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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
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April 23, 1998

Elliot Finley, Resident Agent  
Hiawatha Coal Company, Inc.  
P.O. Box 1202  
Huntington, Utah 84528

Re: Extension of Time to Respond to Division Order 97A, Hiawatha Coal Company, Hiawatha Mine, ACT/007/011-DO97A, Folder #3, Carbon County, Utah

Dear Mr. Finley:

On April 15, 1998 the Division received your request for extending the date for responding to Division Order 97A. Your request was based on the need to complete surveys of historical resources in the area and asked for an extension to July 30, 1998. We are interested in getting a quality submittal and want to make sure that you have adequate time to respond, however, many of the deficiencies are not tied to the Historical survey and could be completed now. We will grant your request for an extension only on those deficiency items that require having the historical survey done. You now have until July 30, 1998 to complete those items.

The remaining items are still due on the original due date (May 11, 1998). We have attempted to identify those deficiencies that can be completed without the historical survey and have attached the list hereto.

On a related note, your request to remove a deficiency from our list of deficiencies has been reviewed and is hereby approved. The deficiency required the loadout area along the Railroad right of way to be included as part of your disturbed area. Based on the information you have provided, the loadout area is not considered part of your mining operation and including it as part of your disturbed area will no longer be required.

Thank you for your help in resolving these issues. Please call if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock  
Permit Supervisor

tat  
Enclosure  
cc: Price Field Office  
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**Partial Punch List of Permit Deficiencies Division Order 97A**  
**(Response due by May 11, 1998)**

**R645-301-232.720, R645-240, R645-300-133.710, and R645-301-120:**

1. Provide updated As-Built for:

- (1) Pond #4 and Borrow Area "F",
- (2) Pond 5, Pond 5A, and Borrow Area "A", and
- (3) lower reclaimed area in the Prep Plant and associated borrow area.

Updated As-Built should contain current status for both reclaimed areas and borrow areas with their affected acreage, depth of soil removal and placement, and resulting volumes in a concise and consolidated table format. Format should allow comparison of volumes of soil removed from borrow areas to amount of soil fill in each reclaimed areas. One of the questions that needs to be addressed is if enough soil remains in Borrow Area "A" to finish reclamation of Pond 5 and 5A.

**R645-301-242.**

1. Borrow area A should be surveyed for actual to date quantities used and remaining.

**R645-301-341**

1. Some areas within and adjacent to the disturbed area have been affected by coal fines, and these effects need to be remediated. The remediation plan shown in the proposed amendment is acceptable, but the amendment contains a statement that there are two and only two areas that need to be mitigated. A third area south of the highway and northwest of pond 5A needs to be added. Coal fines may need to be mitigated in other areas although the Division is not currently aware of such areas, so the statement that only two areas will be mitigated needs to be modified.

**R645-301-341.240**

1. It is anticipated that whitetop and musk thistle could create some serious problems during revegetation, and the permittee needs to develop a plan for dealing with these noxious weeds. The plan needs to include active monitoring and control beginning in the early spring after seeding.

**R645-301-341.250**

1. The permittee needs to provide information in the plan about the range conditions of the reference areas which would be used for judging revegetation success. The Division has a copy of a letter from the Natural Resources Conservation Service showing this information, and this letter could be included in the plan to fulfill this requirement.

**R645-301-323**

1. The boundaries of the reference areas need to be shown on a map or the locations documented through other means, such as GPS technology, so they can be relocated.

**R645-301-341.**

1. Remove statement that seed and hydromulch will be spread in one application (pg.66, soils)

**R645-301-411.140**

1. The permit must be corrected to acknowledge historic sites and sites eligible for the register within and adjacent to Permit Area.
2. Maps and supporting narrative must be provided, describing the cultural and historic resources within and adjacent to the entire disturbed area which are listed, or eligible for listing, in the National Register of Historic Places. This will require a site inventory done by a person registered with State History. A description of any historic site within and adjacent to the disturbed area must be provided which details the protection and mitigation measures to be used during mining and reclamation activities.

**R645-301-512**

1. Maps are not certified

**R645-301-534.**

1. "Ancillary" road from the heavy equipment shop to the railroad crossing near junction of Slurry Pond #1 and Refuse Pile #1 should be classified as primary.
2. State Hwy 122, went to the Post Office. In 1993, at the request of U.S. Fuel the UDOT abandoned in place this road. Is this road now considered a primary road? What road is permitted as access to the site and will be used for hauling coal?

**R645-301-536.**

1. The cemetery must be cleaned of all coal mine waste. An attempt must be made to locate the registry of the town and determine if the cemetery as currently seen is correct.

**R645-301-542.**

1. Provide a detailed time-line for reclamation of Pond 5 and 5A in conjunction with Soil Borrow Area "A". Since the entire Borrow Area "A" has been opened, the time line will enable the Division to access the timeliness for using soil from the borrow area.
2. Timetable V-7 is not correct. Ponds 4 and 5 have not been completed. The timetable must be corrected.
3. North Fork Reclamation should be modified to describe what actually occurred (i.e. no topsoil was respread).

**R645-301-550.**

1. Page 56 describes an 8 x 20 foot breakout associated with the King 5 Mine in the left fork of South Fork. The breakout was from in mine. It is stated that at final cessation the opening will be sealed from within with no further work. Has this been done? What is status? Potential Bat gate? Is this shown on a Map?

**R645-301-551**

1. Hiawatha Coal Company will provide the Division with documentation about how the portals in North Fork Canyon were sealed.

**R645-301-850.100**

1. Hiawatha Coal Company will provide the Division with a detailed reclamation cost estimate for the railroad Loadout area and the associated haul road.

**MAPS (R645-301-142)**

**Exhibit II-4, Soils and Vegetation, Hiawatha Processing Plant and Waste Disposal Sites**

1. Test plot should have a different symbol than the vegetation reference area.

**Exhibit V-4, Surface Facilities, North Fork**

1. The title is misleading, should state Existing Surface Facilities
2. Need reclamation map with cross sections.
3. Map of North Fork road with detail of drainage and spring crossings.
4. Water pipeline and diversion should be included in the disturbed area boundary and the entire length of the pipeline shown on a map and marked as disturbed in the field.
5. Buried 4" pipe must be removed.
6. Small strip north of road on pad should be shown with green hatch mark.
7. The culvert associated with the road should be removed and attendant maps, plans and designs for the channel submitted. The requirements of R645-301-762.200 should be met for the stream ford and should include using methods to block access across the stream where the road ford presently exists.

**Exhibit V-5, Surface Facilities, Middle Fork**

1. This map should be approved.

**Exhibit V-6, Storage and Waste Facilities, Middle Fork**

1. The cross section for "Typical Reclaimed Section" should be removed from this map prior to approval.

**Exhibit V-6A, Post and Pre-Law, Middle Fork**

1. The tire storage area should be labeled as continuously used.

**Exhibit V-7, Storage and Waste Facilities, South Fork**

1. Remove the green hatch storage designation from the coal stock pile area.
2. What is the temporary coal waste storage area? Is this a refuse pile?

**Exhibit V-7A, Post and Pre-Law, South Fork**

1. This map should be approved.

**Exhibit V-7B. South Fork Surface Facilities. Hydrology Map.**

1. The ditch near the 4" pipes and draining to the 18" cmp, should be labeled so the design associated with the ditch can be determined.
2. The culvert associated with UD49 should be designed and a label provided on this map.
3. The 12" waterline is part of the disturbed area and sediment control measures must be provided and illustrated.

**Exhibit V-9, Storage & Refuse Facilities, Hiawatha Processing Plant and Waste Disposal Sites**

1. Non-coal waste storage should not be located on top of a refuse pile.
2. A small area for storage of waste oil and grease (noncoal waste) should be shown near the heavy equipment shop.
3. Blue dashed line should be closed to show exact area of refuse storage.
4. The Loadout within the railroad ROW should be included within the disturbed area boundary.
5. Inactive areas of coal waste storage should be shown (i.e. Slurry Pond 5).

**Exhibit V-9A, Post and Pre-Law, Hiawatha Processing Plant and Waste Disposal Sites**

1. The Loadout within the railroad ROW should be included within the disturbed area boundary.

**Exhibit V-9B, Hydrology Map, Hiawatha Processing Plant and Waste Disposal Sites**

1. The ditch to an ASCA adjacent to County road 338 and south of Slurry Pond No. 5 should be made more visible. Clarify where the drainage is flowing at the junction of ditches DD-1 UD-12 and DD-6. Provide culvert labels and associated culvert labels for the design so, the design flow associated with the drainage to the culverts can be determined. (There is more than one 24" culvert on the map). To make the maps clear and accurate areas of increased detail could be identified and cross referenced. The ditch to sedimentation pond D003 should be designed, labeled and illustrated on this map.
2. The areas which drain to the designated ASCA should be highlighted.
3. The beginning of DD6 is unclear. Drainage just northeast of DD12 is not labeled.
4. The Loadout within the railroad ROW should be shown as within the disturbed area boundary.

**Exhibit V-9C, Reclamation and Topsoil Borrow Areas, Hiawatha Processing Plant and Waste Disposal Site**

1. Dates of seeding done would be helpful on the maps
2. The Loadout within the Railroad ROW should be shown as within the disturbed area boundary.



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April 22, 1998

Elliot Finley, Resident Agent  
Hiawatha Coal Company, Inc.  
P.O. Box 1202  
Huntington, Utah 84528

Re: Transmittal of Approved Maps, Hiawatha Coal Company, Hiawatha Mine,  
ACT/007/011-DO-97A, File #3, Carbon County, Utah

Dear Mr. Finley:

The enclosed maps (Exhibit V-5 and V-7A) were approved on February 9, 1998, as part of your Mining and Reclamation Plan (MRP) for the Hiawatha Mine. We have stamped them "incorporated" for insertion into your Mining and Reclamation Plan. Thank you for following through on this action.

If you have any questions or comments please give me a call.

Sincerely,

Daron R. Haddock  
Permit Supervisor

tat  
Enclosure

cc: Ranvir Singh, OSM  
Richard Manus, BLM  
Janette S. Kaiser, Forest Service, 2 copies  
Price Field Office

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