

Hi! This note is brought to you by the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (DEQ) Calumet Field Office. Our division's goal is to keep you up to date on RRD's environmental projects underway in the Keweenaw Peninsula. My name is Amy Keranen and I'm the DEQ project manager for the sites you are about to read about. I can be reached at the following phone number and addresses, and hope you'll keep in touch! DEQ Calumet Field Office (MSP Post), 55195 U.S. 41 North, Calumet, MI 49913; 906-337-0389; keranena@michigan.gov.

## C&H Power plant demolition wrapped up for the season

The former C&H Powerplant in Lake Linden was demolished in August 2013 in order to facilitate removal of PCB laden sediment and water in the 17' deep basement of the hazardous structure. Honeywell Specialty Ser-



vices, under an agreement with the USEPA, has been conducting investigation and clean-up of the property which has extensive asbestos contamination on the ground surface. It is anticipated that in 2014 the basement will be dewatered, the debris removed and the basement filled in. The asbestos on the ground surface will be removed at that time as well.

## Dredging in the Portage Canal

Under permit from the DEQ Water Resource Division and the US Army Corp of Engineers (USACE) the property owner of the former Manufactured Gas Plant (MGP) in Ripley dredged an approximately 2.5' layer of MGP waste off the floor of the canal. The dredge area was within an approximate

70' X 500' zone along the shoreline. Dredge operations started in October 2013 and all on-site activities were ended for the season by mid-December. Due to the very cold weather we had this fall, the site restoration activities will resume in the spring.



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Sediment and on-land sampling to be conducted

### What's Next?

During the next several months I will be working to finalize contract details and then MTU, Weston and I will sort through existing data to get it into a useable format to aid in selection of sampling locations for this summer.

A targeted on-land and in-lake sampling for PCBs will take place during the summer/fall of 2014.

I will send out another update as plans solidify.

In the meantime, let me know if you have any questions.

-Amy

## Torch Lake PCB source investigation

The MDEQ is preparing to partner with MTU and Weston Solutions to collect sediment, submerged abandoned drums, soil and groundwater samples to try to identify the unknown sources of PCBs found in Torch Lake sedi-

ments, fish tissues and water column. The on-going presence of PCBs prevents Torch Lake from being delisted as an Area of Concern under the Great Lakes Water Quality Agreement.



## Michigan Smelter– Houghton Canal

The MDEQ Superfund Site Assessment Unit from Lansing conducted an investigation at the former smelter site on the hillside at Cole's Creek and Houghton Canal Road in 2010. They shared these results with the EPA and requested a cleanup action. EPA was on site during 2013 removing

asbestos, lead, arsenic and other heavy metal contaminated soils. More information about this effort can be found at [http://www.epaos.org/site/site\\_profile.aspx?site\\_id=8829](http://www.epaos.org/site/site_profile.aspx?site_id=8829)



## Site Assessment Review

As a result of the EPA winding down its activities at the Torch Lake Superfund site, at the request of the former DEQ Superfund project manager, the MDEQ Superfund Site Assessment Unit from Lansing conducted investigations at numer-

ous parcels throughout the Keweenaw between 2010 and 2013. These include the C&H Lake Linden Ops, C&H Tamarack City Ops, Quincy-Mason, Centennial Mine, Michigan Smelter and Freda/Redridge. They submitted these reports to the

EPA for their review. These same areas are the subject of further evaluation through a collaborative effort between MDEQ, MTU and Weston Solutions starting in 2014 at the C&H Lake Linden Ops area.