



# 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:   | <b>C0070041</b>          |
| Inspection Type: | COMPLETE                 |
| Inspection Date: | Tuesday, August 11, 2015 |
| Start Date/Time: | 8/11/2015 8:30:00 AM     |
| End Date/Time:   | 8/11/2015 1:00:00 PM     |
| Last Inspection: | Monday, July 27, 2015    |

| Representatives Present During the Inspection: |                 |
|--|-----------------|
| Company  | Karin Madsen    |
| OGM  | Karl Houskeeper |
| OGM  | Lisa Reinhart   |

Inspector: Karl Houskeeper

Weather: Partly Cloudy, Temp. 68 Deg. F.

InspectionID Report Number: 5266

Accepted by: JHELFRIC  
8/24/2015

Permitee: **WEST RIDGE RESOURCES**  
 Operator: **WEST RIDGE RESOURCES**  
 Site: **WEST RIDGE MINE**  
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

|          |                        |
|----------|------------------------|
| 8,080.58 | <b>Total Permitted</b> |
| 31.24    | <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:**

Checked in at the Utah American Main Office at the West Ridge Mine at the beginning of the Complete Inspection. Met with Karin Madsen and reviewed the records prior to conduction a field inspection.

*Karl R. Houskeeper*

**Inspector's Signature:**

**Date** Tuesday, August 11, 2015

Karl Houskeeper,  
Inspector ID Number: 49

**Note:** This inspection report does not constitute an official statement 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Topsoil   | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.d Hydrologic Balance: Water Monitoring                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4.e Hydrologic Balance: Effluent Limitations                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Explosives  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Disposal of Excess Spoil, Fills, Benches                      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Coal Mine Waste, Refuse Piles, Impoundments                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Noncoal Waste   | <input checked="" 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 type="checkbox"/>            | <input type="checkbox"/> |
| 10. Slides and Other Damage                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Contemporaneous Reclamation                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. Backfilling And Grading                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Revegetation   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Subsidence Control   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 15. Cessation of Operations                                      | <input checked="" 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 type="checkbox"/>            | <input type="checkbox"/> |
| 16.b Roads: Drainage Controls                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 17. Other Transportation Facilities                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 18. Support Facilities, Utility Installations                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 19. AVS Check  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 20. Air Quality Permit   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 21. Bonding and Insurance  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 22. Other  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

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

The DOGM permit is effective 04/01/2014 and expires 04/01/2019. Other documents include the following:

- Certificate of Insurance issued 06/01/2015 and terminates 06/01/2016.
- Reclamation agreement is dated August 6, 2008 and is signed by both parties.
- UPDES permit UT0025640 effective 05/01/2011 and expires midnight 04/30/2016.
- Air Quality permit DAQE-055-99 issued 01/14/1999.
- SPCC Plan dated August, 2012.

## **2. Signs and Markers**

The mine identification sign was observed upon entrance into the mining permit area. The sign contains the name of the company, address phone number and mining permit number as required. The sign is compliant.

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

The diversion along the main access road from the ID sign up to the truck load out received heavy rain fall and needs maintenance. The straw wattles need to be replaced and/or maintained. The operator is aware of this as it was discussed and the Division inspector was apprised of the need prior to the field inspection. The main diversion from the bath house to the warehouse needs maintenance. The energy dissipaters need to be cleaned and/or replaced.

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

The second quarter 2015 sediment pond inspection was done on June 10, 2015. Cell A 60% elevation is 6942.8' and the existing elevation is 6944.0'. Cell B 60% elevation is 6928.8' and the existing elevation is 6928.6'. The sediment pond needs to be cleaned. The operator is aware of this need. Currently the sediment pond at the Lila Mine is being cleaned. Once this cleaning is completed the equipment is scheduled to move to the West Ridge Mine to clean Cell A and B.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

See item 4a.

Catchment area C and A were visited as part of the complete inspection. Structures still remain at area A. All structure has been removed from area C. The operator is in the process of putting together a submittal to the Division to seek phase three bond release for area C. Pictures were taken and are attached to the PDF version of this inspection report.

### **4.e Hydrologic Balance: Effluent Limitations**

The June 2015 discharge monitoring reports were reviewed. The reports have been submitted to DEQ. 00 did not discharge. 002 discharged but no parameters were exceeded.



Catchment Basin C Area



Catchment Basin C Area



Catchment Basin A Area



Catchment Basin A Area