

From: Armstrong, Brandon (EGLE) <ArmstrongB5@michigan.gov>

Sent: Tuesday, February 16, 2021 10:45 PM

To: Smith, Ian (EGLE) <SmithI@michigan.gov>; Kammer, Stephanie (EGLE) <KAMMERS@michigan.gov>

Subject: RE: Samples on Horseshoe Lake, Whitmore Lake, MI

Hi Ian,

I apologize for the delayed response, I just realized this was sitting in my drafts folder. As Stephanie noted, our surface water investigation in Horseshoe Creek didn't find anything in terms of a significant source of PFAS to the creek. We collected a surface water sample from the six locations below, all of which were non-detect for PFOS and PFOA.

Site Code	Waterbody	Description	Collection Date	Latitude	Longitude
HSC0600	Horseshoe Creek	At Schrum Drive	4/30/2019	42.40425	-83.75929
HSC0500	Horseshoe Creek	At Barker Road	4/30/2019	42.22573	-83.76634
HSC0400	Horseshoe Creek	At 8 Mile Road	4/30/2019	42.42892	-83.77776
HSC0300	Horseshoe Creek	At Northfield Twp. WWTP driveway	4/30/2019	42.43597	-83.78170
HSC0100	Horseshoe Creek	At Hamburg Road	4/30/2019	42.44748	-83.80181
HSC0050	Horseshoe Creek	At Merrill Road (Manly Bennett Park)	4/30/2019	42.45299	-83.82144

We didn't test the fish in Horseshoe Lake. We did analyze bluegill and pumpkinseed sunfish from the lake about a mile to the north (Whitmore Lake). PFOS in those samples ranged from 2 to 4.6 parts per billion, which are below the screening levels used by DHHS to issue a fish consumption advisory for PFOS. Feel free to forward my email to Mr. Chisolm if I am late in my response and have him reach out to me if he has any questions related to the fish or surface water sampling in the watershed.

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From: Kammer, Stephanie (EGLE) <KAMMERS@michigan.gov>

Sent: Monday, February 8, 2021 5:36 PM

To: Armstrong, Brandon (EGLE) <ArmstrongB5@michigan.gov>; Smith, Ian (EGLE) <SmithI@michigan.gov>

Subject: FW: Samples on Horseshoe Lake, Whitmore Lake, MI

Hi Ian,

Surface Water samples were collected of Horseshoe Creek in 2019 and results were low or ND. The following report is posted on the MPART Huron River Watershed timeline and summarizes results from that effort:

https://www.michigan.gov/documents/pfasresponse/Investigation_of_the_Occurrence_and_Sources_of_P_FAS_in_the_Huron_River_Watershed_Jul_2018_-_Dec_2019_691327_7.pdf

Brandon can provide information as to whether there is any additional data associated with Horseshoe Lake and would be a good contact for these type of questions.

Stephanie