



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:	Wednesday, October 26, 2016
Start Date/Time:	10/26/2016 3:00:00 PM
End Date/Time:	10/27/2016 12:00:00 PM
Last Inspection:	Tuesday, September 27, 2016

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Kirk Nicholes
Company	Riley Anderson

Inspector: Priscilla Burton
 Weather: sun 60F
 InspectionID Report Number: 5680
 Accepted by: DHADDOCK
 10/31/2016

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
394.00	Total Disturbed
144.50	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:

In the North Lease: Coal is being mined out of the north end of Pit 5. Overburden is being removed from the South end of Pit 6. Topsoil is being hauled to Pits 1 & 2 from the north end of the topsoil pile (and previously from that portion of the pile located above the NE corner Pit 5).

In the South lease: Road base is stockpiled along the county road to enlarge the haul truck turning radius. The vegetated slopes of Temporary Robinson Creek have been pulled up and windrowed in anticipation of reclamation of the temporary diversion. Water pumped from Pond 3 is being spread on the Phase 1 bond release area. Seeding is taking place on topsoiled/graded HWT 2 and Pit 9b.

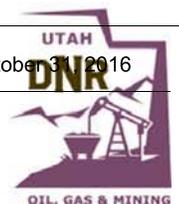
Termination of NOV 21183 was delivered to Mr. Nicholes at the outset of this inspection.

Inspector's Signature: **Priscilla Burton**

Priscilla Burton,
 Inspector ID Number: 37

Digitally signed by Priscilla Burton
 DN: cn=Priscilla Burton, o, ou,
 email=priscillaburton@utah.gov, c=US
 Date: 2016.11.03 12:18:22 -06'00'

Date Monday, October 31, 2016



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

Coal Hollow OSM Oversight Inspection Response Task 5287 is under review.
Pit B1 Borrow Area (NOV 21183 abatement) Task 5302 was approved 10/26/2016.
NOV 21183 was terminated during this inspection.
Area 1 Expanded received 10/25/2016, Task 5291, is under review.

3. Topsoil

North Lease topsoil: Two haul trucks were removing topsoil from the NW end of the topsoil stockpile and dumping the topsoil on graded Pits 1 & 2. Topsoil had recently been removed from the South end of the topsoil pile. Loose topsoil at the south end of the topsoil pile will be pushed back into the pile and the pile will be rebermed. The haul road above Pit 3 will be ripped prior to topsoil placement.

North Lease subsoil: Subsoil is stockpiled North of Pit 5 and is in place beneath the spoils pile, where it is buried less than 10 feet deep below the spoil.

South lease topsoil: Topsoil pile #2 will be partially used to cover 2015 Ph 1 bond release areas 1-1 (between the south and north temporary spoil haul roads). These areas are compacted from water truck travel and will be ripped prior to topsoil placement. Vegetated slopes along both sides of the Temporary Robinson Creek Diversion have been recovered for use as substitute topsoil. This soil is currently windrowed above the Temporary Diversion.

South lease subsoil: Subsoil pile #2 has been graded smooth and will be mulched and seeded this fall.

4.a Hydrologic Balance: Diversions

North Lease: Pit 6 excavation has eliminated DD 8.

South Lease: Temporary Lower Robinson Creek diversion will be backfilled with Pit B1 overburden. The riprap (12 inch d50) will remain in place.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Pond 3 discharged through the decant for the past three weeks. One water sample was taken of the decanted water each week. Pond 1 and 1B were recently cleaned out.

5. Explosives

A blast occurred on Tuesday, October 25, in the North end of Pit 5.

9. Protection of Fish, Wildlife and Related Environmental Issues

The population of thistle outside the permit area (but behind the permit area locked gates, must be controlled to avoid spreading the seed to recently topsoiled seeded acreage above HWT 2. Mr. Nicholes was given contact information for the county weed supervisor to ask the county's cooperation.

Male sagegrouse was perched in a tree along the County road/mine access road.

11. Contemporaneous Reclamation

South of Pit 10 the graded/topsoiled HWT 2 area is being mulched (hay and nutrimulch) and seeded (pasture mix). Mulch and seed is also scheduled to be applied to Subsoil pile #2 and 2015 Ph 1 bond release area 1-1 (between the north and south excess spoil haul roads) in the South Lease. Seed and mulch will also take place on 10 acres in the North lease this fall.

12. Backfilling And Grading

Pit 4 is being backfilled from the West.

16.a Roads: Construction, Maintenance, Surfacing

Ditches along the temporary excess spoil haul road have silted in. This road will be constructed as required to become a primary road for coal haulage from Pit B1. This construction work has not begun. Mr. Anderson stated that this road would not receive road base, which is confirmed in the MRP, Section 534.300-340.

17. Other Transportation Facilities

The mine is improving the entrance to the facilities yard from the County Road. The truck traffic has difficulty making the tight turn. Road base will be spread out to enlarge the turn around. Mr. Nicholes indicated that the BLM had verbally approved the enlarged area. Mr. Anderson stated that he was working with the County to improve the road. I confirmed with Lou Pratt, Kane County Road Supervisor that the County is aware of the road improvement outside of the permit boundary. I suggested the permit area could be enlarged to include this area, in order to treat runoff from the facilities yard that could potentially escape the straw bale ASCA's.

21. Bonding and Insurance

A bond is posted for the development of Pit 6, but the full extent of Pit 6 is outside the Area 1 boundary. Mr. Nicholes and I agreed that the current permit/bond does not allow development of Pit 6 beyond the current Area 1 boundary fence. Mr. Anderson was of a different opinion. I agreed to consult with the Division staff about the issue.

The Division engineer, Cheryl Parker, and Division hydrologist, Keenan Storrar, explained that allow Pit 6 is bonded to the full extent, the Area 1 boundary is the limit of allowable surface disturbance. This is because of the hydrologic boundary which is delineated by a silt fence on the East side of the topsoil pile (MRP Vol 7, page 7-81 and Dwg 5-48). Approval of the Area 1 Expanded area will allow construction of Pond T1 to capture disturbed area drainage. This task is currently under review as Task 5291. Approval of Task 5291 will allow full extraction of Pit 6.

Development of Pits 7 - 9 cannot proceed until further Phase 1 bond is released for backfilled/graded areas.

ATTACHMENT A – Photos



PHOTO 1 Loading topsoil from NW end of the topsoil stockpile



PHOTO 2 Topsoil placed on backfilled/graded Pit 1



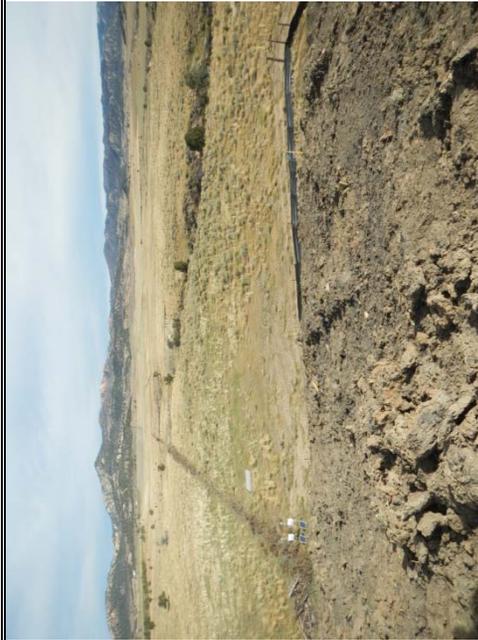
PHOTO 3 North Lease looking North at Pit 5. Haul truck gets loaded with Pit 6 spoil will travel across Pit 3&4 to dump at the North end of Pit 5. Sediment pond 6 inlet visible. DD8 was eliminated by Pit 6 highwall.



PHOTO 4 North Lease, Looking south at spoil pile and Pit 5. Topsoil in the foreground

ATTACHMENT A – Photos continued	
	
<p>PHOTO 5 South Lease. Ph 1 bond release area 1-1 being watered with water truck will require ripping prior to topsoil.</p>	<p>PHOTO 6 Excess spoil topsoil pile will be utilized on Ph 1 area 1-1. Pond 3 and Pit B1 area to the west.</p>
	
<p>PHOTO 7 Pond 3</p>	<p>PHOTO 8 Mulching and seeding of backfilled/graded HWT 2</p>

ATTACHMENT A – Photos continued

	
<p>PHOTO 9 Area 1 permit area silt fence along North end of North Lease topsoil pile. Area 2 in the distance.</p>	<p>PHOTO 10 Area 1 permit area silt fence along East side of North Lease topsoil pile. Area 2 & 3 in the distance.</p>
	
<p>PHOTO 11 Area 1 permit area silt fence along East side of North Lease topsoil pile. Mine haul road and County Road in distance.</p>	<p>PHOTO 12 Trucks hauling spoil across Pit 3 & 4 to West side Pit 5. Mining in North end of Pit 5. Topsoil pile foreground.</p>