

MEMORANDUM FOR THE RECORD

**COORDINATION TITLE** - 16FRN01 flow decrease

**DATE** - 20 April 2016

**PROJECT** - Fern Ridge Dam

**RESPONSE DATE** - 04 May 2016

**Description of the problem**

A flow decrease below Fern Ridge Dam in the Long Tom River was made below authorized minimum criteria detailed in the proposed action of the Biological Opinion (BiOp) to aid refill of the reservoir and was coordinated with the Services and the region.

**Type of change/outage required**

NA

**Impact on facility operation**

None

**Dates of impacts/repairs**

April 7 until reservoir is at rule curve likely before the end of April.

**Length of time for repairs**

NA

**Expected impacts on fish passage**

There will be minimal impacts to fish as this equates to a stage change of about an inch and ramp rates detailed in the BiOp were followed.

**Comments from agencies**

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

From: Teed, Tina J NWP

Sent: Thursday, April 07, 2016 11:52 AM

To: Walker, Christopher NWP

Subject: 30 cfs for FRN?

Hello Chris,

Would you please send a note out to the region for feedback on going from 50 cfs to 30 cfs as soon as possible from Fern Ridge? We are on-track to lose ground on refill and it would be ideal to hold as much as possible.

Thank you,  
Tina

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

From: Anne Mullan - NOAA Federal [mailto:anne.mullan@noaa.gov]

Sent: Thursday, April 07, 2016 9:59 PM  
To: Walker, Christopher NWP  
Cc: Stephanie Burchfield - NOAA Federal; Kim Hatfield  
Subject: [EXTERNAL] Re: FW: 30 cfs for FRN? (UNCLASSIFIED)

NMFS will be OK with this reduction, but please let us know how long you expect the reduction to last.  
best, Anne Mullan

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Anne Mullan  
, Ph.D

Endangered Species Biologist

National Marine Fisheries Service

West Coast Region, OR/WA Coastal Office  
1201 NE Lloyd Blvd, Suite 1100  
Portland OR 97232

Office:  
503.231.6267

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

From: Allen, Chris [mailto:chris\_allen@fws.gov]  
Sent: Thursday, April 21, 2016 8:04 AM  
To: Walker, Christopher NWP  
Cc: Ann Gray; Michael Hudson  
Subject: [EXTERNAL] Re: MFRs: 16WVP02 Willamette mainstem flow target (Salem), 16FRN01 flow decrease (UNCLASSIFIED)

Hi Chris,

The FWS does not object to the temporary flow modifications for the mainstem Willamette River or in the Long Tom River below Fern Ridge Dam. Thanks for the coordination. Our support for these modifications extends, as you've proposed, through the month of April.

Chris

**Final results**

Action implemented as coordinated.

Please email or call with questions or concerns.

Thank you,

Chris Walker  
NWP Operations Division Fishery Section  
503.808.4316  
[Christopher.E.Walker@usace.army.mil](mailto:Christopher.E.Walker@usace.army.mil)