



October 2022 Superfund Update

Activities in the last month

Sitewide Groundwater Model

Atlantic Richfield’s contractor Stantec continues working on the sitewide groundwater model. The model will help to design the new groundwater capture required by the Consent Decree (CD) and to understand how new capture systems will affect movement of contaminated groundwater and functioning of the existing groundwater capture such as the subdrain. Stantec presented several preliminary ideas for groundwater capture that could be tested using the model including infiltration trenches near the Visitor Center and KOA (pink lines in the first two images below) and capture wells (third image below).

Images showing preliminary conceptual plans for either interception trenches or capture wells near Blacktail Creek



Stantec has continued to involve CTEC in developing the model. In September CTEC issued comments on plans for the Sitewide Groundwater Model. Nikia Greene at EPA asked that CTEC send future comments during model development informally by email until there is an official design submittal. Emailed comments are an opportunity for CTEC to propose ideas and recommendations at an early stage of model design, outside of the official Consent Decree comment process. CTEC can continue to send “official” comments on Consent Decree submittals to EPA and DEQ when those are released at the four official design review stages - 30%, 60%, 95%, and 100% designs.

RMAP

Soil sampling for metals was completed this summer at 36 park & playground areas. Atlantic Richfield will be discussing the findings during the next EPA virtual meeting planned for Monday October 24th.

Project construction backfill sampling

Atlantic Richfield has scheduled a design meeting next week to clarify plans for metal sampling of soils that are backfilled or reused at the project sites. Both CTEC and EPA have commented on Atlantic Richfield’s sampling proposals, and we will update CTEC when we know the outcome of next week’s meeting.

Upcoming Activity Schedule

The following upcoming Superfund design and remedy activities are planned.

October 21: The Grove Gulch Sedimentation Bay project 95% Design is planned for release. CTEC will continue to review and comment on that design.

October: Remedial construction is scheduled to take place at the Insufficiently Reclaimed Colorado Dump – West Lot located on East Mercury Street. Construction will include capping and installing stormwater controls. Stormwater will be directed to the existing BSB stormwater system, which drains to the Berkely Pit via the Belmont Diversion.

November: Buffalo Gulch Storm Basin project 60% Design. CTEC will continue to review and comment on that design.