

Mill River Cleanup Project Update

April 2016

Update No. 16

The following is a monthly project update for the cleanup of lead impacted sediment by hydraulic dredging in the Mill River. We have completed the sediment dredging portion of the project and are currently in the on-going process of dewatering the sediment, treating the filtrate water from the dewatering process, and discharging treated water back to the Mill River. All of the sediment dewatering and water treatment work is occurring at the facility on Exide's property at 2190 Post Road in Fairfield. TRC is the firm conducting the cleanup work for Exide.

What Has Happened in March

During March, planning for site preparation activities occurred as Exide/TRC prepared to begin loading and transporting the dewatered sediment to off-site/out of state disposal facilities. The following activities occurred in March:

- Dewatering of sediment located on Exide's property is ongoing. With active dredging completed, the water treatment plant (WTP) is now operated periodically, as necessary. During March, the WTP only required operation for two days. The filtrate (i.e., water) treatment process has been very effective. Since the WTP began operation in October 2014, the average concentration of lead in water discharged through March 2016 is very low, 12.7 ug/L (i.e., parts per billion). This is less than 8% of the CT DEEP permitted discharge limit of 150 ug/L.
- Monitoring and sampling, as required by CT DEEP is being conducted, and permit limits are being met.
- Sampling of the dewatered sediment to characterize the material for landfill disposal began.
- A "Sediment Load-out Information" sheet was prepared and shared with interested members of the public.
- A Chat n Chew was conducted with interested members of the public on March 23, 2016 to discuss the "Sediment Load-out Information" sheet, and to answer stakeholder questions regarding the project.
- TRC began making site preparations on Exide's property in order to begin load out of the dewatered sediment load-out and transportation.

What to Expect in April

In April, we will conduct the following activities:

- Dewatering of sediment and treatment of filtrate will continue at Exide's property. Monitoring and sampling will continue, as required by CT DEEP. Discharge monitoring will be intermittent during this period reflecting the infrequent generation of treated water.
- The WTP will remain at the Exide property, and continue to treat filtrate as the sediment dewaterers. The WTP is expected to remain in operation until the dewatered sediment is removed from the Exide property.

- Site preparation will commence, load-out of the dewatered sediment (loading of trucks, and trucks transporting dewatered sediment to an off-site disposal facility) is currently scheduled to begin in early April 2016 (weather dependent). As the dewatered sediment is loaded and removed, the following practices will be used:
 - A proactive odor control plan is in-place that will be implemented to minimize odors. The odors are not a health hazard; they are related to decaying organic material dredged from the river and may smell like “low tide”.
 - 40 to 60 truck trips will likely occur each day, five to six days per week (Monday through Saturday)
 - It is anticipated that the loading and removal of the dewatered sediment will take approximately 3 to 4 months to complete

For More Information

If you have any questions or comments, or would like to be added to our distribution list for future project updates, please contact Exide’s environmental consultant CCA, LLC as follows: Richard R. Chandler L.E.P., C.P.G. (203) 815-3141 richardchandler@ccaengineering.com

The CT Department of Energy and Environmental Protection has project information on its website: http://www.ct.gov/deep/cwp/view.asp?a=2719&q=517076&depNav_GID=1654, including a fact sheet: http://www.ct.gov/deep/lib/deep/water/tmdl/millriver/deepmillriver_factsheet_9_14.pdf