

From: kevin_mann@fws.gov,

To: grmund@aol.com,

Cc: GNobes@wmsrdc.org, KEvans@wmsrdc.org, Matthew_Symbal@fws.gov, terry.heatlie@noaa.gov, rina.studds@noaa.gov,

Subject: Re: [EXTERNAL] Proposed Road Stream Restoration and Lamphrey Barriers

Date: Thu, Jun 24, 2021 10:17 am

Good morning Greg,

I've reviewed the 144th Avenue culvert project and like the other projects on Swinton Creek, we have no concerns regarding sea lamprey advancement.

You are correct that we have been in contact with CRA regarding Marshville Dam and we also have no concerns with that removal.

Please consider this message a record of our approval for these projects.

Good luck,
Kevin

Kevin Mann
U.S. Fish & Wildlife Service
Sea Lamprey Control
Alternative Control and Evaluation Unit
3090 Wright Street
Marquette, MI 49855
906-226-1218 (Office)
906-869-5337 (Cell)
906-226-3632 (Fax)

From: Greg Mund <grmund@aol.com>

Sent: Wednesday, June 23, 2021 12:11 PM

To: Mann, Kevin <kevin_mann@fws.gov>

Cc: GNobes@wmsrdc.org <GNobes@wmsrdc.org>; KEvans@wmsrdc.org <KEvans@wmsrdc.org>; Symbal, Matthew J <Matthew_Symbal@fws.gov>; terry.heatlie@noaa.gov <terry.heatlie@noaa.gov>; rina.studds@noaa.gov <rina.studds@noaa.gov>

Subject: Re: [EXTERNAL] Proposed Road Stream Restoration and Lamphrey Barriers

Kevin

When had communicated with you in January, last year, we had omitted one of our crossings...144th / Swinton Creek, in the White River watershed, Oceana Co, MI.

Also, we've added another fish passage barrier for Stony Creek / Marshville Dam Rd & removal of old dam remanent, Oceana County, MI. (attached map/layout)

I attached the spreadsheet with both of those crossings for your review and comments with whether there's any concern for lamprey? You may have already communicated with Conservation Resource Alliance with regards to the Stony Creek site. We are cooperating with CRA on that site.

Also, I pasted below recent conversations we've had with our NOAA personnel / grant managers with obtaining USFWS clearance. NOAA is making final approval for funding the replacement of these road crossings, so your quick response is greatly appreciated!!

Thank You
Greg Mund

Terry Heatlie - NOAA Affiliate terry.heatlie@noaa.gov Hide

To **Greg Mund** grmund@aol.com

Cc **rina.studds@noaa.gov** rina.studds@noaa.gov, **gnobes@wmsrdc.org** gnobes@wmsrdc.org, **kevans@wmsrdc.org** kev:

Hey Greg,

Thanks for this follow up. If it is as simple as an email to the FWS to confirm your very reasonable assumption about 144th/Swinton Crk. that would be great for our records and NEPA.

Thank you,

Terry

On Wed, Jun 23, 2021 at 10:52 AM Greg Mund <grmund@aol.com> wrote:

Rina

Attached is the spreadsheet we sent to USFWS in January, 2020.

Cushman Creek and Michillinda are listed on it and was cleared by USFWS per the emails with them. I highlighted those crossings

You're right, for whatever reason we missed putting the 144th / Swinton Cr on that list. However, the the Baseline crossing (above 144th) and Buchanan and E. Pierce (below 144th) were cleared by USFWS. My take is that 144th would be cleared as well. We can follow up with USFWS to confirm if needed, but will take a bit of time to complete.

I reached out to the CRA staff for their consultation with USF&WS on Stony Creek / Marshville Dam, per info they provided with one of their grant applications. Will forward that as soon as we receive it

Thanks
Greg

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

From: Mann, Kevin <kevin_mann@fws.gov>

To: Greg Mund <grmund@aol.com>

Cc: Nobes, Gale <GNobes@wmsrdc.org>; KEvans@wmsrdc.org; Matthew Symbal <matthew_symbal@fws.gov>

Sent: Thu, Jan 16, 2020 8:58 am

Subject: Re: [EXTERNAL] Proposed Road Stream Restoration and Lamphrey Barriers

Greg and Gale,

I've reviewed all the proposed projects you sent in the spreadsheet and we have no concerns with any of them regarding sea lamprey advancement. As you mentioned, a few are upstream of a known blocking structure and based on the photos you sent, none of the remaining are what we consider blocking structures. Thanks for reaching out to Sea Lamprey Control and if you have future projects which need reviewing, please let me know.

Kevin M.

Kevin Mann
U.S. Fish & Wildlife Service
Sea Lamprey Control

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On Wed, Jan 15, 2020 at 2:03 PM Greg Mund <grmund@aol.com> wrote:

Kevin

Attached are the photos for the crossings requested, with the creek identified per the earlier map sent for White River.

White River - Bear Creek at 128th Ave
White River - Evans Creek at Buchanan Rd
White River - Evans Creek at E. Pierce Rd

Sorry I forgot to attach per your earlier note

Thank You
Greg Mund

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

From: Nobes, Gale <GNobes@wmsrdc.org>
To: 'Mann, Kevin' <kevin_mann@fws.gov>
Cc: Greg Mund <grmund@aol.com>; Evans, Kathy <KEvans@wmsrdc.org>
Sent: Wed, Jan 15, 2020 12:52 pm
Subject: RE: [EXTERNAL] Proposed Road Stream Restoration and Lamphrey Barriers

Hello Kevin,

I have attached photos of the Tyler Rd culvert outlet and the Sweeter Rd culvert outlets. Brickyard Road has been eliminated from our current proposal and also is an open span which presents no barrier nor ever has. The Tyler culvert is still in our proposal but not due to its being a barrier so much as the culvert is not sized correctly and presents hydrological issues and erosion around the culvert inlet. Sweeter Rd may be a barrier for Lamprey, especially during low water. The culvert is perched however during high flows there may be an opportunity for the eels to make it into the tube. Both culverts have scour holes at the outlets. The photos show levels fairly frequent this year due to the excessive precip. we've had. I'd be interested in your thoughts.

I am also going to copy Greg Mund so he may address your White River questions.

Gale

Gale Nobes
Environmental Planning Technician
West Michigan Shoreline Regional Development Commission
316 Morris Ave., Suite 340, Muskegon, MI 49440-1140

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E-Mail: gnobes@wmsrdc.org
Website: www.wmsrdc.org

From: Mann, Kevin [mailto:kevin_mann@fws.gov]

Sent: Wednesday, January 15, 2020 11:49 AM

To: Nobes, Gale

Subject: Re: [EXTERNAL] Proposed Road Stream Restoration and Lamprey Barriers

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Hi Gale,

I appreciate your patience while I look into these barriers. Some are located in streams negative for sea lamprey historically so I was hoping to confirm the reason the stream is negative upstream is not because of the structure itself. Do you have photos of these structures? I'm interested in the following:

White River - 128th Ave

White River - Buchanan Rd

White River - E. Pierce Rd

Little Cedar Creek - Tyler Rd

Little Cedar Creek - Sweeter Rd

Little Cedar Creek - Brickyard Rd

Thanks for any help you can provide

Kevin

Kevin Mann

U.S. Fish & Wildlife Service

Sea Lamprey Control

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On Wed, Jan 8, 2020 at 8:42 AM Nobes, Gale <GNobes@wmsrdc.org> wrote:

Hello Kevin,

Attached is an Excel doc. of the proposed project sites with the GPS coordinates included. It is possible that not all of these sites will be included in the final proposal, but it does include all the sites that we are considering. If you require any additional information please let us know.

Gale

Gale Nobes

Environmental Planning Technician

West Michigan Shoreline Regional Development Commission

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From: Mann, Kevin [mailto:kevin_mann@fws.gov]
Sent: Tuesday, January 07, 2020 1:33 PM
To: Greg Mund
Cc: Evans, Kathy; Nobes, Gale; Matthew Symbal
Subject: Re: [EXTERNAL] Proposed Road Stream Restoration and Lamphrey Barriers

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Hi Greg, thanks for reaching out to us.

Are you able to provide GPS coordinates for these locations? Also, do you have any photos of the structures you're proposing to remove? Thanks.

Kevin M.

Kevin Mann
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On Tue, Jan 7, 2020 at 1:19 PM Hrodey, Peter <pete_hrodey@fws.gov> wrote:

Greg,

Thanks for the heads up! I am going to forward this along to Kevin Mann (CC'd here) who will be in touch if he has any further questions.

Cheers,

Pete
Peter J. Hrodey
Unit Supervisor, Sea Lamprey Control
Alternative Control and Evaluation
U.S. Fish and Wildlife Service
3090 Wright Street
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Mobile: (906) 869-5346
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pete_hrodey@fws.gov

On Tue, Jan 7, 2020 at 1:11 PM Greg Mund <grmund@aol.com> wrote:

Mr Pete Hrodey
Fish Biologist-Barrier and Trapping Team Leader,
U.S. FWS, Marquette, MI

The West Michigan Shoreline Regional Development Commission (WMSRDC) is developing a funding proposal to NOAA for developing engineered designs to restore in-stream fish passage by replacing road stream crossing impairments in three west Michigan watersheds (Lake MI drainage). The three watersheds (project site locations attached) are the Pere Marquette River (Mason CO), White River (Oceana and Newaygo COs) and Little Cedar Creek (tributary to Cedar Creek / Muskegon River, Muskegon CO) .

As a part of the grant request, NOAA requests consultation with USF&WS as to any impacts with the Sea Lamprey Control Program. Based on a review of the F&WS Lamprey Control Program map at the web site, the following information / documentation has been gleaned:

- Pere Marquette River site is just upstream of the mouth of the river into PM Lake and has no barriers below it.
- Little Cedar Creek sites has no barriers below the proposed sites for road stream / culvert replacement
- White River:
 - Oceana County; Bear Cr @ 128th St has no barriers below; The Evans Cr sites have no barriers below
 - Newaygo County; All sites are above the Hesperia Dam barrier, with the Flinton and Five Mile Creeks also above the White Cloud Dam barrier

At your earliest convenience, please confirm the above information, along with any other information as to influence / impacts the proposed projects may have with the Sea Lamprey Control Program.

Thank You
Greg Mund
Environmental Consultant
WMSRDC
231-740-9309