

Weekly Update

Milltown Reservoir Sediments Superfund Site

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<http://www.epa.gov/region8/superfund/sites/mt/milltowncfr/home.html>

<http://www.cfrtac.org>

These weekly updates are intended to provide you with the latest information about remediation, restoration and redevelopment activities at the Milltown Reservoir.

Status: The Milltown Reservoir cleanup project is going very well and is on schedule for dam removal in spring 2008. Project workers have now logged nearly 49,000 hours without time lost to injury.

Work Completed:

- Air samples were collected last week; results will be reported in next week's update.
- Blackfoot River and Clark Fork River berms are both complete. Construction began in February and took less than 4 months to complete. Material used for the CFR berm: 12,000 yd³ of rip rap and 38,600 yd³ of compacted fill; BFR berm: 9,100 yd³ of rip rap and 5,600 yd³ of compacted fill.
- Excavation of the sediment pond is complete. The pond berms and head gate will be installed after the river flows drop. The sedimentation pond will handle storm water from the project area and allow sediments to settle out before the water is discharged into the Clark Fork River, thereby reducing turbidity levels.
- Finished hydro-seeding the bare slopes behind the new office trailers, the BDG property and the growth media stockpiles.
- Completed testing of the power house penstocks to see how much water can be safely passed; results will be reported when they become available. Safely passing this additional amount of water through the penstocks will help control the reservoir level, keeping it low enough for site work while helping to minimize sediment scouring.

- Construction of the bypass channel began last week and will take about 5 months to complete. This is a major milestone in the cleanup. Workers will remove 600,000 yd³ of sediments,

averaging 4,000 cubic yards per day. To control erosion, the sides of the channel will be lined with "reno mattresses" (wire bound rocks in the shape of a mattress). The bottom of the channel will be rough enough to provide the "loafing" areas necessary for fish passage. The bypass channel is a critical element in minimizing downstream impacts of the project on fish and other aquatic life, as well as on downstream users.



Bypass Channel Excavation Begins



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10 W.15th St., Ste.3200
Helena, Montana 59626
1-800-457-2690

Upcoming Meetings

- **Tuesday, June 5**
Design Review Team Site Tour at 11 am
- **Tuesday, June 12**
Community Health and Safety meeting, 10 am
Piltzville Rural Fire Station
- **Tuesday, June 26**
Milltown Redevelopment Working Group meeting 6:30–9 pm at
Our Savior's Lutheran Church in Bonner

Current work

- Excavation of "landfill" near I-90 continues; metals and other materials will be recycled, non-recyclable debris will be hauled to the Missoula landfill for disposal.
- Construction of the loading pad and rail road spur continues. Workers are now preparing the sub-grade. Construction will be complete by the end of May on this portion. Construction of the rail spur that will extend the Old Milwaukee rail road tracks from the Bonner School down to the site is planned for later this summer.
- USACE continues to work on the I-90 cross-over lanes and one lane is currently closed in each direction to safely allow this work. Construction of the cross-over lanes should be completed the week of June 8th. At that point, both bridges will be alternately closed down for 3-4 weeks for the underpinning work on the I-90 bridge abutments.
- Three of the four inclinometers between I-90 and the bypass channel have been installed. The inclinometers are sensitive enough to detect even millimeters of potential movement.
 - Three of the 43 bypass channel dewatering wells have been installed; Work continues on the remaining wells, piezometers and piping system. The dewatering wells aid in the excavation of the bypass channel.

PROJECT SCHEDULE

- | | |
|-------------|---|
| 2007 | Build haul roads
Build flood berms
I-90 bridge mitigation
MRL bridge mitigation
Build bypass channel
Build pedestrian trail
Construct rail lines
Rail hauling sediment
Stage 2 drawdown
Build coffer dam
Spillway removal |
| 2008 | Spillway removal
Sediment removal
Replace Hwy 200 bridge
Dam removal
Powerhouse removal
Restoration
Redevelopment |
| 2009 | Restoration
Redevelopment |
| 2010 | Restoration
Redevelopment |
| 2011 | Restoration
Redevelopment |



Completed Blackfoot River Flood Berm



Bonner Pedestrian Bridge

Last week, the Governor approved a grant of nearly \$1 million from the Montana Natural Resource Damages Program for upgrades to the Bonner Pedestrian Bridge.

Congratulations!



Rail Loading Pad Construction Along the Clark Fork River