

MEMORANDUM FOR THE RECORD 14 MCN 01 adult outage schedule change**SUBJECT: MCN fishway outage schedule change request**

On 1/22/2014 Corps discussed with Regional Salmon Managers at the annual FPP change meeting the need to revise adult ladder outage schedule at McNary due to an onsite contractor running behind schedule working on construction joints in the WA shore ladder. Corps requested an additional week outage to leave WA shore ladder dewatered to complete work. Corps also expressed need to have an additional week added to OR shore ladder outage. Regional Fish Managers considered these requests and stated they preferred a double ladder outage as the best alternative. Project could facilitate this alternative and it will be adopted, if necessary depending on the contractor's work progress.

Comments Received:

Ann,

We can accept a dual outage until Feb 5 since the data suggests minimal adult salmon movement through the McNary ladder system during the overwintering period. If this isn't a possibility, an extension into March would have to be supplemented with at least 5K attraction spill since the passage data during most years (see below) suggests steelhead are moving mid to late February and are passing in good numbers by March. A south ladder outage in March without attraction spill will attract fish to the Powerhouse without a ladder, and will likely slow their migration considerably during the spawning run.

-Trevor

----- Forwarded message -----

From: Tom Lorz <lort@critfc.org>

Date: Thu, Jan 23, 2014 at 11:19 AM

Subject: Re: MCN ladder outage extension/outage

To: Trevor Conder - NOAA Federal <trevor.conder@noaa.gov>

What I was thinking, dewater the south shore this coming Monday the 27th, hope the other contractor is done by Jan 31 - Feb 2/3 sometime. I am ok with double ladder outage for about a week but not longer, looking at these graphs much later into Feb, steelhead seem to start moving. And I would give the other contractor no more than Feb 4/5 do get done so you guys can get the ladder watered back up before the second week of Feb. Other option is wait, start south shore dewatering later but provide some level of spill, 5 k or great for the North

shore entrance after March 1. Those are the two options that seem most prudent. Any other thoughts welcome.

thanks

tom

>>> Trevor Conder - NOAA Federal <trevor.conder@noaa.gov> 1/23/2014 11:10 AM >>>

Tom,

Based on the following graphs, steelhead passage picks up around March 1. So I don't like the idea of a south ladder extension unless it comes with a decent portion of attraction spill on the north side. Because passage is fairly low Jan and Feb, a dual outage may be best unless an extension came with a substantial amount of attraction spill in March (at least 5 K to pull them from the powerhouse). Another benefit of the attraction spill would be for the overwintering steelhead upstream of McNary. Thoughts? We have to get back to Ann on this by noon.

Inline image 1

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