



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:	C0250005
Inspection Type:	PARTIAL
Inspection Date:	Monday, January 12, 2015
Start Date/Time:	1/12/2015 12:00:00 PM
End Date/Time:	1/12/2015 5:30:00 PM
Last Inspection:	Wednesday, December 17, 2014

Inspector: Priscilla Burton,

Weather: 35 - 40 F, overcast, rain

InspectionID Report Number: 4082

Accepted by: JHELFRIC

2/3/2015

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Rachel Williams
Company	Kirk Nicholes

Permittee: **ALTON COAL DEVELOPMENT LLC**
 Operator: **ALTON COAL DEVELOPMENT LLC**
 Site: **COAL HOLLOW**
 Address: **463 North 100 West, Suite 1, CEDAR CITY UT 84720**
 County: **KANE**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

721.00	Total Permitted
329.00	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

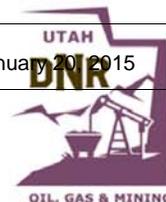
Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

GPS'd the disturbed area boundary for comparison with recent revision to Dwg 5-3 (Task 4776). Extremely muddy conditions hindered completion of the perimeter walk. Observed the remaining undisturbed boundary from a vehicle. Observed the progress of reconstruction of Lower Robinson Creek and the status of reclamation on regraded areas. A citation (#16149) has been issued for failure to follow the approved plan R645-300-142 during reconstruction of Robinson Creek. The abatement date is March 12 for the submittal of certified designs for the reconstruction of the Creek.

Inspector's Signature:

Priscilla Burton,
Inspector ID Number: 37

Date Tuesday, January 20, 2015



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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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

Undisturbed area boundary, Task 4776 is under review. The Division GIS specialist, Rachel Williams, and I walked a portion of the undisturbed boundary shown on revised Dwg. 5-3 provided with the amendment. Using the map.pdf application with the disturbed area map loaded onto an ipad, our GPS track corresponded with that mapped. As, the site was too muddy do complete the walking tour. We observed the remaining disturbed boundaries from a vehicle. Those boundaries also matched up with the map.

3. Topsoil

Subsoil stockpile #1 sign needs to be placed on the the same side of the road as or on the stockpile.

Topsoil pile #5 was recently re-applied to the graded southern pit locations. The subsoil was first roughened to eliminate rills. The regraded topsoil has been seeded.

4.a Hydrologic Balance: Diversions

Water is currently routed around the permit area in the temporary Robinson Creek Diversion. We observed the progress of the reclamation of the reconstruction of Robinson Creek through the permit area. The reconstructed creek banks have been covered with topsoil and seeded. The reconstructed channel banks do not include a flood plain. There is no rock placed in the bottom of the channel. There is no mulch blanket on the side slopes. There is no mulch. A citation (#16149) was issued for failure to follow the approved plan R645-300-142 during reconstruction of Robinson Creek. The abatement date is March 12 for the submittal of certified designs for the reconstruction of Robinson Creek.

Ditch DD#11 needs maintenance along its length.

4.c Hydrologic Balance: Other Sediment Control Measures

On the west side of the permit area, the impounding dyke within the reconstructed Robinson Creek channel has been removed. The dyke was replaced with five 1 ton bales of straw. The bales are installed one foot deep into the ground. Upstream of the dyke, the former catch basin is drying out. Reclamation is not yet completed in this section of the Reconstructed Robinson Creek channel. This temporary sediment control should be placed on the facilities map and shown in the abatement plans referred to in the citation.

12. Backfilling And Grading

In the two weeks prior to this inspection, ACD has topsoiled and seeded 1.2 acres on the Excess Spoil pile + 12 acres in the southern permit area (pits 28 - 25) and an undetermined number of acres along Robinson Creek.

13. Revegetation

Recently seeded areas have yet to be mulched or fertilized. As discussed with Kirk Nichols and the seeding contractor, all areas will be mulched/fertilized.

The practice of mulching after seeding is described in Section 242.130. Methods of mulching are described in Section 244.200. I discussed the timing of mulching and fertilization with Kirk and the seeding contractor Kevin Heaton. Mr. Heaton recommends applying fertilizer and mulch before drill seeding so as to maintain proper seed depth and placement. Following that logic we also discussed incorporation of straw before seeding. Either approach is acceptable. All areas must be mulched either before or after seeding, with the 1 ton/ac application as a minimum rate of mulch application.

For those areas already seeded, we discussed an application of wood fiber hydromulch and tackifier or application of straw over the frozen ground (with snowfall hopefully providing the weight necessary to hold the straw down). Unless there is snow in the forecast, hydromulch is preferable.



Pit 10 (Phase 1 area).



One ton straw bales at the west end of Lower Robinson Creek (Phase 1 area).



Lower Robinson Creek under reconstruction up gradient of straw bales (Phase 1 area)



Topsoil and seed applied to Lower Robinson Creek reconstructed channel in the location of former pits 3 and 5 (Phase 1 area).



Graded, topsoiled Pit 28 (Phase 2 area).