

----- Forwarded Message -----

Subject:Fwd: Yahara dredging question

Date:Wed, 3 Feb 2021 13:24:59 -0600

From:Maria Powell (MEJO) <mariapowell@mejo.us>

To:Foss, Darsi J - DNR <Darsi.Foss@Wisconsin.gov>, Haag, Christine T - DNR
<Christine.Haag@wisconsin.gov>

Hello Darsi and Christine,

Given the recent PFAS results from the lakes, I'm wondering--will PFAS will be tested in sediments being sucked up in the Yahara River Dredging project? I know they aren't now (see below), but will they be in the future? Where will the dredged sediments go?

As I'm sure you know, longer chain compounds, especially PFOS, build up in sediments. See attached Remucal paper. In line with this, we also found more PFOS in the Starkweather sediments than other compounds--and also some 10, 12, 14 carbon compounds closer to the airport/base. I wonder if they used to use these longer-chain PFAS compounds there? What do they break down into?

Maria

PS--Also notice that the Remucal paper says on the first page (bottom right) that the European Union has issued a PFOS surface water standard of 1 ng/L.

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Subject:RE: Yahara dredging question

Date:Mon, 11 Jan 2021 14:29:54 +0000

From:Schroeder, Travis - DNR <Travis.Schroeder@wisconsin.gov>

To:Maria Powell (MEJO) <mariapowell@mejo.us>, Sorge, Michael J - DNR
<Michael.Sorge@wisconsin.gov>

CC:Bauman, Thomas S - DNR <Thomas.Bauman@wisconsin.gov>, Allness, Michele M - DNR
(Shelly) <Michele.Allness@wisconsin.gov>

Maria, thanks for your email. The sediment that was dredged was not tested for PFAS during Phase 1 to my knowledge. The material was tested for Heavy metal, PCBs and Arsenicals. Below is a summary that was shared with me regarding the sediment sampling results for Phase 1.

- One of four sediment samples one had arsenic at 13.4 mg/kg, which is above the state background threshold value of 8 mg/kg, and is about three times the concentration of the other three samples (4.07 – 4.78 mg/kg).
- No other metals analyzed from four samples were found at or above the RR default exempt soil concentration.
- Neither of the two samples analyzed for PCBs had detections of PCBs.
- Benzo(a)pyrene was detected in both samples analyzed for PAHs at values (0.16 and 0.20 mg/kg) greater

than the soil non-industrial direct contact hazard-risk value concentration of 0.115 mg/kg.

- Chrysene was detected in one of the two samples analyzed for PAHs at a value (0.17 mg/kg) greater than the soil non-industrial direct contact hazard-risk value concentration of 0.1446 mg/kg.
- Other PAHs detected in the two samples analyzed for PAHs were not found at or above the NR 720 default soil hazard-risk concentration for the parameter.

Thanks and let me know if you have any questions.

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

Travis Schroeder
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-----Original Message-----

From: Maria Powell (MEJO) <mariapowell@mejo.us>

Sent: Monday, January 11, 2021 8:17 AM

To: Sorge, Michael J - DNR <Michael.Sorge@wisconsin.gov>

Cc: Schroeder, Travis - DNR <Travis.Schroeder@wisconsin.gov>; Bauman, Thomas S - DNR <Thomas.Bauman@wisconsin.gov>

Subject: Re: Yahara dredging question

Thanks,
Maria

On 1/11/2021 7:52 AM, Sorge, Michael J - DNR wrote:

Maria,

Good morning, I do not handle the permitting for the Yahara River Dredging project. I have cc'd the two program supervisors that have permits for this project.

Thanks- Mike

We are committed to service excellence.

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

Michael Sorge

Phone: (608) 275-3247

Michael.Sorge@wisconsin.gov

-----Original Message-----

From: Maria Powell (MEJO) <mariapowell@mejo.us>

Sent: Saturday, January 9, 2021 4:03 PM

To: Sorge, Michael J - DNR <Michael.Sorge@wisconsin.gov>
Subject: Yahara dredging question

Hello Mr. Sorge,

Can you tell me if PFAS has been or will be tested in sediments being removed during the Yahara dredging project?

Thank you,

Maria Powell