1238746 - R8 SDMS

Silver Bow Creek / Butte Area

Summer Summary 2011

Bulletin #15 **September 21, 2011**

KEY DEVELOPMENTS SUMMER 2011

Issuance of a Five-Year Review Report

Issuance of a Unilateral Administrative Order

Issuance of a Explanation of Significant Difference

Documents can be viewed in Butte at:

EPA- Butte Office
400 North Main Street
Mon. - Fri., 9 am - 4 pm

CTEC - Citizens' Technical Environmental Committee
27 West Park Street
Mon. - Thu., 10 am - 3 pm

Montana Tech Library
1300 West Park Street
Mon.-Fri., 7:30 am- 4 pm

Or online at:

http://www.epa.gov/region8/superfund/mt/sbcbutte/index.html

RMAP (Residential Metals Abatement Program)

The RMAP is a tool designed to sample and cleanup residential properties in the Butte Priority Soils Operable Unit (BPSOU). RMAP is unique to the Superfund process because it not only addresses mining contamination but also addresses non-mining contamination such as lead based paint. Modifications related to the RMAP can be viewed in Section 3 of the Explanation of Significant Differences located online. The significant differences have to be documented but do not fundamentally alter the overall approach of the remedy. The RMAP, including the expanded lead cleanup, will continue to be implemented as described in the Final Multi-Pathway Residential Metals Abatement Program Plan (April 2010).

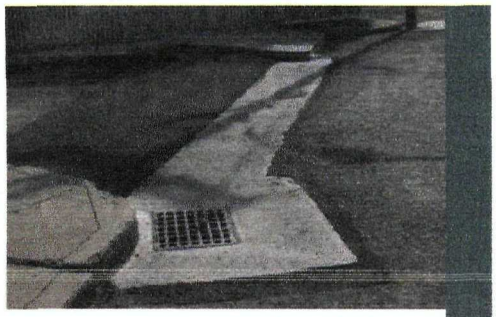
BTL (Butte Treatment Lagoons)

The BTL is a two part treatment process that involves, 1). adding lime to contaminated water so metals drop out, and 2). filtering the water through a series of wetlands to meet State water quality standards. Upgrades to the BTL are currently taking place. A concentrated effort has been placed on the dewatering of the lowest lagoon (**Cell D-4**).

West Camp Pump Station

West Camp Pump Station collects contaminated groundwater and pumps the water to the BTL. Upgrades are being conducted to enhance the pumping system and are scheduled to be completed by the end of November 2011.

Curb and Gutter Construction



Curb and gutter construction is a plan to reduce sediment loading by directing storm water flows. Curb and gutter construction targets the areas that have the highest direct benefit to Silver Bow Creek. Currently, curb and gutter is being installed throughout the Butte Hill and will continue to be an open plan to control storm water, contingent upon existing and new data.

BRES (Butte Reclamation Evaluation System)

The BRES is a tool that provides a practical way to evaluate the stability, integrity, and continued protectiveness of completed cleanup projects such as caps. The BRES is implemented by Butte Silver Bow County. Corrective measures on BRES sites started on August 15, 2011. Approximately ten BRES sites per week are prepared for re-seeding in an effort to have one-hundred sites ready before Oct. 15 (opportune time for seeding).

Upcoming

Consent Decree (CD) Negotiations

EPA understands that the aspects of the cleanup as it relates to surface water and groundwater are important to the Butte community. EPA continues to work with responsible parties and the State of Montana Department of Environmental Quality in designing and implementing the 2006 Record of Decision. Discussion continues towards achieving final agreements on the development of schedules and processes for the cleanup of Butte Priority Soils Operable Unit. Recently, a Unilateral Administrative Order (UAO) was issued as an interim step, and EPA believes this will help in completing the CD. The UAO can be viewed online at **http://www.epa.gov/region 8/superfund/mt/sbcbutte/index.html**

West Side Soils Operable Unit (WSSOU)

Located North and West of Butte are several contaminated waste piles. WSSOU is the last area at the Butte site that will undergo the Superfund process. EPA plans to begin a remedial investigation and feasibility study, starting this winter.

Do you Need More Information?

- **U.S. Environmental Protection Agency:** Sara Sparks, Remedial Project Manager, 406-782-7415 or Nikia Greene, Community Involvement Coordinator, 406-457-5019
- **Montana Department of Environmental Quality:** Joe Griffin, Project Officer, 406-560-6060
- **Citizens Technical Environmental Committee:** Janice Hogan, TAG Administrator, 406-723-6247