

Weekly Update

Milltown Reservoir Sediments Superfund Site

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[http://www.epa.gov/
region8/superfund/sites/
mt/milltown](http://www.epa.gov/region8/superfund/sites/mt/milltown)

<http://www.cfrtac.org>

Status: The Milltown Reservoir cleanup project is going well and is still on schedule for powerhouse removal between December 2007 and April 2008.

To date, project personnel have worked **69,795 hours** without any time lost to injury.

Currently:

- Excavation of the **bypass channel** is **nearly complete**. Last week, workers removed 22,500 cubic yards (yd³), bringing the total volume removed to 520,000 yd³. The only excavation remaining are the land bridges and sediments near the inlet and outlet structures of the bypass channel. Excavated soil continues to be stockpiled on-site until it is sent by rail to the repository in October.
- Continue to work on the **Bypass Channel Berm**, mixing native alluvium (rockier soils) with original topsoils. The berm is built using clean materials which will not re-contaminate the area.
- Workers are busy lining the bypass channel with "**reno mattresses**," constructing about 1000 cubic yards of reno mattresses each day and can lay about 3000 square yards of geo-fabric in a day. Installation should be done by the end of November.
- **Trucks are hauling rock** to fill wire cages that workers tie together to form the "reno mattresses" for the bypass channel. The number of trucks may vary from day to day but there should be between 10-18 truckloads per day (I-90 and Rustic Road).
- Work on the **rail road bridge** over the bypass channel continues. The decking has been installed and is ready for Montana Rail Link (MRL) to lay the track. Once the track is laid, workers will add planks for vehicle traffic (including haul trucks) and a walkway for pedestrians. Construction is now essentially complete; the remaining components should be done by the end of September.
- MRL continues building the **rail spur**. Workers have finished laying track behind the Bonner School and are working their way towards the Site. By Monday of next week, MRL should complete installation of the track to the railroad bridge and along the CFR flood berm.
- **Twenty one dewatering wells** are producing 3265 gallons per minute (gpm), of which, 2590 gpm are discharged into the Clark Fork River and 675 gpm are discharged to the Blackfoot River via the **Sedimentation Pond**. Discharged water continues to be clear and with low concentrations of iron and arsenic. Weekly sampling continues on the inflow and outflow water quality.
- US Army Corps of Engineers (USACE) and its contractors continue installing **sheet piling** around the **I-90 bridge center** piers. The project is a little behind schedule, due in part to the dozen truckloads of debris that had to first be removed from under the bridges. I-90 bridge mitigation should all be complete in November 2007.
- USACE is also completing **jet-grouting** on the east side of the Blackfoot River by October 1 and will finish jet-grouting the west side later in October 2007.
- Missoula County is putting the final touches on the pedestrian trail along Highway 210 E from the Piltzville Fire Station to the Bonner School.



Milltown Reservoir Community Office

(315 Anaconda St., Milltown, MT)

Office hours:

Tuesdays 12:30-3:30 pm
EPA and DEQ staff are available.
Stop by to talk
or just say hi!

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



Montana Rail Link (MRL) workers laying track leading to the Milltown Project Area, 9/18/07



Newly constructed railroad bridge on site; ready for MRL workers to lay track, 9/18/07



US EPA Montana Office
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Upcoming Meetings

- **Sept. 20-21**
Design Workshop
- **Friday, Sept. 21**
11:30-1 pm and 7-9 pm at **St. Ann's Church in Bonner**
Public viewing/comment on designs for a possible Milltown Reservoir park/recreational area.
- **Tuesday, Sept. 25**
Milltown Reservoir Re-development Group monthly meeting, 6:30-9:00 pm at Our Savior's Lutheran Church
- **Tuesday, October 1**
Design Review Team site tour
- **Tuesday, October 9**
Milltown Community Health and Safety meeting, 10 am at the Piltzville Fire Station
- **Tuesday, October 23**
Milltown Reservoir Redevelopment Group monthly mtg., 6:30-9:00 pm at Our Savior's Lutheran Church

Local Well Inventory

EPA is implementing a pro-active program to identify and replace wells at risk of going dry because of the reservoir draw downs.

Over the next several weeks, Tony Berthelote will be contacting residents in the West Riverside, Pine Grove, and Piltzville areas.

If you live in one of these areas and are concerned about your well, please give Tony a call:
(406) 207-5856 (cell)

Upcoming work:

- Continue bypass channel excavation
- Continue bypass channel berm construction
- Continue reno mattress installation
- Finish rail line construction
- USACE continues I-90 bridge stabilization work
- Continue hauling rock for the "reno mattresses" to line the bypass channel; this will continue through October.
- Over the next several weeks, equipment and other items will be removed from the Powerhouse. Deconstruction should begin November 1.
- In early October, begin rail hauling sediments (one 45 car train/day) to the BP/ARCo repository at the Anaconda Smelter Superfund Site.

Worker attaching wire cages for reno mattresses



Wire cages filled with rock to form base of the reno mattress; a wire cover is then added to complete the mattress and line the Clark Fork River 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 Powerhouse removal
2008	Spillway removal Sediment removal Replace Hwy 200 bridge Replace walking bridge Restoration Redevelopment
2009	Sediment removal
2009	Restoration Redevelopment
2010	Restoration Redevelopment
2011	Restoration Redevelopment



Envirocon conducted air sampling last week; results will be available next week.



Installation of "reno mattresses" in the bypass channel, 9/18/07