

## Weekly Update

# Milltown Reservoir Sediments Superfund Site

Issue #24

July 18, 2007

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Websites:  
[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 — on schedule for dam removal in spring 2008. Project personnel have now logged 54,096 hours without time lost to injury.

### Currently:

- **Excavation of the bypass channel continues.** Last week work crews removed 30,000 yd<sup>3</sup> of sediments from the bypass channel. The total volume removed to date is 269,000 yd<sup>3</sup>. Excavation continues in two locations, working towards the center of the site. When complete, the bypass channel will be 4100 feet long, 200 feet wide at the top and 100 feet wide at the base. Continue to stockpile sediments on site. The bypass channel should be complete in September 2007.
- **Work on the Bypass channel berm continues.**
- **Begin staking in preparation for work on the rail spur** from behind the Bonner School onto the project site. Once the area is staked out, work on the rail spur sub-grade can begin. Railroad grade construction should take about 1 week to complete. Due to this work, access to the project area will now be the Rustic Road (upper) entrance. The entrance will be gated and posted.
- **Begin preparing the site for construction of the railroad bridge over the bypass channel.**
- **Dewatering of the sediments continues to going well.** Envirocon is currently pumping from 19 dewatering wells on-site, down from 22 active wells last week and 29 the week before (some on-site wells dried up and have been shut down). The wells produce approximately 3420 gallons per minute (gpm). Continue to monitor the water level in the sediments using piezometers. Most of the pumped water continues to come from the upstream wells. Current discharges are 3400 gpm to the Clark Fork River and 770 gpm to the Blackfoot River. The discharges are monitored for arsenic, copper, manganese, and iron.
- **Sedimentation pond will be finished this week.** The headgate and discharge pipes from the sedimentation pond to the river have been installed. Now completing the concrete work on the outlet. The sedimentation pond will collect storm water from the site and temporarily hold it, allowing any suspended solids to settle out before the water is discharged.
- US Army Corps of Engineers will begin **removing logs and timber crib piers in the Blackfoot River** upstream from the Stimson Lumber Mill this week.
- USACE is finishing up the **outer slurry wall I-90 bridge mitigation**. This will aid in keeping the grout injected at high pressure from entering the river. A floating walking bridge has been installed across the Blackfoot River for the slurry wall work; it will also be use to carry the jet-grout hose across the river and allow pedestrian access.
- US Army Corps of Engineers and bridge engineers are designing an articulating wall that will allow the high pressure **jet-grouting work** to continue.

### 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.

### SAFETY REMINDER

**DURING CONSTRUCTION, THE CLARK FORK AND BLACKFOOT RIVERS ARE CLOSED TO RIVER RECREATION ABOVE AND BELOW THE MILLTOWN DAM AND RESERVOIR AREA.**

Clark Fork River users must exit at the Turah fishing access; Blackfoot River users must exit at the Weigh Station access point. VIOLATORS WILL BE FINED.

For more information, please call MT FWP at (406) 542-5500.



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

# Upcoming Meetings

- **Tuesday, July 24**  
Community Health and Safety Committee mtg. 10 am; Piltzville Fire Station.
- **Tuesday, July 24**  
Milltown-Bonner Community Council Site Tour; 11am
- **Tuesday, July 24**  
Milltown Reservoir Redevelopment Working Group meeting at the Bonner Lutheran Church; 6:30-9:00 pm.
- **Saturday, July 28**  
2007 Blackfoot River Cleanup Day! Everyone is welcome. Meet at 8 am at Rainbow Bend Drive. For more info., contact George (244-4622) or Marietta (244-5442).
- **Wednesday, August 1**  
Milltown Cleanup Project open house (5:30-6:30 pm) and public meeting (6:30-8:30 pm) in the Bonner School Gym. Learn about the cleanup, well monitoring, Trustee's restoration plan, and more!

## Upcoming work:

- Continue bypass channel excavation
- Continue bypass channel berm construction
- Finish sedimentation pond this week
- Continue rail spur construction from the main rail line to the BP/ARCo repository
- Continue pedestrian trail construction along Highway 210 E from Fire Station to School
- Begin building the railroad bridge next week
- Work on the abutment underpinning is expected to resume next week.



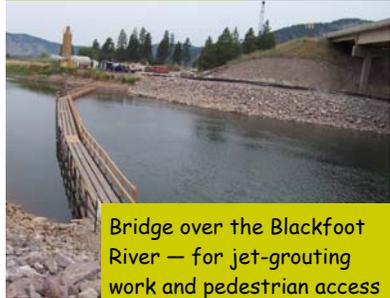
Bypass Channel Excavation



Compacting the base of the bypass channel



Low flows on the Clark Fork expose large logs



Bridge over the Blackfoot River — for jet-grouting work and pedestrian access



Logs and stumps dug out of bottom of the bypass channel. Note the size of this conifer!



## 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



Overview of the Project Area : July 17, 2007