

## **Mill River Cleanup Project Update**

### **December 2016**

### **Update No. 25**

The following is a monthly 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 November**

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 additional activities occurred in November:

- With sediment dewatering and dewatered sediment loadout completed, the water treatment plant (WTP) is now operated periodically, as necessary. During November, the WTP discharged treated filtrate (i.e., water) one day. 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 October 2016 is very low, 12.19 ug/L (i.e., parts per billion). This is 8% of the CT DEEP permitted discharge limit of 150 ug/L. Other constituents of concern were also below limits or below detectable levels.
- Monitoring and sampling as required by CT DEEP is being conducted, and permit limits are being met.

#### **What to Expect in December**

With load-out completed, the next steps that are anticipated to be performed in December, dependent on weather conditions, include the following:

- Removal and off-site disposal of materials associated with the geo-textile bag storage area.
- Treatment of the storm water collected in the sump. With the dewatered sediment removed from the site, the WTP is primarily treating storm water.
- Decommissioning and disassembly of the water treatment plant components and shipment offsite.

#### **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)