



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:	C0070045
Inspection Type:	TECHNICAL
Inspection Date:	Wednesday, February 08, 2017
Start Date/Time:	2/8/2017 9:30:00 AM
End Date/Time:	2/8/2017 3:30:00 PM
Last Inspection:	Thursday, February 02, 2017

Inspector: Joe Helfrich

Weather: Sunny 55

InspectionID Report Number: 5764

Accepted by: DHADDOCK
2/28/2017

Representatives Present During the Inspection:	
Company	Kyle Edwards
OGM	Priscilla Burton
OGM	Joe Helfrich

Permitee: **BRC WELLINGTON, LLC**
 Operator: **BOWIE REFINED COAL, LLC**
 Site: **WELLINGTON DRY-COAL CLEANING FACILITY**
 Address: **1865 WEST RIDGE ROAD, WELLINGTON UT 84654**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

30.00	Total Permitted
30.00	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:

The purpose of this site visit was to conduct a field visit in conjunction with items C and H of the Mid-term review for the dry coal processing facility. The Vegetative Reference Areas were evaluated as well as the commitments for application of the best technology currently available (BTCA) to prevent additional contributions of additional suspended solids to streamflow outside of the permit area. Each of these items are described in more detail under sections 4A, B, C and 13 of this document. Other sections of the regulations evaluated included topsoil and the processing of coal and coal refuse. Refer to MRP Plate 5-1 Surface Facilities Map for roads, stockpile locations, ditches and ponds.

Stephen J. Demczak

Inspector's Signature:

Joe Helfrich,
Inspector ID Number: 1

Date Monday, February 13, 2017



Note: This inspection report does not constitute an affidavit 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

Stockpile locations are shown on Plate 5-1. Approximately 1,302 CY of topsoil is stockpiled in two piles. The season did not allow a thorough evaluation of the vegetative cover on either pile.

A small triangle of unrecovered topsoil (0.03 acres) was noted on the East side of the property between two ditches reporting to the East pond. When moisture conditions allow (March or April), this soil should be recovered and added to smaller topsoil stockpile, presently holding 302 CY.

4.a Hydrologic Balance: Diversions

Culverts shown on Plate 5-1 should be labeled for ease of reference. The diversion ditches which route runoff from the disturbed area were adequately conveying flow down gradient to the two sediment ponds located at the south end of the disturbed area.

Two ditches flow to the East pond. These ditches were observed to be down cutting. Mr. Edwards would like to install sediment control logs at intervals down the grade, to slow the flow in the ditches. No updates to the MRP will be required.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The two ponds at the southeast and southwest corners of the disturbed area were adequately functioning at the time of the site visit. This is the BTCA for this site and is working as designed. The inlets are culverted and that seems to be working better than the previous open inlets in terms of maintenance. Except for the addition of waddles in the diversion ditches the sediment control measures should remain as is.

4.c Hydrologic Balance: Other Sediment Control Measures

There are two alternative sediment control areas (ASCAS) located on the West side of the permit area as depicted on plate 7-2 and described in sections 7.2.2.3 and 7.4.2.2 of the MRP. They are bermed by waddles on the west side of the permit area.

4.d Hydrologic Balance: Water Monitoring

Expansion of the site for high ash coal storage resulted in Approximately 40% of the current disturbed area being located below or down gradient from the groundwater monitoring well (MW-1) shown on figure 7-2 of chapter 7. Continued monitoring from this well would not detect any potential impacts from the down gradient portion of mining operations.

The permittee has been requested in the midterm review to submit a revised groundwater monitoring plan for this facility.

7. Coal Mine Waste, Refuse Piles, Impoundments

Mr. Edwards estimated that 110,000 Tons of un-processed and processed coal and by-product was stockpiled on the site.

It was apparent that two large stockpiles in the South coal stockpile area, one high ash coarse and one high ash fines, covering approximately 5 acres, had been on site longer than 30 days.

13. Revegetation

This site currently does not have a reference area or standards for success for revegetation. A site visit at the appropriate time will be conducted to select a site or develop success standards. This should be completed prior to August 1, 2017.

16.a Roads: Construction, Maintenance, Surfacing

The ancillary road around the by-product stockpiles is well traveled and should be shown on Plate 5-1.

20. Air Quality Permit

Approval Order DAQE AN 2952003-05 was updated in June 2005 by adding equipment and coal production. The in-plant haul roads were observed to be unpaved and packed with coal fines.

22. Other

A large amount of equipment is stored in the Alternate Sediment Control Area on the West side of the property. This equipment storage area should be labeled on Plate 5-1.



MSHA ID# 42-02398
DOGM ID# C-007-045

1865 West Ridge Road
PO Box 401
Wellington, UT 84542
435-613-1631

THE "REFINED" APPROACH TO RECYCLED ENERGY



SPEED
LIMIT
10

K
WATER



















