



# 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:   | C0410002               |
| Inspection Type: | PARTIAL OVERSITE       |
| Inspection Date: | Tuesday, June 10, 2014 |
| Start Date/Time: | 6/10/2014 1:00:00 PM   |
| End Date/Time:   | 6/11/2014 3:00:00 PM   |
| Last Inspection: | Tuesday, June 03, 2014 |

| Representatives Present During the Inspection: |                            |
|--|----------------------------|
| OGM  | Karl Houskeeper            |
| OGM  | Amanda Daniels             |
| Company  | Chris Hansen               |
| Company  | Vicky Miller               |
| Company  | Amanda Richard             |
| Company  | Wyatt Shakespear           |
| OSM  | Flynn Dickinson            |
| OGM  | Steve Christensen          |
| OSM  | Roberta Martinez-Hernandez |

Inspector: Karl Houskeeper.

Weather: Partly Cloudy, Temp. 78 Deg. F.

InspectionID Report Number: 3871

Accepted by: JHELFRIC  
6/23/2014

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SUFCO MINE**  
 Address: **597 SOUTH SR24, SALINA UT 84654**  
 County: **SEVIER**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

|        |                        |
|--------|------------------------|
| 720.48 | <b>Total Permitted</b> |
| 49.66  | <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:

*Karl R. Houskeeper*

Inspector's Signature:

Date: Monday, June 16, 2014

Karl Houskeeper,

Inspector ID Number: 49

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



Permit Number: C0410002  
Inspection Type: PARTIAL OVERSITE  
Inspection Date: Tuesday, June 10, 2014

## Inspection Continuation Sheet

*Page 2 of 4*

**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 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 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 sign is placed at the entrance into the mine permit area and contained the required information as set forth in the Utah R645 Coal Rules.

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

Two undisturbed bypass inlets were checked as part of the partial OSM oversight. The inlet to the undisturbed by-pass culvert above the mine-site was observed to have a small amount of debris in it. The Permittee was instructed to clean it. Amanda Richard (Sufco) cleaned the debris from the inlet the following day (verified by submitted photo).

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

The two sediment ponds that run in series were observed as part of the partial OSM oversight.

## **8. Noncoal Waste**

Site was found free of noncoal waste items outside of the designated containments.

## **14. Subsidence Control**

Subsidence cracks and crack repairs were observed. Special attention was given to those that lay in the stream channel. Flow interruption was noted on May 16, 2014. Flow interruption was observed from a canyon rim monitoring location. Flow could still be seen at a lower location. On May 19, 2014 personnel hiked into the canyon bottom and found the cracks that the water was running into. Personnel shoved native material into the cracks and then ordered bentonite. On May 21 and 22, 2014 bentonite was placed into the first three cracks and subsequently two additional cracks another 50 feet downstream. Nineteen 50 pound bags of bentonite were used. Water was observed flowing below monitoring location 006C on the 22nd. On May 23, 2014 flow was observed to be consistent at locations 006A and 006C. Joe Helfrich observed flow at location 006D On May 27, 2014. During the field inspection on June 10th, OSM, DOGM and Sufco staff inspected the areain the channel that had been cracked. At the time of the inspection, the creek was flowing and no additional cracks were observed. The repairs on the cracks appeared to be working. The company will continue to monitor the stream bed and additional updates to the DOGM. Additionally, DOGM will continue to monitor the subsided area.