

From: Hoskin, Sumalee <sumalee_hoskin@fws.gov>
Sent: Friday, May 10, 2019 11:30 AM
To: mvp_fws
Subject: Fwd: RLP MVP question

Categories: MVP FWS HB

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From: Smith, Kimberly <kimberly_smith@fws.gov>
Date: Mon, Nov 6, 2017 at 6:11 PM
Subject: Re: RLP MVP question
To: Hoskin, Sumalee <sumalee_hoskin@fws.gov>

Hi Sumalee,

The description does not say that there is no suitable habitat for Roanoke logperch. Also, because there were other aquatic critters there I did not think they had enough information to come to a conclusion that logperch was not there. I have seen several streams where logperch occur where cattle are present and conditions are degraded.

Kim

On Mon, Nov 6, 2017 at 12:49 PM, Hoskin, Sumalee <sumalee_hoskin@fws.gov> wrote:

Hey Kim,

I'm trying to retrace the thought process on the NF Blackwater River crossing. The 2015 RLP habitat assessment stated the following (report was too big for me to attach, but I can share w/you if you'd like)...

"5.4.2 North Fork Blackwater River

North Fork Blackwater River is a tributary to the Blackwater River and was assessed on 15 July 2015. It is a third-order stream with an upstream drainage area of 15.3 square kilometers (5.9 mi²) at the Project crossing. The stream is characterized as a perennial stream with average bankfull width of 5 meters (16.4 ft) and wetted width of

3 meters (9.8 ft) at the time of assessment. It is a moderately high gradient stream and substrates are a heterogeneous mix of 75 percent cobble, 20 percent gravel, and 5 percent sand. Stream morphology is characterized as 25 percent riffle and 75 percent run habitats. Average and maximum depths measure 0.2 meter (0.7 ft) and 0.5 meter (1.6 ft), respectively. Riffles are narrow and shallow and exhibit little embeddedness. A pasture with less than 10 percent closed canopy cover and no riparian buffer surround the stream. Cattle have direct access to the stream. Adney Gap Road Bridge crosses the stream approximately 30 meters (98 ft) downstream of the proposed centerline. Aquatic fauna such as macroinvertebrates, crayfish, and fish are present but are not abundant. Based on limited available suitable habitat, limited fish populations, and locally-degraded conditions, the stream crossing is considered unlikely to support Roanoke logperch."

Your email (attached) to Ernie listed the NF Blackwater River as suitable habitat and I wasn't clear if you had additional correspondence with ESI or Mike Pinder that lead to that statement. There's no RLP occurrences in the area and it's outside the Andersen model using the parameters we've chosen.

Thanks in advance for your help,
Sumalee

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