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### **Approval for Quality Assurance Project Plan, 2023, Butte Mine Flooding Operable Unit and Butte Priority Soils Operable Unit, Private Well Monitoring Program, dated November 2022**

Nikia Greene

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8, MONTANA OFFICE

FEDERAL BUILDING, 10 West 15<sup>TH</sup> Street, Suite 3200  
Helena, MT 59626-0096  
Phone 866-457-2690  
www.epa.gov/region8

Ref: 8MO

January 19, 2023

Mr. Ted Duaine  
Project Manager/Hydrogeologist  
Montana Bureau of Mines and Geology  
1300 West Park Street  
Butte, MT 59701

**Re: Approval for *Quality Assurance Project Plan, 2023, Butte Mine Flooding Operable Unit and Butte Priority Soils Operable Unit, Private Well Monitoring Program, dated November 2022***

Dear Ted:

The U.S. Environmental Protection Agency (EPA), in consultation with the Department of Environmental Quality (DEQ), approves the above-described document from Montana Bureau of Mines and Geology (MBMG), with the following comments.

**Comments:**

It appears that a previous version of the approved 2022 version of the QAPP was used to prepare the 2023 version and some comments that were addressed in the final 2022 version were not carried over into the 2023 version. Please readdress the following comments, insert the crosswalk, signature page, and distribute the final approved QAPP.

1. List of Acronyms and Abbreviations. Neither “CRQL” or “TDS” is cited in the main body of the document. Please verify and add/remove as appropriate.
2. Section A.1. In the second sentence of the second paragraph, add the document title of the work plan (i.e., AR 2009) and add this document to the references.
3. Section A.5. In the second paragraph, add the 2006 Record of Decision (i.e., EPA 2006) to the list of references.
4. Section B1.b, Field Equipment. Consider adding chain-of-custody forms, zip-top bags, peristaltic pump, calibration solutions, garbage bags, nitrile gloves, and personal protective equipment to the list of field equipment.

5. Section E. The reference “EPA 2008” is not cited in the document and should be removed.

If you have any questions, please contact me at 406-457-5019.

Sincerely,

Nikia Greene  
Remedial Project Manager

Attachment: EPA Document Review Crosswalk

cc: (email only)

Loren Burmeister, AR

Dave Griffis; AR

Chris Greco; AR

Jean Martin, counsel on behalf of AR

Mave Gasaway, counsel on behalf of AR

Adam Cohen, counsel on behalf of AR

Brianne McClafferty, counsel on behalf of AR

Jim Jonas, on behalf of AR

Mark Thompson, MR

Jeremy Fleege, MR

Becky Summerville, Council for MR

John Gallagher; BSBC

Julia Crain, BSB County

Eric Hassler, BSB County

Jon Morgan, DEQ

Carolina Balliew, DEQ

Daryl Reed, DEQ

Garrett Smith, DEQ

Ted Duaine, MBMG

Gary Icopini, MBMG

Chapin Storrar, CDM Smith

Aaron Urdiales, EPA

Erin Agee, EPA

Chris Wardell, EPA

Dana Barnicoat; EPA

John Sither, DOJ-EES

Rich Keeland, Aspect Engineering

Adam Logar, Pioneer

Kristi Carroll; Montana Tech Library

