

Montana Tech Library

**Digital Commons @ Montana Tech**

---

Silver Bow Creek/Butte Area Superfund Site

Montana Superfund

---

Summer 6-15-2023

**Approval of the Final Butte Priority Soils Operable Unit (BPSOU),  
Draft Final Interim 2023 Site-Wide Groundwater Quality Assurance  
Project Plan (QAPP) (dated April 5, 2023)**

Nikia Greene

Follow this and additional works at: [https://digitalcommons.mtech.edu/superfund\\_silverbowbutte](https://digitalcommons.mtech.edu/superfund_silverbowbutte)



Part of the [Environmental Health and Protection Commons](#), [Environmental Indicators and Impact Assessment Commons](#), and the [Environmental Monitoring Commons](#)

---



**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](http://www.epa.gov/region8)

Ref: 8MO

June 15, 2023

Mr. Josh Bryson  
Liability Manager  
Atlantic Richfield Company  
317 Anaconda Road  
Butte, MT 59701

**Re: Approval of the Final Butte Priority Soils Operable Unit (BPSOU), Draft Final Interim 2023 Site-Wide Groundwater Quality Assurance Project Plan (QAPP) (dated April 5, 2023)**

Dear Josh:

The U. S. Environmental Protection Agency (EPA), in consultation with the Montana Department of Environmental Quality (DEQ), is approving the *Draft Interim 2022 Site Wide Groundwater Quality Assurance Project Plan (QAPP)* (dated April 5, 2023) with the following comments. Once the comments have been addressed, please distribute the QAPP as final.

**Comments:**

- Please include the attached signature page and EPA crosswalk in the final version and distribute the QAPP.
- Please note that if this plan were to change, please submit a revised QAPP to the EPA and DEQ for review and approval.
- EPA would like to change the QAPP requirements for the data validation process for the following groundwater samples.
  1. Point of Compliance Wells – Assuming the same laboratory is utilized throughout the year, please perform Stage 4 validation on one data package per each sampling event. It is recommended to consolidate the collected samples into one data package.
  2. All other validation processes/procedures are acceptable.

If you have any questions or concerns, please call me at (406) 457-5019.

Sincerely,

Nikia Greene  
Remedial Project Manager

Attachment:  
EPA crosswalk  
EPA and DEQ signature page

cc: (email only)  
Butte File  
Daryl Reed; DEQ  
Jon Morgan; DEQ counsel  
Carolina Balliew; DEQ  
Harley Harris; NRDP  
Katherine Hausrath; NRDP  
Jim Ford; NRDP  
Pat Cunneen; NRDP  
John Gallagher; BSBC  
Sean Peterson; BSBC  
Eileen Joyce; BSBC  
Eric Hassler; BSBC  
Brandon Warner; BSBC  
Chad Anderson; BSBC  
Karen Maloughney; BSBC  
Julia Crain; BSBC  
Abby Peltomaa; BSBC  
Jeremy Grotbo; BSBC  
Sean Peterson; BSBC counsel  
John DeJong; UP  
Robert Bylsma; UP counsel  
Leo Berry; BNSF and UP counsel  
Doug Brannan; Kennedy Jenks for BNSF and UP  
Brooke Kuhl; BNSF counsel  
Lauren Knickrehm; for BNSF  
Philip Hooper; Kennedy Jenks for BNSF and UP  
Bob Andreoli; Patroit/RARUS  
Becky Summerville; counsel for Inland Properties Inc.  
Robert Lowry, BNSF counsel  
Loren Burmeister; AR

Josh Bryson; AR  
Chris Greco; AR  
Mike Mcanulty; AR  
Dave Griffis; AR  
Jean Martin; Counsel AR  
Mave Gasaway; attorney for AR  
Adam Cohen; Counsel for AR  
Pat Sampson; Pioneer for AR  
Scott Sampson; Pioneer for AR  
Scott Bradshaw; TREC  
Karen Helfrich; Pioneer for AR  
Andy Dare; Pioneer for AR  
Scott Sampson; Pioneer for AR  
Brad Archibald; Pioneer for AR  
Andy Dare; Pioneer for AR  
Tina Donovan; Woodardcurran for AR  
Ted Duaiame; MBMG  
Gary Icopini; MBMG  
David Shanight, CDM Smith  
Curt Coover, CDM Smith  
Chapin Storrar; CDM Smith  
Erin Agee, EPA  
Will Lindsey, EPA  
Aaron Urdiales; EPA  
Jamie Miller; EPA  
Chris Wardell; EPA  
Dana Barnicoat; EPA  
Charlie Partridge; EPA  
Ian Magruder; CTEC (Tech Advisor)  
Janice Hogan; CTEC  
Marissa Stockton; Rosendale State Director  
Kristi Carroll; Montana Tech Library