

## MEMORANDUM FOR THE RECORD

**TITLE** – 17DET04 Minto Fish Facility Hoist Failure

**DATE** – 01 August 2017

**PROJECT** – Detroit/Big Cliff Dams, Minto Fish Facility

**RESPONSE DATE** – 15 August 2017

**Description of the problem**

On July 31, 2017, operators (ODFW) at the Minto Fish Facility were using a hoist to lift a hopper for loading fish into a truck for upstream transport. At approximately 1030 hours the hopper dropped damaging the fish transport truck. The hopper was brought to the hopper stand and a hose supplying freshwater was immediately placed to provide a water supply. Thereafter, approximately 51 adult spring Chinook salmon were netted and placed back into a raceway. Willamette Valley Project staff responded to troubleshoot the issue and it appears the hopper dropped under load due to a clutch/brake failure of the hoist, however, investigation and repair are ongoing.

**Type of change/outage required**

NA

**Impact on facility operation**

Fish were trapped in the hopper until they were netted and released into a raceway. The fish transport truck was damaged but is operational. The ability to move fish upstream has been maintained.



**Dates of impacts/repairs**

July 31, 2017

**Length of time for impacts/repairs**

It took approximately 20 minutes to net fish out of hopper and release back into a raceway.

**Expected impacts on fish**

There were approximately 51 adult spring Chinook that were netted and placed back into a raceway. No fish mortalities were observed.

**Comments from agencies**

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

From: Diana Dishman - NOAA Affiliate [mailto:diana.dishman@noaa.gov]

Sent: Tuesday, August 15, 2017 5:10 PM

To: Walker, Christopher E CIV USARMY USACE (US)

<Christopher.E.Walker@usace.army.mil>

Cc: Stephanie Burchfield - NOAA Federal

<stephanie.burchfield@noaa.gov>; Anne Mullan - NOAA Federal

<anne.mullan@noaa.gov>

Subject: [Non-DoD Source] Re: WFPOM: 17DET04 MFR Minto Fish Facility Hoist Failure

Hi Chris,

NMFS has reviewed this MFR and has no comments at this time.

Best,  
Diana

**Final results**

The ability to move fish upstream was maintained using the second hoist. Parts have been ordered to fix the broken hoist. Corps staff are looking into the installation of back-up brake system to prevent failure and improve safety. The ideal result would entail each hoist having two brakes.

Please email or call with questions or concerns.  
Thank you,

Chris Walker  
NWP Operations Division Fish Section  
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