TAG QUARTERLY PROGRESS REPORT

Date:	February 14, 2017
Report Number:	99
Report Period:	October 2016 – December 2016
Site:	**Montana Pole and Treatment Plant**
Grant Recipient:	Citizens Technical Environmental Committee (CTEC)
Technical Advisors:	KirK Engineering & Natural Resources, Inc.

PROGRESS ACHIEVED

! Worked with Jeni Flatow (MDEQ) and David Bowers (MDEQ) to discuss the Mt Pole 5-yr review report.

! Provided input to Jeni Flatow (MDEQ) and David Bowers (MDEQ) MDEQ on the 5-Year Review factsheet.

! Worked with Jeni Flatow (MDEQ) and David Bowers (MDEQ) to discuss the Mt Pole Community Involvement Plan.

! Sponsored two meetings open to the public.

! Finalized updates to the Policies and Procedures manual and submitted to Maurice Ballard, Training and Compliance Division Office of Grants and Debarment, Environmental Protection Agency.

! Awarded Technical Assistance Grant Amendment "R". The Butte Area/Silver Bow Creek received $50,000 and the Montana Pole Treating site received $25,000.

! Worked with the Restore Our Creek Coalition Silver Bow Creek Headwater Park Plan Presentation with input on Superfund part of discussions. EPA's Shaun McGrath present. November 3, 2016

! Participated in the KBMF 102.5 FM Butte Radio Superfund Episode.

! Participated in the Clark Fork Watershed High school Superfund educational tour.

! Provided assistance to 30 members of the public at CTEC office. Most concerns involved the Berkeley Pit water level and the 3,000 Snow Geese deaths in November 2016.

<u>CTEC Board of Directors Meeting (all board meetings are open to the public)</u>

! Meeting – November 3, 2016 with Technical Advisor Griffin

! Meeting – November 29, 2016 with Technical Advisor Kirk/Ackerlund. CTEC Action Items.

<u>Public Meetings Hosted by CTEC</u>

! CTEC Open House with EPA for public questions on the Silver Bow Creek Butte Area 5-yr review. Oct 5, 2016

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

- Butte/SBC - EPA 5-Year Review Public Meetings October 5 and October 13, 2016
- Butte Natural Resource Damage Restoration Council – October 6, 2016
- Butte Natural Resource Damage Restoration Council – 2016 Small Restoration Projects submittal form and Workshops October 19 and 27, 2016
- Restore Our Creek meetings - weekly.
- Restore Our Creek Coalition Silver Bow Creek Headwater Park Plan Presentation with input on Superfund part of discussions. November 3, 2016
- BPSOU Unilateral Administrative Order Meetings.
- The Clark Fork Watershed Program High School Superfund Education Tour. October 19, 2016.
- Mt Tech of the University of Montana Remediation/Restoration Seminar Series.
- Imagine Butte Resource Center Superfund visualization projects and presentations.
- Butte-Silver Bow-Butte Superfund Advisory Redevelopment Trust Committee Meetings (SARTA)
- KBMF 102.5 Butte Radio – Superfund Episode – Carol Murphy Oct 4 2016.
- Citizens for Labor and Environmental Justice. (CLEJ).
- Butte Uptown Merchants meetings.

Documents Reviewed and/or comments provided:

- Documents are reviewed at varying levels by CTEC members or advisors when they are received.
- CTEC technical advisor continued to review Surface Water Characterization Report.
- CTEC technical advisor reviewed EPA 5-Year Review Report for the Silver Bow Creek Butte Area.

DIFFICULTIES ENCOUNTERED:

- 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:

- Finalized updates to CTEC Policies and Procedures.
- CTEC Action Items Summary Nov 29 2016.
- Summary of all reports received by the CTEC office from 2010 through Dec 31, 2016.
- Summary of media on Butte Superfund remediation/restoration. Oct - Dec 2016.

ACTIVITIES ANTICIPATED IN NEXT QUARTER:

- Focus on the Mt Pole 5-Year Review.
- Provide support to Dave Bowers and Jeni Flatow, MDEQ Project and communications Officers for Mt Pole superfund site.
- Focus on future use of the Mt Pole site.
- Gain Feedback from the community on Superfund concerns.
- 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 Area Superfund sites.
- Provide support to EPA Remedial Project Managers for Butte Area Superfund sites.
- Work on strategic plan (a working document).
- Work on Scope of Work plan (a working document).
- Focus on storm water issues and outreach.
- Focus on surface water issues and outreach.
- Focus on ground water issues and outreach.
- Focus on the 5-year review for the Butte Area
- Focus on phase II of the Butte health study.
- Continue working on identifying priorities.
- Provide public outreach for the Residential Soils Program.
- Provide support to neighborhood groups.
- Provide support to the Butte Natural Resource Damage Council.
- Provide support to B-SB Superfund Advisory Board - Redevelopment Trust Fund.
- Provide support to Clark Fork Watershed Education Program.
- Provide support to Butte Citizens for Labor and Environmental Justice.
- Provide support to Pit Watch.
- Provide support to the Science Mine.
- Provide support to Project Green.
- Provide support to the Restore Our Creek Coalition.
- Provide support to the Imagine Butte Resource Center.
- Provide support to the MT Tech Remediation/Restoration Seminar Series.
- Provide support to the Native Plant Program at Mt Tech.
- Provide support to the Butte Radio KBMF 102.5.

DOCUMENTS RECEIVED THIS PERIOD at the CTEC OFFICE

October - December 2016

- Unilateral Administrative Order Monthly Report of Activities – **Atlantic Richfield Co**
  - September 2016 (hard & electronic)
  - October 2016 (hard & electronic)
  - November 2016 (hard & electronic)

! Unilateral Administrative Order Monthly Report of Activities - **Butte-Silver Bow**
September 2016 (electronic)
October 2016 (electronic)
November 2016 (electronic)

! Unilateral Administrative Order Monthly Report of Activities – **BNSF/UP**
October 2016 (electronic)

! Butte Mine Flooding Operable Unit Monthly Reports: Montana Bureau of Mines and Geology
September 2016 (hard)
October 2016 (hard)
November 2016 (hard)

! Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Final Fourth-Five-Year Review Report Environmental Protection Agency EPA ID# MTD980502777. Report Dated January 2016. Signature by Martin Hestmark, Assistance Regional Administrator, EPA, August 30, 2016. Hard copy with electronic version on EPA website. https://epa.gov/superfund/silver-bow-butte.pdf. Hard copy and Electronic.

! Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Final Fourth-Five-Year Review Report PUBLIC MEETING NOTICE – October 17, 2016 – Mining City Center. Environmental Protection Agency. Notice in Newspaper.

! Montana Tech Restoration Seminar. Restoration and Community Involvement – Robert Moler - EPA. Montana Tech of the University of Montana. October 19, 2016. Electronic

! Butte Natural Resource Damage Restoration Council – 2016 Small Restoration Projects submittal form. Deadline Nov 15. Workshops October 19 and 27, 2016. Electronic

! KBMF 102.5 Butte Radio link – Superfund Episode - Superfund and our future in Butte. Carol Murphy. October 4, 2016. Livestream Link http://96.47.236.76:8001/live

! EPA – Silver Bow Creek Butte Area Superfund Site Cleanup Questions and Answers Flyer. October 2016. Hard copy and Electronic

! Missoulian Editorial – Why We Should Care What Happens in Butte. October 2016. Electronic

! Interview Mt Public Radio. David McCumber's.. http://mtpr.org/post/frustrated-butte-residents-push-epa-more-input-better-cleanup. October 21, 2016. Link

- Missoulian Article – The Press, The People, The Powerful (the Superfund Cleanup in Butte). George Ochenski. October 2016. Electronic

- Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Final Third Cycle Best Management Practices (BMP) Continental Roadside Channel Construction (CCR). Atlantic Richfield Company. October 26, 2016. Hard copy and DVD.

- EPA – Fourth 5-Year Review Summary Flyer Silver Bow Creek Butte Area Superfund Site. November 2016. Hard copy and Electronic

- Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Draft Final Revised Bonanza Site Sampling Work Plan. Atlantic Richfield Company. November 8, 2016. Hard copy and DVD.

- Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Final Bonanza Site Sampling Work Plan. Final Approved with No Changes. Atlantic Richfield Company to EPA November 15, 2016 and EPA to Atlantic Richfield November 29, 2016. Letter and new cover sheet only.

- Silver Bow Creek/Butte Area NPL Site. Butte Mine Flooding Operable Unit. Montana Resources BMFOU CD CV 02-35 BU-RFC Third Quarter Report to EPA/MDEQ November 15, 2016. Electronic.

- Solvay USA, former Rhodia phosphorus plant, located 7 miles west of Butte. Semi-Annual Community Update. November 2016. Hard copy.

- Worth the Wait. The Cleanup of one of the Nation's Largest Superfund Sites. Montana's Upper Clark Fork River Basin. Dick Maney and BJ McKenzie. Butte Films.com. December 2016. DVD Only.

- Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Draft Final okayed with no comments to Final. 2008, 2009, 2010, 2011 and 2012 Final Surface Water Data Summary Reports. Draft report dated September 7, 2016 okayed with no comments to final December 2016. Atlantic Richfield Company. December 7, 2016. Letter only and cover sheets.

- Silver Bow Creek/Butte Area NPL Site. Butte Priority Soils Operable Unit. Draft Final Quarterly Operations Maintenance Report -Butte Treatment Lagoon System (BTL) Third Quarter 2016. Atlantic Richfield Company. December 7, 2016. Hard copy and DVD.