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# TECHNICAL MEMORANDUM

## Utah Coal Regulatory Program

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April 14, 2011

TO: Internal File

THRU: Steve Christensen, Environmental Scientist II, Team Lead *S/C*

FROM: Priscilla Burton, CPSSc, Environmental Scientist III. *PWB km 825*

SUBJECT: Midterm Review, Headwaters, Incorporated, COVOL, C/0070045, Task #3805

### SUMMARY:

The mid-term response was received at the Price Field Office on April 14, 2011. The volume provided in Section 2.3.1.4 for both stockpiles is 1,302 cu yds. This information agrees with Division observations of the two soil stockpiles on February 23, 2011. The amendment is recommended for approval.

### TECHNICAL ANALYSIS:

## OPERATION PLAN

### TOPSOIL AND SUBSOIL

Regulatory Reference: 30 CFR Sec. 817.22; R645-301-230.

#### **Analysis:**

##### **Topsoil Removal and Storage**

Section 2.3.1.4 describes the storage of approximately 1,302 cu yds of topsoil in two stockpiles at the site. The stockpiles were observed during a site visit on February 23, 2011. The largest stockpile adjacent to the sediment pond in the southwest corner of the site is elliptical in shape with an approximate height of 10 ft., with an as-built volume of 1,000 yd<sup>3</sup>.

The smaller pile is a circular shape with an approximate height of 8 feet, with an as-built volume of 302 yd<sup>3</sup>.

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**Findings:**

The information provided meets the requirements of R645-301-231.400.

**RECOMMENDATIONS:**

The application should be approved.

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