



# 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:	TECHNICAL
Inspection Date:	Tuesday, February 03, 2015
Start Date/Time:	2/3/2015 9:30:00 AM
End Date/Time:	2/3/2015 12:00:00 PM
Last Inspection:	Tuesday, January 27, 2015

Representatives Present During the Inspection:	
Company	Russel Jensen
OGM	Joe Helfrich

Inspector: Joe Helfrich

Weather: overcast 55

InspectionID Report Number: 4095

Accepted by: JHELFRIC

2/9/2015

Permittee: **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	<b>Total Permitted</b>
248.50	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- Federal
- State
- County
- Fee
- Other

#### Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

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

The reclamation work has been completed at the osmosis pond #4, the subsoil/topsoil stockpile area near pond #6 and an experimental portion of the windrowed soil near pond one. Access to the wind rowed area was not possible at the time of this site visit.

Inspector's Signature:

*Joseph C. Helfrich*  
Joe Helfrich,

Date Thursday, February 05, 2015

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. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

According to Priscilla Burton's previous site visit; The work at the three areas had been 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 create 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 application correlates 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 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.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

One of the inlets to the sediment pond near the osmosis pond has been a constant maintenance challenge for the permittee. There may be some alternatives to redirecting the upstream drainage to the other culvert inlet. Other options include replacing the existing culvert with a full round CMP or something similar or reducing the amount of drainage entering the black plastic culvert. The next site visit will include an evaluation of these options. The permittee is not obligated to make any changes to the current drainage controls.