

## Cleanup Update

# Milltown Reservoir Sediments Superfund Site

Issue #81

May 27, 2009

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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 Project continues to go very well and is on schedule. Project personnel have worked 275,447 hours without time lost to injury.

### REMEDIATION

- **As of Sunday, 2,488,947 tons (~ 1,914,575 cubic yards) of sediment have been excavated, loaded and hauled off-site.** This portion of the project is **87% complete.** This week, the project should hit the **2.5 million tons removed milestone.** Removal, loading, and hauling of the contaminated sediments should be complete by September 2009.
- **Contaminated sediment excavation continues** from the rail loading pad. (photo below taken by Kris Cook, Envirocon, 5/26/09).



- **Continue pumping from the 13 wells** along the diversion dike at the upstream end of the Bypass Channel to keep the area drier during excavation of the new Clark Fork River channel.
- **River Flows are high.** The Clark Fork River flow peaked Tuesday at 17,432 cfs, approximating a 4-year flow (one expected once every 4 years). According to NWS, the next peak is anticipated for Sunday at 18,000 cfs below the confluence. FYI, the Bypass channel is designed for a 100-year event and the on-site flood berm for a 35-year event.
- **Scouring from SAA-IV has been significantly less than last year** because of the 87,7567 cubic yards (105,000 tons) of sediment removed by EPA-State. These sediments were removed to prevent them from scouring downstream during spring high flows, reducing potential impacts on the downstream river ecosystem.

To view on-going activities, please visit:  
<http://www.clarkfork.org/>  
and click on the webcam.



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

### RESTORATION

- Continue excavating Sediment Accumulation Area II (sub-area L) to prepare for the **new Clark Fork River channel** and re-graded floodplain. Material from this area is being stockpiled along the Bypass Channel and will be used later in the Bypass Channel reclamation scheduled for 2011.
- **Continuing excavation of the buried A-horizon soils** from the bottom of the cells. Workers are stockpiling these soils for later use in river restoration.
- **Volunteer vegetation has sprouted** in excavated cells in pre-reservoir soils. These seeds *may* have been lying dormant under the reservoir sediments for over a century. **Wow!**

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## Upcoming Events

- **Monday, June 8**  
**Milltown Bonner Community Council Meeting** 7 pm in the Bonner School Library. New Council members Chuck Erickson and Bob Starr will be sworn-in.
- **Tuesday, June 9**  
**Design Review Team Briefing and Tour**
- **Monday, July 13**  
**Milltown Bonner Community Council meeting** 7 pm in the Bonner School Library
- **Tuesday, July 28**  
**Milltown Redevelopment Working Group** regular bimonthly meeting from 6:30-8:30 pm at Our Savior's Lutheran Church in Bonner. Come join us!
- **August 11-13**  
**Children's Environmental Health Summit: Greening our Schools and Daycares**  
Sponsored by the Montana Children's Environmental Health Network, EPA and DEQ. Location: Holiday Inn-Parkside in Missoula. Evening events on 8/11 and 8/12 are free; Registration for the Summit, 8/12-8/13 is required. Contact Diana Hammer for more information, 457-5040.

### Upcoming work:

- Continue sediment excavation, hauling, and disposal of contaminated sediments
- Envirocon, USGS, and Missoula County
- continue surface and groundwater monitoring of Clark Fork River and wells
- FWP continues fish monitoring (caged fish and radio-tagged fish) on sections of the Blackfoot and Clark Fork Rivers
- USGS continues to monitor scour and flow conditions on the Blackfoot River
- Restoration work continues
- Redevelopment/Park planning continues
- Mid-June: Remove additional rail track from on-site rail line
- By September: Complete removal and rail hauling of 2.2 million cubic yards of contaminated sediments from the former reservoir



View of the Clark Fork River, looking downstream from the on-site flood berm.

Photo by Kris Cook, Envirocon, 5/26/09.



View of the flow in the Clark Fork River Bypass Channel. Photo taken 5/26/09 by Kris Cook of Envirocon, from the on-site rail road bridge.

## PROJECT SCHEDULE

**2009** Sediment removal  
Rail hauling sediment

Restoration  
Redevelopment

**2010** Restoration  
Redevelopment

**2011** Restoration  
Redevelopment



### REDEVELOPMENT UPDATE

**The Milltown Redevelopment Working Group met on May 26.**

Topics discussed included:

- 1) Updates on Remediation and Restoration;
- 2) Pedestrian Bridge volunteer day in May with another planned for September;
- 3) Community Council update;
- 4) Funding—can use support letters—contact a member of the Working Group for details;
- 5) Report from the Recreation and Trails subcommittee on the SuperFUN Run in April;
- 6) Report from the History and Culture Subcommittee: Judy Matson received an award for her "exemplary" efforts; and
- 7) Public Outreach subcommittee report.

For more information, please contact Diana or Peter.

### Safety Reminder

**DURING THE MILLTOWN CLEANUP, THE CLARK FORK AND BLACKFOOT RIVERS ARE CLOSED**



**TO RIVER RECREATION ABOVE AND BELOW THE PROJECT AREA.**

Clark Fork River

users must exit the river at Turah Fishing Access; Blackfoot River users must exit at Weigh Station.

**VIOLATORS and TRESPASSERS WILL BE FINED.**

For more information, contact Montana FWP at 542-5500.