

Endsley, Erin A - DNR

From: Graham, Joseph R - DNR
Sent: Monday, November 03, 2014 2:28 PM
To: Steiger, Matthew B - DNR; cieniewski.scott@epa.gov
Cc: Hagen, Cherie L - DNR; Galarneau, Stephen G - DNR; Endsley, Erin A - DNR
Subject: FW: SWL&P Sed Data and Maps
Attachments: SWLP_Sed_Data.xls; SWL&P Sed Sample Location Maps.pdf

FYI – The attached data support the identification of the Superior Water Light & Power Boat Slip in Superior as a “red site” or a site needing to be remediated in the 2013 RAP for the St Louis River AOC.

The average sediment TPAH concentration is 93 PPM with a maximum concentration of 1,160 PPM at the surface (0 – 24 inches).

A single grab sample from 2012 was positive for toxicity at 65 PPM TPAH (significantly reduced *C. tentans* growth compared to control).

Erin did a very nice job summarizing the available data. Thanks Erin.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Joe Graham
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From: Endsley, Erin A - DNR
Sent: Monday, November 03, 2014 1:16 PM
To: Graham, Joseph R - DNR
Subject: SWL&P Sed Data and Maps

Joe –

Here is what I compiled for sediment sampling results at the slip adjacent to the Superior Water Light & Power site:

- 2000 DNR (map and data)
- 2003 ENSR (map and data)
- 2007 EPA (map and data)
- 2010 AECOM (map and data)
- 2012 Graham (data)

The spreadsheet contains the data for all of the above. The maps include everything but the 2012 sample point, but you should have that information.

I would really like to see us move forward with some additional sediment characterization, based on the elevated PAHs in this location. A more comprehensive approach would hopefully help us with source identification. Please let me know if you need anything else or have any questions. Thanks!

Erin