

**State of Utah****Department of
Natural Resources**

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Executive Director

**Division of
Oil, Gas & Mining**

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January 30, 2007

Mark Reynolds, Resident Agent
Hiawatha Coal Company
P.O. Box 1202
Huntington, Utah

Subject: Reformat Chapter 5 and Update Subsidence, Hiawatha Coal Company (HCC), Hiawatha Complex, C/007/0011, Outgoing File, Task ID #2740

Dear Mr. Reynolds:

The Division has reviewed your application to reformat Chapter 5 of the MRP and update the subsidence monitoring program.

The Division has determined that there are some deficiencies that must be addressed before a determination can be made that the requirements of the R645 Coal Mining Rules have been met, and an approval can be granted. Those deficiencies are listed as an attachment to this letter.

Each deficiency identifies its author by that author's initials in parentheses, such that your staff can directly communicate with that individual should any questions arise.

Please respond to these deficiencies as soon as possible, but by no later than March 2, 2007, such that we may efficiently process your application.

Sincerely

A handwritten signature in cursive script, appearing to read "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

an
Attachment
O:\007011.HIA\FINAL\WG2740\DEFICIENCIES2740.DOC

Deficiency List
Task ID #2740
Reformat Chapter 5 and Update Subsidence

The members of the review team include the following individuals:

Wayne Western [whw]

R645-301-525.490, The Permittee must commit to include a subsidence map in the annual report that shows the location, and the amount of subsidence. The Permittee needs to include subsidence isopachs on the subsidence map. The Division needs the information to quickly analysis and present the subsidence data. [whw]

R645-301-525.440, The Permittee must include a detailed description of the monitoring plan. The detailed monitoring plan must include information about the number and location of the subsidence monitoring stations and the accuracy of the survey. For example, the Permittee must show the location of subsidence monitoring points on the subsidence map. The subsidence monitoring points must provide enough coverage so that accurate subsidence data can be obtained. The Permittee must also state the accuracy of the GPS unit. [whw]