

Helena, MT 59620

This was uploaded to the e-Permit on 8/7/18, letter was cut off in error, see attached letter emailed 8/8/17

Permit ID: C1979012

Revision Type: Amendment

Permitting Action: Deficiency Response

Subject: APPAM5; Arrowhead Amendment-Round 4 Acceptability Deficiency Response

Dear Chris:

The purpose of this letter is to respond and address the deficiency comments on APPAM5:

ARM 17.24.313(1)(h)(x): An explanation of the standard has been included, and directions to the supporting data are now included in the application. All the appendices for Addendum 313B were not attached to the Addendum or included in the application again. Please re-attach the appendices to Addendum 313B.

Response: Addendum 313B now contains all attachments for the Technical Standards. This Addendum can be found in the Reclamation, Revegetation Plan (Part II) section.

ARM 17.24.724(3): The technical standard has been properly addressed. The Appendices were again not included in Addendum 313B. Please include these appendices to the Addendum.

Response: The existing 17.24.724(3) refers the reader back to ARM 17.24.313(1)(h)(x), which now contains the tables for the reclamation technical standards.

Unsolicited Change:

The culvert table on AppK_Exhibit_1_2_20180806_APPAM5.pdf has been updated to reflect the



August 7, 2018

Sent via ePermit system

Department of Environmental Quality
Coal and Opencut Mining Bureau
1218 E 6th Ave
PO Box 200901
Helena, MT 59620

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The purpose of this letter is to respond and address the deficiency comments on APPAM5:

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Response: Addendum 313B now contains all attachments for the Technical Standards. This Addendum can be found in the Reclamation, Revegetation Plan (Part II) section.

ARM 17.24.724(3): The technical standard has been properly addressed. The Appendices were again not included in Addendum 313B. Please include these appendices to the Addendum.

Response: The existing 17.24.724(3) refers the reader back to ARM 17.24.313(1)(h)(x), which now contains the tables for the reclamation technical standards.

Unsolicited Change:

The culvert table on AppK_Exhibit_1_2_20180806_APPAM5.pdf has been updated to reflect the current design of the multi-plate culverts. The Drainage Area, CN, Pipe Slope, and Maximum Pipe Flow has changed very slightly on culverts with ID #s 117, 121, 129, 136. This exhibit is found in Operations/Plans for Ponds and Embankments.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gabe Johnson".

Gabe Johnson
Sr. Environmental Engineer