

## Cleanup Update

# Milltown Reservoir Sediments Superfund Site

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### For More Information:

Diana Hammer, US EPA  
457-5040

[hammer.diana@epa.gov](mailto:hammer.diana@epa.gov)

Keith Large, MT DEQ  
841-5039

[klarge@mt.gov](mailto:klarge@mt.gov)

Doug Martin, MT NRDP  
444-0234

[dougmartin@mt.gov](mailto:dougmartin@mt.gov)

Peter Nielsen, Missoula Co.  
258-4968

[NielsenP@ho.missoula.mt.us](mailto:NielsenP@ho.missoula.mt.us)

#### 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 316,651 hours without time lost to injury.

### REMEDIATION AND RESTORATION

- As of Monday, 2,985,456 tons (~ 2,296,505 cubic yards) of sediment have been excavated, loaded and hauled off-site. **This portion of the project should be complete next week**—almost exactly two years from the start of sediment hauling by rail.



Loading rail cars in groups of four cars. Sediment loading and hauling should be complete the week of September 21, 2009.

- **For one more week: continue excavating sediments from under the rail spur area.**
- **Tuesday, removing another 200 feet of rail and shortening the train to just 4 cars.** So far, approximately 3200 feet of rail line have been removed from the Site. Rail cars are now being loaded adjacent to the construction trailer on-Site. Crews will now be switching out trains twelve times/day. While best efforts will be made, it may be impossible to completely avoid switching out trains during the busy school arrival and departures times. **Please bear with us for only 1 more week!**
- **Removal of SAA IIIb sediments has begun** (see photo at right). As of Monday, removed 23,000 cubic yards of material. These sediments will not be sent off-site for disposal but placed in the Tunnel Pond repository. The Restoration Grading Plan has recently been revised to create a smoother transition to the repository area. Work should be complete by December.
- **Continue implementation of the State's Restoration Grading Plan.**



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.

Excavating from Area J and placing material in Area B and when appropriate in the Buried A-horizons soils stockpile. So far: Placed 160,000 cubic yards of material in the Bypass Channel stockpile; 83,000 cubic yards have been used for Grading Plan cut and fill work; and 48,000 of Buried A-horizon soils have been stored for future use. Whenever possible, trees and shrubs are being salvaged for later use in restoration work.



US EPA Montana Office  
10 W.15th St., Ste.3200  
Helena, Montana 59626

## Upcoming Events

- **Next week!**  
Last train load of sediment leaves the Milltown project area
- **Sept. 30-October 2 Waters that Cross Divides**—Joint Conference of the Montana Section of the American Water Resources Association and the University of Montana. The conference will be held at the Holiday Inn Parkside in Missoula. For more information and to register, please visit: <http://water.montana.edu/awra/registration/default.asp>
- **Tuesday, October 6 Site Tour with the Design Review Team**
- **Tuesday, October 20 Milltown Project Update on the 3Rs:** Remediation, Restoration, and Redevelopment. Open House (6-7 pm) and Public Meeting (7-8:30 pm) Bonner School Gym.



Above: Close up photo of one of the stumps unearthed during sediment excavation.

### On-going and Upcoming work:

- Continue sediment excavation, hauling, and disposal of contaminated sediments;
- Begin shaping bottom of the CFR Channel;
- Continue SAA IIIb sediment excavation;
- Envirocon, USGS, U of M, and Missoula Co. continue surface and groundwater monitoring of Clark Fork River and wells;
- NRDP continues to monitor surface water for turbidity from upstream activities;
- 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 excavating new river channel and stockpiling Buried A-horizon soils for later use;
- Continue restoration work in the very upper end of the reservoir (above former Duck Bridge) in SAA- IV and V; creating a new channel. Access will be off Rustic Road.
- Redevelopment/Park planning continues;
- Week of September 21, 2009: Complete removal and rail hauling of over 2.2 million cubic yards of contaminated sediments from the former Milltown Reservoir area.

## PROJECT SCHEDULE

**2009** Sediment removal  
Rail hauling sediment

Restoration  
Redevelopment

**2010** Restoration  
Redevelopment

**2011** Restoration  
Redevelopment



### Safety Reminder

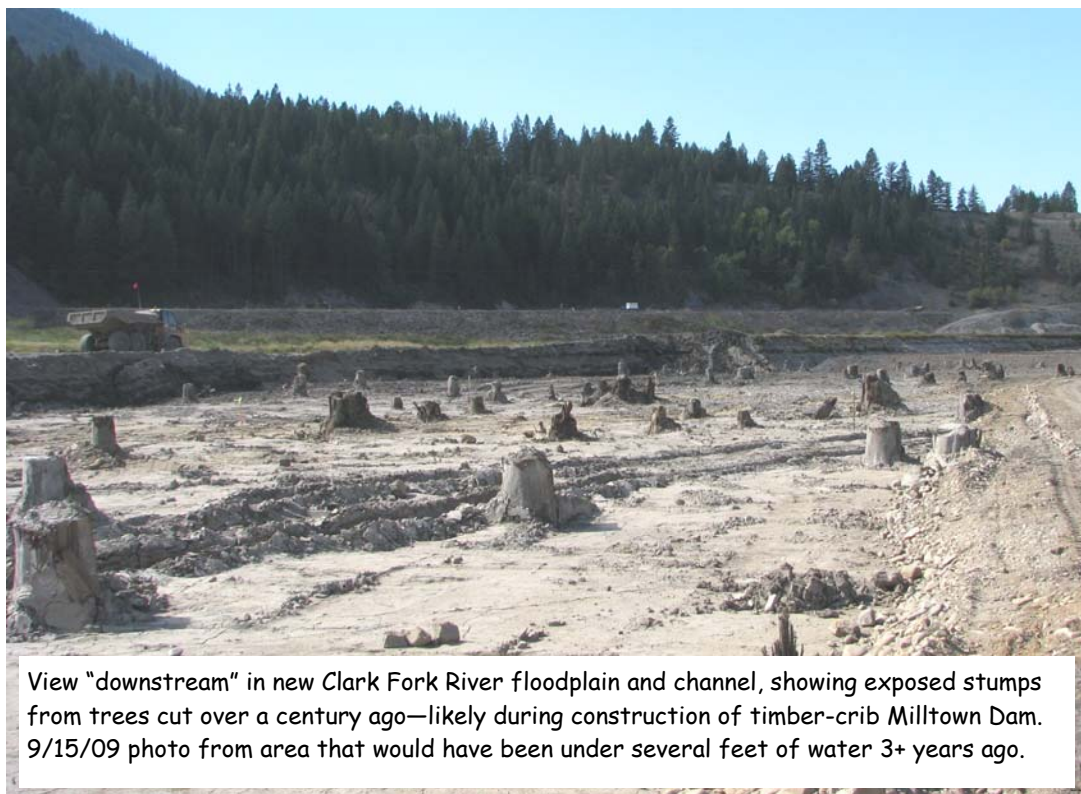
**DURING THE MILLTOWN CLEANUP, THE CLARK FORK AND BLACKFOOT RIVERS ARE CLOSED TO RIVER RECREATION ABOVE AND BELOW THE PROJECT AREA.**

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.



View "downstream" in new Clark Fork River floodplain and channel, showing exposed stumps from trees cut over a century ago—likely during construction of timber-crib Milltown Dam. 9/15/09 photo from area that would have been under several feet of water 3+ years ago.