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 new version of the technical standards. The Permitting Action - Amendment-Round 4 Acceptability Deficiency Response.
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

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 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,

Gab Johnson  
Sr. Environmental Engineer

CC: C:\N:\SCC_TECH\5.0_Surface Mne Per\S.03_Permit 79012\S.03.9_Approvd Perm\S.2.9.4 ePermit\S.2.9.4.3-APPAM5\RESPONSES-COMMENTS\73/20180806_AcceptDef_Rnd4