date.

Reverse Osmosis Pond#4 berm. Tamarix growing the in the bottom of the pond were upended by the dozer and buried in the fill of the berm. These tamarisk appeared dead, according to those present at the time. The surface was mixed to a depth of 18 inches with pocking by a track hoe. Then flattened again with grading by the D9 dozer at my request. Approximately 50 bales of straw (1 ton of straw) was applied to the surface. The site was seeded and disced with the tractor pulling a discer. One fifty pound bag of seed (31.68 lbs PLS) were hand broadcast. The area was too muddy to pace off, so the ton/acre application of straw and the pounds per acre seed will be evaluated at a later date.

3. Topsoil

Nielson Construction was the contractor. Using a Cat D8 dozer, the Pond #6 topsoil/subsoil site was graded to diminish the pile height and side slope distance. Piles now are approximately 2 to 3 ft. high, with minimal side slope. Berms (also of subsoil) were reconstructed around the pile. The berms were seeded but not mulched.

In the next 60 days (by March 1), the topsoil storage area must be fenced as described in Chap III, p. 4a.

In the next 60 days (by March 1), soil sampling must be completed as described for each of these recently reclaimed study areas (see Chap III, p. 4a).

11. Contemporaneous Reclamation

Certified weed free straw tag and certified seed tags are attached to this inspection report and were sent to the Incoming file on 1/20/2015.

Technical Inspection Report #4081
January 8 and 12, 2015
Attachment A (8 pages)

Pond #4 Location

Pocks photographed on January 7th were graded out .

Pond #4 location graded, mulched seeded . Work completed January 12. Photo taken January 13, 2015. (In addition to the light snow that blanketed the area immediately after seeding, there were two more light rainstorms hit the area on January 27 and January 31.)

Pond #6 topsoil and subsoil stockpile location

Pond #6 Topsoil stockpile before treatment

Pond #6 smaller topsoil stockpile before treatment

Pond #6 topsoil and subsoil stockpile location

January 8. pond #6 subsoil stockpile before treatment

January 8. Grading out the topsoil/subsoil stockpiles and berms.

January 12. Applying mulch to graded subsoil/topsoil pile at pond #6

January 13, 2015. Pond #6 topsoil/subsoil stockpile graded, mulched, seeded, disced.

A tractor and disc was used to incorporate the mulch into the soil before broadcasting seed by hand.

Pond #1 Subsoil Berm

Pond #1 subsoil before treatment

January 8, 2015. After grading two treatment areas.

Seeding graded and mulched area.

Seed.

January 8. Track hoe compacts surface after mulching and seeding.

soil surface and seed after pass of track hoe to ensure good soil contact.