

Mill River Cleanup Project Update

October 2015

Update No. 10

The following is a monthly project update for the cleanup of lead impacted sediment by hydraulic dredging in the Mill River. We are currently in the process of dredging, 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 September

During September you may have noticed the following activities:

- Dredging continued in Area II – the portion of the Mill River adjacent to Exide's property, between the Metro North railroad bridge and the Post Road bridge.
- Dredging was completed in Area II on Saturday September 19th.
- The turbidity meters (yellow buoys with solar panels), turbidity curtains (floating yellow items), and the large orange pipeline (that conveys sediment to Exide's property) were moved periodically, as dredging progressed in Area II.
- 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 September 16, 2015 is very low, 15.43 ug/L (i.e., parts per billion). This is approximately 10% 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.
- Removal of dredging and support equipment from Area II of the Mill River for transport to an offsite location for access to Area IV.

What to Expect in October

In October, the activities that have or will be conducted are:

- Relocate the dredge, turbidity curtains and turbidity monitors from Area II to Area IV. Wait for the storms to pass and the shellfish spawning restriction period to end on October 1st. Move the dredge into Area IV (occurred on October 6th). Move the second dredge in Area III to the middle of Area III to assist in dredging activities in Area IV.
- Dredging began in Area IV on October 7th.
- The turbidity meters (yellow buoys with solar panels), turbidity curtains (floating yellow items), and the large orange pipeline that conveys sediment to the Exide property will be moved as dredging progresses in Area IV.
- Area IV is the last of the five Areas to be dredged.
- Dewatering of sediment and treatment of filtrate will continue at Exide's property.
- Monitoring and sampling will continue, as required by CT DEEP.
- Collecting final sediment verification samples after dredging is completed. The results will be used to evaluate sediment remediation activities in the five Areas against the approved clean-up criteria.
- Upon CT DEEP approval of the final verification sample results, TRC will commence demobilizing marine equipment from the Site.

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