



# 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: | Tuesday, August 07, 2012 |
| Start Date/Time: | 8/7/2012 8:00:00 AM      |
| End Date/Time:   | 8/7/2012 2:00:00 PM      |
| Last Inspection: | Tuesday, July 17, 2012   |

| Representatives Present During the Inspection: |                 |
|--|-----------------|
| Company  | Larry Johnson   |
| OGM  | Karl Houskeeper |
| OGM  | Kenneth Hoffman |

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 85 Deg. F.

InspectionID Report Number: 3190

Accepted by: jhelfric

8/13/2012

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

|        |                        |
|--------|------------------------|
| 635.64 | <b>Total Permitted</b> |
| 435.00 | <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:

Photo's Attached.

The South end of Pit #6 has been stripped of the overburden materials down to the top of the coal seam. Mining in Pit #4 is being completed. Overburden from Pit #6 has been pushed into Pit #5. As additional material is stripped from Pit #6 it will be placed on Pit #5 to completely cover Pit #5.

*Karl R. Houskeeper*

Inspector's Signature:

Date Thursday, August 09, 2012

Karl Houskeeper,  
Inspector ID Number: 49

Note: This inspection report is an official record of the Division of Oil, Gas and Mining. It is a public document and its contents are available to the public. For more information, contact 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 type="checkbox"/>            | <input type="checkbox"/> | <input 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 type="checkbox"/>            | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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"/> |

## **2. Signs and Markers**

The mine identification signs are located at the various entrances into the permit area from a public access and contain the required information set forth in the R645 Coal Rules. The signs are compliant.

### **4.a Hydrologic Balance: Diversions**

Rip Rap in the Robinson's diversion has been placed in the upper and lower reach's . There are portions of the diversion that contain gaps between rip rap placement and need to be supplemented with addition rip rap. This supplementation needs to be accomplished as soon as possible.

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

Photographs of all of the sedimentation ponds were taken as part of this partial inspection and are attached.

The upper inlet of pond #2 has been de-commissioned. This inlet was placed to close to the outlet allowing potential short circuiting to occur. All flow is now directed to the South East Inlet. The decommissioned North East Inlet needs to be completely removed on the interior of the pond. This change needs to be done on the drawings contained in the MRP and PE certified and submitted to the Division in a permit amendment.

## **5. Explosives**

No explosives are stored on site. The explosives used at this site are brought in just prior to conducting a blast.

## **6. Disposal of Excess Spoil, Fills, Benches**

Portions of the excess spoil pile are undergoing reclamation. See attached photo's.

## **8. Noncoal Waste**

Mine site was found to be free of noncoal waste items.



Sediment Pond #1



Sediment Pond #1B



Sediment Pond #2



Sediment Pond #2

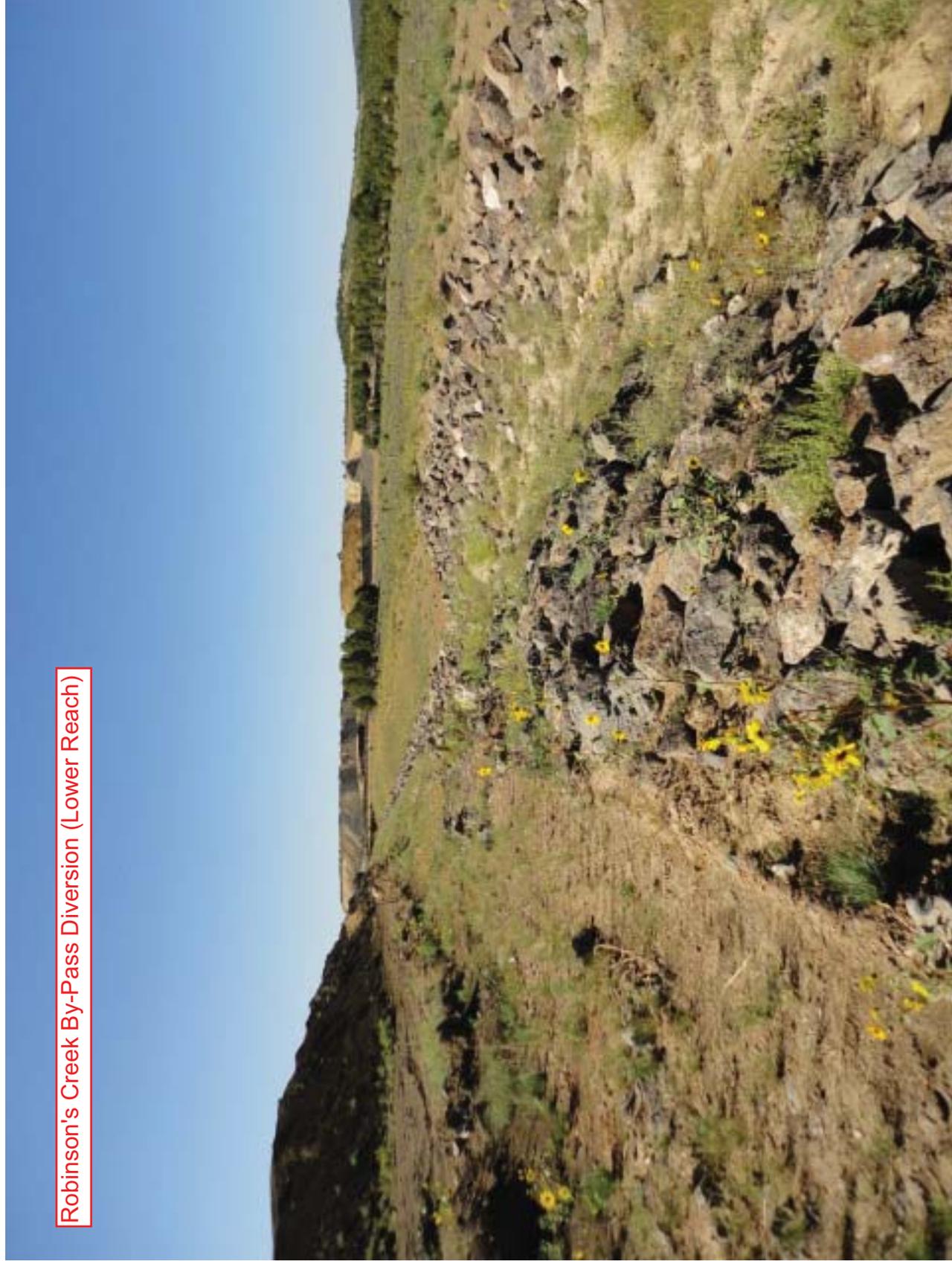


Robinson's Creek By-Pass Diversion (Upper Reach)



Robinson's Creek By-Pass Diversion (Corner between Upper & Lower Reach)

Robinson's Creek By-Pass Diversion (Lower Reach)





Sediment Pond #3



Excess Spoil Pile Outslope (North West Side)



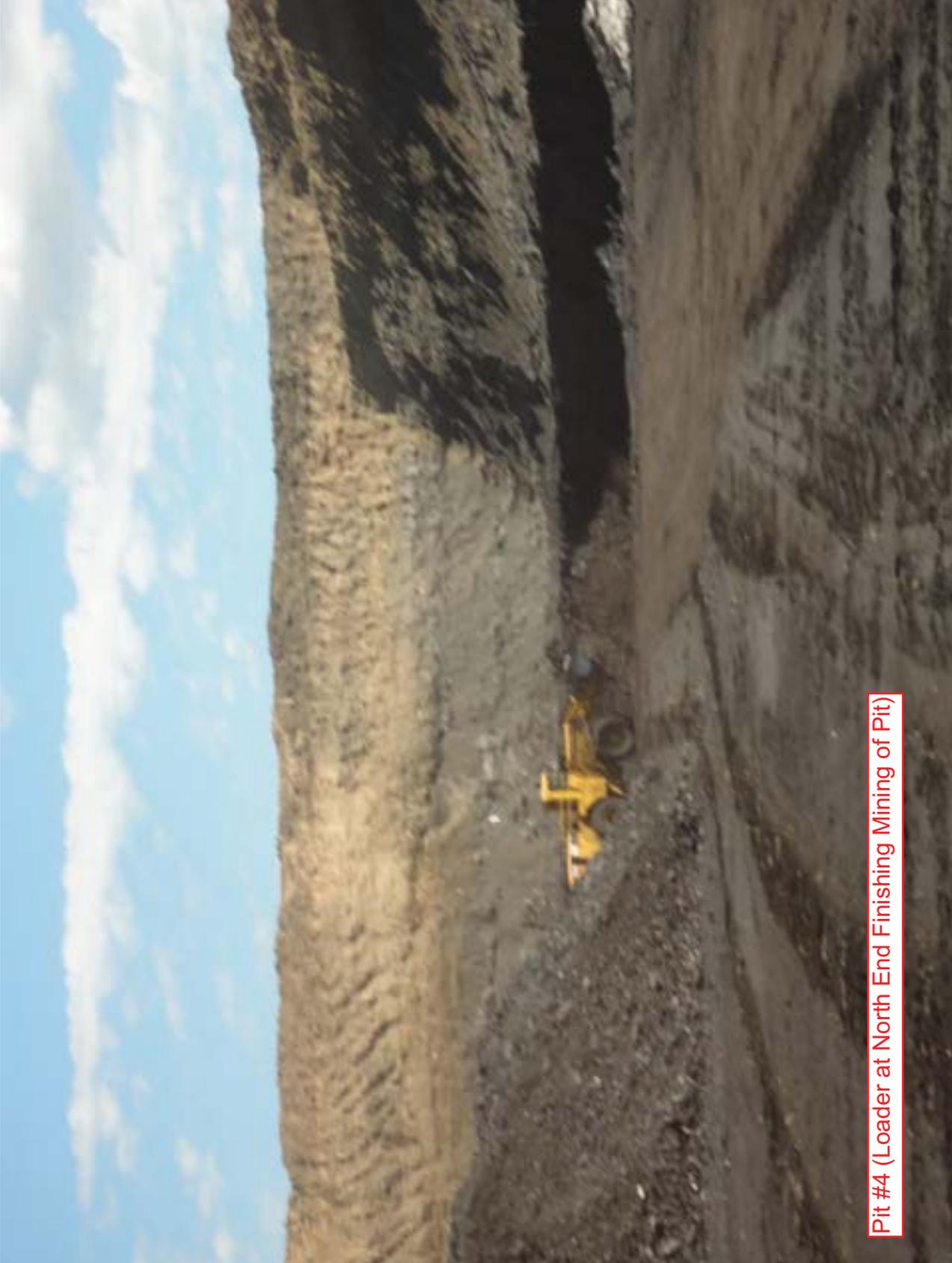
Excess Spoil Pile Outslope (North East Side)



Pit #6 (Overburden Removed Top of Coal Seam)



Pit #4 (Loader at North End Finishing Mining of Pit)



Pit #4 (Loader at North End Finishing Mining of Pit)