TAG QUARTERLY PROGRESS REPORT

Date:	August 15, 2019
Report Number:	109
Report Period:	April – June 2019
Site:	**Butte Area/Silver Bow Creek**
Grant Recipient:	Citizens Technical Environmental Committee (CTEC)
Technical Advisors:	KirK Engineering & Natural Resources

PROGRESS ACHIEVED

Attended health study working group meetings. Steve Ackerlund – Technical Advisor and various board members.

Continued to work on NIH/INBRE Grant CTEC/Mt Tech: Bridging the Gap: Evaluating Environmental Health Risk Perceptions for Better Community Engagement with Mt Tech. Conducted 3 focus groups. Interviewed citizens visiting the CTEC office.

Conducted an informal meeting with the public to discuss questions on the BPSOU proposed plan and other issues pertaining to the Butte area Superfund cleanup. Distributed and discussed a questions and answers summary. Board members met with EPA to discuss these questions prior to meeting. April 30, 2019

Produced and distributed a flyer "Plain Language about the New Proposed Plan". Ian Magruder - Technical advisor produced for CTEC May 2019.

Sent CTEC Official comments to EPA on the April 2019 Proposed Plan for BPSOU. June 2019.

Amended Kirk Engineering technical advisor contract adding additional funding and time.

Met with new EPA Region 8 Administrator Greg Sopkin. June 11, 2019.

Held Annual meeting May 28, 2019.

Sponsored a CTEC Pavilion at Butte Farmer's Market to talk with the public about questions and concerns they may have on the Superfund cleanup. Other groups are

invited weekly to join in on the conversation. Some include RMAP, CFWEP, Restore Our Creek, EPA, DEQ, ARCO, BNRC and Mt Tech

Sponsored 3 meetings open to the public.

Provided technical assistance to 40 members of the public at CTEC office.

CTEC Board of Directors Meeting (all board meetings are open to the public)

Annual meeting. BPSOU Proposed Plan updates. Health Study updates – EPA and Mt Tech INBRE. May 28, 2019.

Board Meeting-EPA Proposed Plan update-outreach ideas. June 27, 2019.

CTEC Public Presentations/ Events

Informational meeting to help the public learn about and discuss the Proposed Plan for Butte Priority Soils Operable Unit and other issues pertaining to the Butte area Superfund cleanup. April 30, 2019.

Non-CTEC meetings/tours attended by CTEC staff and/or Board:

EPA public meetings at the Montana Tech Campus Library Auditorium April 23 and May 23, 2019.

Medical monitoring working group –various.

Butte Natural Resource Damage Restoration Council. June 6, 2019.

Restore Our Creek meetings.

University of Mt - MT Tech Remediation/Restoration Seminar Series.

Butte-Silver Bow-Butte Superfund Advisory Redevelopment Trust Committee Meetings (SARTA).

Citizens for Labor and Environmental Justice Meetings (CLEJ).

Documents Reviewed and/or comments provided:

EPA BPSOU Proposed Plan – April 2019

Other documents were reviewed at varying levels by CTEC board members or advisors when they were received.

DIFFICULTIES ENCOUNTERED:

EPA region 8 Administrator Doug Benevento left for new a new position.

EPA Community Involvement Coordinator, Jacqui Barker, resigned April 2019.

Focusing on the most effective ways to spend TAG funds. Butte area is a very large and complex site.

Increasing public involvement.

Updating Technical Advisor roles.

MATERIALS PRODUCED THIS PERIOD:

Health study working group meeting summary of March 26th public meeting. April 8, 2019 – Steve Ackerlund (attached)

CTEC - Questions and Answers on the EPA Proposed Plan. May 2019 (attached)

CTEC - Plain language about the new Proposed Plan. May 2019 (attached)

CTEC – Official Comments on EPA's April 2019 Proposed Plan June 2019 (attached)

Summary of all reports received by the CTEC office from 2010 through June 30, 2019.

Summary of media on Butte Superfund remediation/restoration. 2015-2019.

ACTIVITIES ANTICIPATED IN NEXT QUARTER:

- Provide technical support on the BPOSU Proposed Plan.
- Provide technical support for the Butte Health Monitoring Study Phase 2.
- Provide technical support on the NIH/INBRE Grant – Bridging the Gap. Health

Perceptions and Superfund.

- Continue to gain feedback from the community on Superfund questions concerns.
- Focus on technical assistance.
- Focus on outreach strategy.
- Focus on new outreach material.
- Focus on partnering with other local entities.
- Provide support to EPA Community Involvement Coordinator for Butte Superfund sites.
- Provide support to EPA Remedial Project Managers for Butte Area Superfund sites.
- Focus on technical support and outreach for phase II of the Butte health study.
- Work on strategic plan (a working document).
- Work on Scope of Work plan (a working document).
- Focusing on spending most funds on CTEC technical advisors.
- Focus on storm water issues and outreach.
- Focus on surface water issues and outreach.
- Focus on ground water issues and outreach.
- Continue working on identifying priorities.
- CTEC representative for the Restore Our Creek Coalition.
- CTEC representative on the waterfowl committee focusing on geese safety at the Butte Mine Flooding Operable Unit - Berkeley Pit.
- CTEC representative for the Butte Natural Resource Damage Program.
- CTEC representative for Citizens for Labor and Environmental Justice.
- CTEC representative for the Pitwatch Program.
- Provide public outreach for the Residential Soils Program.
- Provide technical support to neighborhood groups.
- Provide technical support to the Butte Natural Resource Damage Council.
- Provide technical support to B-SB Superfund Advisory Board - Redevelopment Trust Fund.
- Provide technical support to Clark Fork Watershed Education Program.
- Provide technical support to Butte Citizens for Labor and Environmental Justice.
- Provide technical support to Pit Watch.
- Provide technical support to the Science Mine.
- Provide technical support to Project Green.
- Provide technical support to the Imagine Butte Resource Center.
- Provide technical support to the MT Tech Remediation/Restoration Seminar Series.
- Provide technical support to the MT Tech Biology/Chemistry research Departments.
- Provide technical support to the Native Plant Program at Mt Tech.
- Provide technical support to the Butte Radio KBMF 102.5.
- Provide technical support to the Montana Public Radio.
- Provide technical support to the Montana Standard newspaper.
- Provide technical support to the local news stations.

DOCUMENTS RECEIVED THIS PERIOD at the - CTEC OFFICE

April – June 2019

Unilateral Administrative Order Monthly Report of Activities – **Atlantic Richfield Co**

March	2019 (electronic)
April	2019 (electronic)
May	2019 (electronic)

Unilateral Administrative Order Monthly Report of Activities - **Butte-Silver Bow**

March	2019 (electronic)
April	2019 (electronic)
May	2019 (electronic)

Unilateral Administrative Order Monthly Report of Activities – **BNSF/UP**

March	2019 (electronic)
April	2019 (electronic)
May	2019 (electronic)

Butte Mine Flooding Operable Unit Monthly Reports: **Montana Bureau of Mines and Geology**

March	2019 (hard)
April	2019 (hard)
May	2019 (hard)

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. 2018 Draft Surface Water Monitoring Data Summary Report: Butte Hill Diagnostic. Dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 1, 2019. Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. 2018 Draft Surface Water Monitoring Data Summary Report: Normal Flow and Wet Weather. Dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 1, 2019. Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. 2018 Draft Groundwater Monitoring Data Summary Report. Dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 1, 2019. Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA comment letter to Atlantic Richfield: BPSOU Draft Final Solid Media Program Plan, dated November 2, 2018. Letter Dated April 1, 2019. Nikia Greene – EPA. Electronic copy April 1, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Draft Final Butte Priority Soils Operable Unit (BPSOU) Third Cycle Best Management Practices (BMPs) New and Mahoney Work Plan. Report dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 4, 2019. Ruthmeri Gleason – Pioneer.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Request for Change (RFC): Final Northside Tailings/East Buffalo Gulch Area (NST) and Diggings East Stormwater Basin Area (DE) Fill Characterization and Geotechnical Investigation Sampling and Analysis Plan (SAP) Request for Change. Dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 5, 2019. Ruthmeri Gleason – Pioneer.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA comment letter to Atlantic Richfield: BPSOU Draft Final Reclaimed Areas M&M Plan and BRES Field Manual, both dated November 5, 2018. Letter dated April 5, 2019. Nikia Greene – EPA. Electronic copy April 5, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA Approval Letter to Atlantic Richfield: BPSOU Draft Final Quarterly Operations and Maintenance Report BTL System-4Q2018_ dated February 21, 2019. Letter dated April 5, 2019. Nikia Greene – EPA. Electronic copy April 5, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Draft Final Butte Priority Soils Operable Unit (BPSOU) Third Cycle Best Management Practices (BMPs) Anderson Shaft Work Plan. Dated April 2019. Josh Bryson – Atlantic Richfield. Electronic copy April 9, 2019. Ruthmeri Gleason – Pioneer.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA Factsheet: Five Things to Know About EPA's Proposed Plan for ROD Amendment. April 2019. Chris Wardell-EPA CIC. Electronic copy April 10, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA Proposed Plan to Amend the 2006/2011 Record of Decision Butte Priority Soils Operable Unit #MTD980502777. April 2019. Public comment period April 11 – June 11, 2019. Chris Wardell – EPA CIC. Electronic copy April 10, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. 2018 Buffalo Gulch Groundwater Hydrocarbon Sampling Quality Assurance Project Plan (QAPP) Request for Change #2 Memorandum (RFC). Dated May 2019. Josh Bryson – Atlantic Richfield. Electronic copy May 3, 2019 Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Buffalo Gulch and Grove Gulch Soils Characterization Sampling and Analysis Plan (SAP)

Request for Change (RFC) #2 Memorandum. Dated May 2019. Josh Bryson – Atlantic Richfield. Electronic copy May 3, 2019 Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA comment letter to Montana Bureau of Mines and Geology: BPSOU/BMFOU Draft Private Well Monitoring Program QAPP, dated January 31, 2019. Letter dated May 9, 2019. Nikia Greene – EPA. Electronic copy May 9, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA approval letter to ARCO: BPSOU Draft Final Third Cycle BMPs Anderson Shaft Work Plan, dated April 9, 2019. Letter dated May 9, 2019. Nikia Greene – EPA. Electronic copy May 9, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA approval letter: BPSOU Draft Final Third Cycle BMPs New and Mahoney Work Plan, dated April 4, 2019. Letter dated May 9, 2019. Nikia Greene – EPA. Electronic copy May 9, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA comment letter to BSB: BPSOU Draft 2018 BRES Field Evaluation Summary Report and Technical Recommendations Report, 2018 Field Evaluation of Reclaimed Sites Summary Report, dated March 7, 2019. Letter dated May 9, 2019. Nikia Greene – EPA. Electronic copy May 9, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Draft Final Quarterly Operations and Maintenance Report Butte Treatment Lagoon System – First Quarter 2019. Dated May 28, 2019. Josh Bryson – Atlantic Richfield. Electronic copy May 28, 2019. Ruthmeri Gleason – Pioneer.

Butte Natural Resource Damage Program (BNRC) meeting agenda – Jun 6, 2019

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA comment letter and signed RFC to ARCO: BPSOU BG Hydrocarbon QAPP RFC #2, dated May 3, 2019. Letter dated June 5, 2019. Nikia Greene – EPA. Electronic copy June 5, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. comment letter: BPSOU BG and GG Soils SAP RFC#2, dated May 3, 2019. Letter dated June 5, 2019. Nikia Greene – EPA. Electronic copy June 5, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Approval: BMFOU/BPSOU Private Well Monitoring QAPP, dated May 2019. Letter dated June 10, 2019. Nikia Greene – EPA. Electronic copy June 10, 2019.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Response to comments for: Comment Letter for: Final Butte Priority Soils Operable Unit (BPSOU) Buffalo Gulch and Grove Gulch Soils Characterization Sampling and Analysis Plan (SAP) Request for Change (RFC) #2 Memorandum, dated June 10, 2019. Josh Bryson – Atlantic Richfield. Electronic copy June 10, 2019 Seth Garrity – Woodard and Curran.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. Final 2019 Private Well Monitoring Program - Quality Assurance Project Plan and Cross Walk for the Butte Mine Flooding and Butte Priority Soils Operable Units. Ted Duaime – Montana Bureau of Mines and Geology (MBMG). Dated June 2019. Electronic copy June 10, 2019. Ted Duaime – MBMG.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. 30-day Extension of Butte Priority Soils Proposed Plan Public Comment Period. Comments accepted until July 11, 2019. Chris Wardell – EPA. Electronic copy June 11, 2019. Chris Wardell – EPA.

Butte Priority Soils Operable Unit (BPSOU), Silver Bow Creek/Butte Area NPL Site. EPA to ARCO Response to comments for: Comment Letter for: Final Butte Priority Soils Operable Unit Buffalo Gulch and Grove Gulch Soils Characterization Sampling and Analysis Plan Request for Change #2 Memorandum. Letter dated June 11, 2019. Nikia Greene – EPA. Electronic copy June 11, 2019.

MEDIA

Montana Public Radio

[HYPERLINK "https://www.mtpr.org/post/richest-hill-episode-03-first-and-last-warning"]

By [HYPERLINK "HTTPS://WWW.MTPR.ORG/PEOPLE/NORA-SAKS"] • APR 9, 2019
[HYPERLINK "https://www.mtpr.org/post/richest-hill-episode-03-first-and-last-warning" \o "\"\"]

In August 1917, Frank Little was the victim of a grisly murder in Butte. Little was a labor organizer who came to Butte to unify and radicalize Butte's miners in their fight against the Anaconda Mining Company

[HYPERLINK "https://www.mtpr.org/post/richest-hill-episode-04-we-gave-it-pit"]

By [HYPERLINK "HTTPS://WWW.MTPR.ORG/PEOPLE/NORA-SAKS"] • MAY 29, 2019

I live a mile away from the Berkeley Pit, the mile by mile and a half wide former open-pit mine, which is now filled with a 50 billion gallon toxic lake...

The Montana Standard

[HYPERLINK "https://mtstandard.com/lifestyles/health-med-fit/the-public-s-health-thank-you-dphhs-for-publishing-data/article_28610756-b201-513a-92d9-6fe1bfd87f4b.html"].

KAREN SULLIVAN for The Montana Standard. Apr 2, 2019.

We who work in public health and policy makers who impact our practices rely heavily on data from a variety of resources to protect and improv...

[HYPERLINK "https://mtstandard.com/news/local/the-butte-hill-consent-decree-to-be-reached-by-august/article_a64da3d6-d11e-5c9d-8146-bd675e3da07b.html"]

Susan Dunlap [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 3, 2019

By Aug. 12, the Butte Hill could have a consent decree.

[HYPERLINK "https://mtstandard.com/news/local/administrator-andrew-wheeler-signals-there-could-be-a-creek-in/article_e05ec7f7-c5ad-574f-b5f2-40d3004e05b6.html"]
[HYPERLINK "https://mtstandard.com/news/local/administrator-andrew-wheeler-signals-there-could-be-a-creek-in/article_e05ec7f7-c5ad-574f-b5f2-40d3004e05b6.html"]

Susan Dunlap [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 3, 2019

Butte might get the creek that Restore Our Creek Coalition has so long fought for, EPA's top official said before a Senate subcommittee Wednesday.

[HYPERLINK "https://mtstandard.com/news/local/they-need-to-get-somebody-here-epa-community-involvement-coordinator/article_a6756760-d485-510c-bb75-72e06d89b360.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 4, 2019

After only about two months on the job, the Environmental Protection Agency community involvement coordinator assigned to Anaconda and slated ...

[HYPERLINK "https://mtstandard.com/news/local/sandy-stash-makes-her-case-to-return-to-butte-as/article_ecc656fa-6739-5abc-a046-a2e6a6305daf.html"]

TED McDERMOTT [HYPERLINK "mailto:ted.mcdermott@mtstandard.com"]. Apr 5, 2019

Sandy Stash first came to Butte in 1989, at the age of 30, to assume a difficult job guiding Atlantic Richfield's response to finding itself ...

[HYPERLINK "https://mtstandard.com/news/local/anaconda-slag-pile-dust-more-hazardous-than-thought-report-says/article_ce7309a5-3ca1-5612-9c42-e01f10901109.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 6, 2019

The Environmental Protection Agency learned last fall that the dust in the 130 acres of slag along Montana Highway 1 to Anaconda could be more...

[HYPERLINK "https://mtstandard.com/opinion/editorial/standard-view-we-need-superfund-progress-not-cosmetics/article_85c38438-c7d5-5313-86c6-2e395d6db711.html"]

Apr 7, 2019

The resignation of the most recent EPA community involvement coordinator for Butte and Anaconda is just one personnel occurrence. But it is al...

[HYPERLINK "https://mtstandard.com/news/local/epa-reveals-changes-to-butte-hill-cleanup-teases-news-about/article_5aaa72d4-79ed-51e1-8196-b365907df5d8.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 10, 2019

During a special meeting of the Butte-Silver Bow Council of Commissioners on Wednesday evening, a U.S. Environmental Protection Agency office...

[HYPERLINK "https://mtstandard.com/news/local/atlantic-richfield-plans-to-spend-another-million-on-butte-cleanup/article_15019acd-71c7-5e7b-91b5-50e929a045d3.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 14, 2019

Atlantic Richfield Company "anticipates spending another $100 plus million on (the Butte Hill) on remediation, remedy enhancements and community...

[HYPERLINK "https://mtstandard.com/news/local/superfund-negotiators-offer-plan-to-partially-fund-future-creek/article_a20742ab-f57a-5720-800e-2923df0b0e8a.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 14, 2019

The state will set aside money from Atlantic Richfield to partially fund a man-made creek through the center of Butte as part of the restoration...

[HYPERLINK "https://mtstandard.com/news/local/deq-montana-resources-differ-on-tailings-pond-reclamation-plan/article_292a0a10-11f5-572f-ad91-028dbb630ad4.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 17, 2019

The state wants Montana Resources to shorten the length of time it will take the company to reclaim Yankee Doodle Tailings Pond, but the company...

[HYPERLINK "https://mtstandard.com/news/local/restore-our-creek-says-show-us-it-can-be-done/article_b77bbee2-8d33-56a8-84ab-2d56218f1f87.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 18, 2019

Restore Our Creek Coalition says it wants proof that a lined creek — not a “lined water feature” — is technically feasible to flow in the middle...

[HYPERLINK "https://mtstandard.com/news/local/residents-express-displeasure-with-proposed-butte-hill-cleanup-plan/article_99abb94c-21c0-5ebd-8e9f-28a5aada2c9d.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Apr 24, 2019

A crowd of about 80 people turned out Tuesday night to express mostly displeasure with proposed changes to the Butte Hill cleanup plan.

[HYPERLINK "https://mtstandard.com/opinion/columnists/guest-view-epa-not-empowered-to-demand-creek/article_591e4bc8-388d-50d6-b0a8-875eb7443e1c.html"]

JOHN W. RAY. Apr 29, 2019

The EPA has released its proposed plan for Butte Priority Soils which is open for public comment.

[HYPERLINK "https://mtstandard.com/opinion/columnists/guest-view-real-commitment-to-a-creek-is-still-lacking/article_d8083fa3-722e-57df-a6c3-6a296f485561.html"]

NORTHEY TRETHEWAY. Apr 30, 2019

Removal of the Parrot Tailings behind the Civic Center as ordered by Governor Bullock continues. But Superfund deadlines loom as we wait for a...

[HYPERLINK "https://mtstandard.com/news/local/epa-names-new-region-administrator/article_757d9501-501b-552e-94e5-5f9544e09c71.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 1, 2019

The Environmental Protection Agency named a new administrator for Region 8, which covers Montana and includes the Butte and Anaconda Superfund...

[HYPERLINK "https://mtstandard.com/news/local/u-s-solicitor-general-recommends-supreme-court-pass-on-opportunity/article_422f7d15-007d-555f-99e8-144e20e1ae3a.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 1, 2019

As nearly 100 Opportunity residents seeking a more thorough environmental cleanup await their day in court, the U.S. Solicitor General recommends....

[HYPERLINK "HTTPS://MTSTANDARD.COM/OPINION/LETTERS/"] : [HYPERLINK "https://mtstandard.com/opinion/letters/huge-decision-looms/article_347fcf1e-979e-5c4b-9d6f-0c7b9042bf0b.html"]

May 9, 2019

The Butte-Silver Bow Council of Commissioners will in the next few weeks be faced with a monumental major policy decision that will have ramifications...

[HYPERLINK "https://mtstandard.com/news/local/montana-s-congressional-delegation-rallies-for-restore-our-creek-coalition/article_ad790482-abdb-57a4-9bfa-50caa9d20217.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 9, 2019

Montana's congressional leaders have taken up the Restore Our Creek Coalition's cause of demanding a fully restored upper Silver Bow Creek from...

[HYPERLINK "HTTPS://MTSTANDARD.COM/OPINION/LETTERS/"] : [HYPERLINK "https://mtstandard.com/opinion/letters/a-better-option/article_f35fd46a-fd57-58bb-9f5c-f6defd3e6117.html"]

May 13, 2019

Ref: B-SB Council of Commissioners - Communication No. 19-203

[HYPERLINK "https://mtstandard.com/news/local/water-leaves-the-berkeley-pit-for-first-time-in-years/article_b223ceb3-822d-5fce-ae49-aa689a227ae7.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 13, 2019

For the first time since 1982, the Berkeley Pit is not collecting water.

[HYPERLINK "HTTPS://MTSTANDARD.COM/OPINION/EDITORIAL/"]:
[HYPERLINK "https://mtstandard.com/opinion/editorial/standard-view-congratulations-to-montana-resources-on-an-important-step/article_3b90d96d-e864-5330-b891-ae3b351ca331.html"]

May 19, 2019

The beginning of pumping water from the Berkeley Pit is good news for everyone.

[HYPERLINK "https://mtstandard.com/news/local/epa-tries-to-mollify-restore-our-creek-with-promise-to/article_a45beb7d-3f89-527a-be34-48be19018148.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 21, 2019

The Environmental Protection Agency said it will seek the $50,000 Restore Our Creek Coalition wants to hire an engineering firm to determine if...

[HYPERLINK "https://mtstandard.com/news/local/we-re-actually-helping-the-environment-students-clean-up-butte/article_ffdd0fbe-cac7-59be-81dd-d2b5e4cc9e00.html"]

MADDIE VINCENT [HYPERLINK "mailto:maddie.vincent@mtstandard.com"]. May 23, 2019

Roughly 400 students helped clean the banks of both Blacktail and Silver Bow creeks in Butte on Thursday morning.

[HYPERLINK "https://mtstandard.com/news/local/it-s-a-creek-former-district-judge-brad-newman-questions/article_2209bcc3-3a48-5877-a485-1245c0c72c46.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 24, 2019

Former District Judge Brad Newman raised questions Thursday about the legality of the state and county signing the consent decree to finalized...

[HYPERLINK "https://mtstandard.com/news/local/snapshots/snapshots/article_b0c228fe-0d85-5eae-af9f-f572ede18b54.html"]

Tracy Thornton. May 25, 2019

CTEC annual meeting Tuesday

[HYPERLINK "https://mtstandard.com/news/local/atlantic-richfield-proposes-new-treatment-plant-to-draw-down-water/article_87e90753-b14e-5fd1-bdd3-f553a0ef54db.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 28, 2019

The Berkeley Pit's toxic water could be reduced to late 1990s levels within the pit according to a new Atlantic Richfield Company plan, says M...

[HYPERLINK "https://mtstandard.com/news/local/commissioners-to-listen-on-butte-hill-cleanup-plan/article_3d3d9ccc-6df3-504c-918f-799e7bff8e8f.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. May 29, 2019

The council of commissioners is holding a special "listening session" Thursday to hear county staff give details on the Environmental Protection...

[HYPERLINK "https://mtstandard.com/opinion/columnists/guest-view-upper-silver-bow-creek-cannot-be-restored/article_138a148a-be2a-5506-a97f-c211b7e2119b.html"]

JOE GRIFFIN. May 29, 2019

How do you restore a creek that until recently was considered dead, devoid of life?

[HYPERLINK "https://mtstandard.com/news/local/questions-remain-tempers-flare-as-the-clock-ticks-on-the/article_1e439181-7b24-5428-8b84-ebec2017698c.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Jun 2, 2019

As time grows short in Superfund negotiations for the Butte Hill, public debate over what the area from Texas Avenue to the confluence at George...

[HYPERLINK "https://mtstandard.com/opinion/columnists/guest-view-waiting-for-godot-by-the-creek/article_aef91fe4-a676-5c63-a281-03b319a1a7f3.html"]

BILL MACGREGOR. Jun 3, 2019

Years ago, when my Montana Tech students periodically worked on projects with Butte Archives Director Ellen Crain, I often learned juicy bits ...

[HYPERLINK "https://mtstandard.com/news/local/epa-asked-to-reconsider-action-level-for-lead-in-butte/article_78803325-edcc-5cb1-932f-fbec250ef95e.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. June 5, 2019

Some are asking the Environmental Protection Agency to reconsider the level of lead allowed in the Butte Hill cleanup, or at least take a second...

[HYPERLINK "https://mtstandard.com/news/local/county-approves-changes-to-epa-cleanup-plan/article_c65b412c-73bb-59df-8d23-53e965fc2c42.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Jun 6, 2019

Butte-Silver Bow commissioners have given a key first endorsement to the Environmental Protection Agency's plan to clean up the Butte Hill.

[HYPERLINK "https://mtstandard.com/opinion/editorial/standard-view-change-is-on-the-way-but-will-the/article_678c3770-e174-5c0c-9a6e-8d574bd3c901.html"]

Jun 9, 2019

Across the Mining City — in the profoundly polluted alluvium deep beneath the still-not-relocated county shops, in unremediated Uptown Butte h...

[HYPERLINK "https://mtstandard.com/news/local/costs-rise-construction-slows-on-parrot-tailings-removal-project/article_67f85951-b683-5e1f-b3c3-45ab2796154b.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. June 9, 2019

A project to remove highly contaminated smelter waste and groundwater from the former Parrot smelter site located behind the Butte Civic Center...

[HYPERLINK "https://mtstandard.com/news/local/u-s-supreme-court-will-hear-opportunity-lawsuit/article_ced9dc27-4b21-5245-a215-f8068c8f1c6c.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Jun 10, 2019

The lawsuit against Atlantic Richfield filed by residents of Opportunity and Crackerville will be heard by the U.S. Supreme Court.

[HYPERLINK "https://mtstandard.com/news/local/new-epa-region-administrator-greg-sopkin-welcomed-to-butte/article_cebef2b6-7057-5ce2-aeb7-cdd462d4b99a.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Jun 11, 2019

Greg Sopkin, the new Environmental Protection Agency Region 8 administrator, made his first visit to Butte and Anaconda Tuesday.

[HYPERLINK "https://mtstandard.com/news/local/butte-to-get-more-time-to-tell-epa-what-it/article_9a961662-0aa2-55b9-ae53-a9ff6e4c768b.html"]

SUSAN DUNLAP [HYPERLINK "mailto:susan.dunlap@mtstandard.com"]. Jun 12, 2019

Butte residents will have more time to comment on the Environmental Protection Agency's proposed changes to its cleanup plan.

[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/4/24/superfund-101-mark-mariano-and-crested-wheatgrass"]

[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/4/24/superfund-101-mark-mariano-and-crested-wheatgrass"]

Crested wheatgrass is the anti-hero of restoration on the Butte Hill, some sing it's praises as a tenacious reclamation grass that does what is needed to stall erosion. Others, like Mark Mariano, warn...

[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/4/24/superfund-101-community-tree-planting-at-the-lexington-mine-yard-happening-saturday-april-27th"]
[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/4/24/superfund-101-community-tree-planting-at-the-lexington-mine-yard-happening-saturday-april-27th"]

Butte Silver Bow is hosting a community tree planting Saturday, April 27th at the Lexington Mine Yard....

[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/5/22/superfund-101-stella-capoccia-and-the-berkeley-pit-waterfowl-mitigation-advisory-council"]
[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/5/22/superfund-101-stella-capoccia-and-the-berkeley-pit-waterfowl-mitigation-advisory-council"]

Montana Tech biology professor Stella Capoccia shares her passion for nature and environmental policy in this episode of Superfund 101. Dr. Capoccia was integral in the transition from the initial bird mitigation plan at the Berkeley Pit, to the more comprehensive plan in place now.

[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/5/28/superfund-101-proposed-plan-for-butte-priority-soils"]
[HYPERLINK "http://www.butteamericaradio.org/superfund101/2019/5/28/superfund-101-proposed-plan-for-butte-priority-soils"]

Julia Crain and Eric Hassler join Daniel Hogan in the KBMF office to lay out the basic changes proposed for the Butte Hill. Changes to the Residential Metals Abatement Program and the Butte Reclamation Evaluation System will expand those efforts, but the TI waiver for Silver Bow Creek has been met with push back from some community members. Public comment on the plan ends June 11th, information on how to submit a comment can be found within.