

# Mill River Cleanup Project Update

## January 2016

### Update No. 13

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 December

During December you may have noticed the following activities:

- A Public Information Meeting was held on Monday, December 7, 2015 at 7 pm to present the results of dredging activities completed in 2015. The meeting was held at the Board of Education Conference Room, 2<sup>nd</sup> floor at 501 Kings Hwy East.
- Upon CT DEEP approval of the final verification sample results (presented in a memorandum dated November 30, 2015 that summarized the final sediment verification sample results and compared the results to the clean-up criteria; copies of the memorandum were distributed to the Town and FairPLAN per the Communication Plan), TRC commenced demobilizing marine equipment from the Site. Demobilization included removal of the two dredges, support barge and excavator, turbidity curtains, and orange discharge pipeline. Demobilized equipment removed from the Mill River was shipped off-site. CT DEEP approved the final verification sample results in a letter dated December 10, 2015.
- Dewatering of sediment and treatment of filtrate at Exide's property is ongoing. The filtrate (i.e., water) treatment process has been very effective. For example, since the filtrate treatment plant (WTP) began operation in October 2014, the average concentration of lead in water discharged through December 14, 2015 is very low, 13.23 ug/L (i.e., parts per billion). This is approximately 9% 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.

#### What to Expect in January

In January, 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 dewatered. The WTP is expected to remain in operation until the dewatered sediment is removed from the Exide property. Load out of the sediment is currently scheduled to begin sometime between February and April of 2016 (weather dependent).

#### 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](mailto: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](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)