OGMCOAL DNR <ogmcoal@utah.gov>

Hiawatha Inspection Report 6205

Priscilla Burton <priscillaburton@utah.gov> Tue, Aug 14, 2018 at 5:14 PM
To: Dana Jenkins <hannahsknight@yahoo.com>, "Charles Reynolds (Google Drive)" <charles.reynolds@hiawathacoal.com>, OGMCOAL DNR <ogmcoal@utah.gov>
Cc: Karl Houskeeper <karlhouskeeper@utah.gov>, Steve Christensen <stevechristensen@utah.gov>, Chris Rohrer <chrisrohrer@utah.gov>

Hello Dana and Charles,

I have attached a report of the Division's inspection of the Middle Fork and South Forks on July 31, 2018. During that inspection, the disturbed area boundary of the Middle Fork was discussed and noted. I checked the disturbed area boundary on Ex. V-5 and find a larger disturbed area boundary than that marked and discussed. The coal program related this information to Chris Rohrer and explained that scraping additional fill material from the approach to portals 29HO6/29HO7 would not be possible. In addition, this means that the contractor must stage within the disturbed boundary (because there is no room outside the boundary). Staging the equipment and work within the permit boundary will not result in a coal program violation as long as sediment controls are maintained. I do encourage you to make the disturbed area boundary markers visible to the contractor.

I hope the AMR project moves forward and is completed this fall.

Priscilla Burton
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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Inspection Report

Permit Number:	**C0070011**
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, July 31, 2018
Start Date/Time:	7/31/2018 10:00:00 AM
End Date/Time:	7/31/2018 1:00:00 PM
Last Inspection:	Thursday, July 12, 2018

Inspector: Priscilla Burton,

Weather: sun, 90F

InspectionID Report Number: 6205

Accepted by:DHADDOCK
8/7/2018

Representatives Present During the Inspection:

OGM	Priscilla Burton
OGM	Karl Houskeeper
OGM	Steve Christensen
OGM	Chris Rohrer
Company	Charles Reynolds
Company	Dana Jenkins

Permitee: **HIAWATHA COAL CO INC**
Operator: **HIAWATHA COAL CO INC**
Site: **HIAWATHA MINE**
Address: **PO BOX 1240, HUNTINGTON UT 84528**
County: **CARBON**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **INACTIVE**

Current Acreages

12,177.00	**Total Permitted**
197.00	**Total Disturbed**
97.50	**Phase I**
93.27	**Phase II**
93.27	**Phase III**

Mineral Ownership

- [x] Federal
- [x] State
- [ ] County
- [x] Fee
- [ ] Other

Types of Operations

- [x] Underground
- [ ] Surface
- [ ] Loadout
- [ ] Processing
- [ ] Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

DOGM staff met with Hiawatha Mine staff to agree upon operating procedures and sources of fill for use by the Abandoned Mine Reclamation (AMR) contractor who will reclaim portals adjacent to and within the disturbed area in Fall 2018.

The locations of 8 abandoned mine portals in Middle Fork are shown on Ex. V-5. In Middle Fork, they are along the North and South disturbed area boundary above the sediment pond, and below and above the access road leading from the truck loadout to the Middle Fork facilities yard. A 9th portal location was mapped in the same vicinity by AMR.

Two backfilled portals are not shown on South Fork Facilities V-8. They have been backfilled and are against the NW cutslope of the King VI mine yard.

Inspector's Signature: Priscilla Burton Priscilla Burton 2018.08.14 16:24:28 -06'00' **Date** Wednesday, August 1, 2018

Priscilla Burton,
Inspector ID Number: 37

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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UTAH DNR OIL, GAS & MINING

Permit Number: C0070011
Inspection Type: PARTIAL
Inspection Date: Tuesday, July 31, 2018

Inspection Continuation Sheet

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 performace 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	☐	☐	☐	☐
2. Signs and Markers	☑	☐	☑	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☐	☐	☐	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☐	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☐	☐	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☑	☐	☑	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☑	☐	☑	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☐	☐	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

2. Signs and Markers

Disturbed area boundaries were noted. The disturbed area marked on Ex V shows the boundary more clearly.

3. Topsoil

Two topsoil piles are shown on Ex. II-2. The South Fork stockpile contains 1,206 CY and the Middle Fork stockpile contains 354 CY. The attached photographs show grasses have been grazed off the Middle Fork pile which is protected by a berm. The South Fork pile is dominated by climax sagebrush.

A large stockpile of gully wash sediments has been stockpiled around the Middle Fork bathhouse. The stockpile is bermed. This stockpile is referenced on page 2-4 of the MRP as potential substitute topsoil and will not be used by AMR.

4.a Hydrologic Balance: Diversions

Middle Fork UD drainage culvert and disturbed drainage ditch were located. The disturbed drainage ditch will be widened for equipment crossing, while still maintaining its capacity and function. The disturbed ditch will be restored to design upon completion of the work.

10. Slides and Other Damage

Gully wash erosion from slopes above both the South and Middle Forks has brought sediments and boulders down to the pads. These sediments will be used by AML for reclamation. On the South Fork pad, these sediments lie within the King VI Mine Yard shown on Ex-V-8. In the Middle Fork these sediments are adjacent to the King IV return air fan portal and the old fan building shown on Ex V-5. Rocks and boulders may be gathered from these sediments. Loose rocks and boulders from the cut slope of the Middle Fork pad may also be collected.

15. Cessation of Operations

Temporary cessation was filed with the Division on October 12, 2010.(Incoming document 10/28/2010.pdf) "The Hiawatha Mine Complex continues in temporary cessation at least until the year 2024." 2017 Annual Report, p. 2.

Photo Attachment A – Hiawatha August 14, 2018

Middle Fork undisturbed bypass culvert (blue) and tipple in far ground. Disturbed diversion ditch on left.

AMR HO1 shown as pump room on Middle Fork Ex V-5.

Middle Fork truck turn around and AMR portal HO2 on access road to upper yard

AMR HC2 and HO6 on Middle Fork disturbed area boundary.

ATTACHMENT A – Hiawatha August 14, 2018

AMR portal HC3 on Middle Fork disturbed boundary

Middle Fork colluvial soil by King IV fan

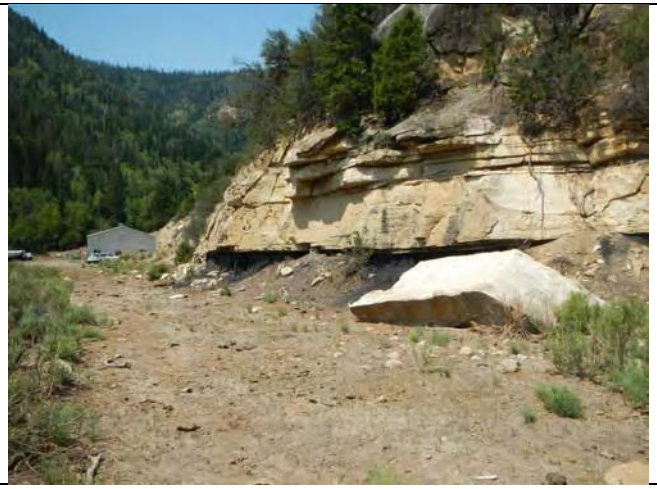
Middle Fork colluvial soil between fan and shop

Middle Fork pad showing location of shop and fan.

Photo Attachment A – Hiawatha August 14, 2018

Middle Fork. Colluvial soil stockpiled around bathhouse --not for use by AMR	Middle Fork topsoil stockpile 394 CY
South Fork looking upstream towards bathhouse from mine yard and colluvial soil pile on right is a potential source of fill for AMR.	South Fork looking downstream towards the shop and conveyor.

Photo Attachment A – Hiawatha August 14, 2018



South Fork access to mine yard. AMR portals are backfilled on either side of the boulder

South Fork colluvial debris flow on mine yard pad is source of fill for AMR portals

South Fork topsoil stockpile

South Fork topsoil pile.