

## **Mill River Cleanup Project Update**

### **March 2017**

### **Update No. 26**

The following is a project update for the cleanup of lead impacted sediment by hydraulic dredging in the Mill River. As noted in previous updates, we have completed the sediment dredging, the dewatering of the sediment, the treating of the filtrate water from the dewatering process, and disposing of the dewatered sediment to off-site/out-of-state disposal facilities portions of the project. All of the sediment dewatering and water treatment work occurred 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 December 2016, January and February 2017**

As discussed in the November Project Update (No. 24), loadout of the dewatered sediment for disposal at off-site facilities was completed during early November, a major milestone! The following activities occurred in December, January and February:

- With sediment dewatering and dewatered sediment loadout completed, the water treatment plant (WTP) was operated periodically, as necessary. During December, the WTP discharged treated filtrate (i.e., water) thirteen days. The water treatment process has been very effective. Since the WTP began operation in October 2014, the average concentration of lead in water discharged through December 2016 is very low, 11.59 ug/L (i.e., parts per billion). This is 7.7% of the CT DEEP permitted discharge limit of 150 ug/L. Other constituents of concern were also below limits or below detectable levels. Operation of the WTP was completed during the end of December.
- Monitoring and sampling as required by CT DEEP was conducted, and permit limits were met.
- Removal and off-site disposal of the stone and top layers of felt material associated with the geo-textile bag dewatering basin and residual sump solids was completed.
- Decommissioning and disassembly of the WTP components, and staging of the WTP components for shipment off-site was performed.
- After staging of the WTP components, TRC demobilized for the winter shut-down. However, security was present at the site during the winter shut-down.
- Inspections were periodically performed of Exide's property during the winter shut-down.
- Shipment of the WTP components off-site was completed during the week of February 20-24.

#### **What to Expect in March**

TRC will return in the spring, weather permitting, to begin removal and disposal of remaining items associated with the geo-textile bag dewatering basin, and to perform site restoration work.

#### **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: Ralph A. Klass P.E., L.E.P. (203) 598-5595 [ralphklass@ccaengineering.com](mailto:ralphklass@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](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](http://www.ct.gov/deep/lib/deep/water/tmdl/millriver/deepmillriver_factsheet_9_14.pdf)