

# Response To Technical Analysis Dated January 27, 2003

## Permit Application Format and Content

### R645-301-121.200

- Geology has been spelled correctly
- Pages numbers of the tables have been corrected and the [Exhibit 6-6](#) title has been changed.
- Form has been replaced with from where applicable.
- [724.600 in the table of contents has been removed.](#)
- [Table 7-8 in T.O.C.](#) has been changed to say Hiawatha.
- [Appendix 7-12 through 7-14](#) have been removed. The Divisions database is referenced on pages [7-32](#), and [7-103](#).
- Plate 7-18 is the Hydrology Maps. I assume the Borrow Area “A” map is an old map that is no longer being used. The cross sections for Borrow Area “A” are shown on Plate 5-13D. [Exhibits 7-22 and 7-23](#) were added to the Table of Contents.
- [Chapter 7 Table of Contents.](#) The name of table [7-12 and 7-15](#) has been changed.
- [The Department of Agriculture letter was added as page 7-52.](#)
- These water rights state that they are owned by U.S. Fuel, but should have been changed to Hiawatha when the property was sold. A change order has been submitted to the Division of Water Rights for this. The MRP now identifies Hiawatha as the owner. ([page 7-74](#))
- [Page 7-95](#) has been changed to reference Tables [7-12 and 7-15](#)
- Pages [7-32](#) and [7-103](#) have been changed to reference the Divisions Database.
- [Table 7-13 on page 7-100](#) has been changed.
- A hard copy of the Mayo report has been included.

## Hydrologic Resource Information

### R645-301-624, 724

The three hydrologic units have been clarified on [page 7-5](#).

### R645-301-728

The location of the water encountered was associated with a seam. ([pages 7-15, 7-16, and 7-63.](#))

### R645-301-728

[Table 7-9](#) was referenced on [page 7-68](#) in this section.

## Maps, Plans, and Cross Sections of Resource Information

### R645-301-622, -722

Mayo Figure 13b was referenced on [page 7-5](#) and [6-38](#).

Past and projected workings are now shown on [Plate 6-4](#).

Past and projected workings will be shown on [Plate 6-7](#) and the interval shown.

Multiple seam extraction is discussed on [pages 6-26 thru 6-29, 6-36, and 7-78 thru 7-80](#).

**R645-301-623.300, -625**

Updated [Plate 7-7](#) (Potential subsidence Areas)

**R645-301-622, -722**

Each seam is now the same color on every plate that it is shown on. Also all legends have been updated to further assist in reading the maps.

**R645-301-622, -722**

[Plate 7-1](#) has been updated

**R645-301-622, -722**

[Exhibit 7-2](#). A note was added referring to Table 7-1 where it will be done

**R645-301-622, -722**

The references on [page 7-3](#) were changed.

**R645-301-731.700**

A text description of the plates was included provided on [page 7-120](#).

**Hydrologic Information**

**R645-301-731.210**

We are coordinating the data submittal with the Division.

**R645-301-731.210**

A commitment to continue water quality analysis as outlined in the Mayo report was added on [page 7-99](#). An additional discussion on age dating was added on [page 7-64](#).

**R645-301-731.210**

This commitment is already made on [page 7-63 section R645-301-728](#).

**R645-301-73.210**

Changes were be made to [Table 7-12. \(page 7-97\)](#)

**R645-301-731.210**

This has been added to [Table 7-14 on pages 7-104 and 7-105.](#)

**R645-301-731.210, -731.220**

Changes have been made to the tables. (pages [7-104](#), [7-105](#), [7-108](#), [7-109](#), and [7-97](#)) It should be noted that in [table 7-14](#) all ST-4 sites are described under the ST-4 description. This is the same for ST-2 and ST-3 also.