CENWP-OD 26 September 2016

MEMORANDUM FOR THE RECORD

**COORDINATION TITLE** – 16CGR03 Cougar Fish Facility Pump Failure

**DATE** – 26 September 2016

**PROJECT** – Cougar Dam, Cougar Fish Facility

**RESPONSE DATE** – 11 October 2016

**Description of the problem**

On September 20, 2016, there was a pump failure at the Cougar Fish Facility. With the loss of this pump an adequate water supply could not be provided to support operations for spring Chinook salmon collection and transport efforts and the facility was shut down.

**Type of change/outage required**

NA

**Impact on facility operation**

The facility could not be operated until repairs were made.

**Dates of impacts/repairs**

September 20-26. Facility operations recommenced the morning of September 26.

**Length of time for repairs**

Approximately 5 days

**Expected impacts on fish**

Outplanting of spring Chinook salmon above Cougar Dam and recycling efforts that transport them downstream could not be done while the facility was offline. Further, the forced outage occurred at a time where ESA listed spring Chinook salmon were at peak spawning.

**Comments from agencies**

-----Original Message-----  
From: Stephanie Burchfield - NOAA Federal [mailto:stephanie.burchfield@noaa.gov]   
Sent: Wednesday, September 21, 2016 10:13 AM  
To: Walker, Christopher NWP <Christopher.E.Walker@usace.army.mil>  
Cc: Lance Kruzic - NOAA Federal <lance.kruzic@noaa.gov>; Allen, Chris <chris\_allen@fws.gov>; Jeffrey Ziller <jeffrey.s.ziller@state.or.us>; Taylor, Gregory A NWP <Gregory.A.Taylor@usace.army.mil>; Bernadette Graham Hudson <bernadette.n.graham-hudson@state.or.us>; Ann Gray <Ann\_E\_Gray@fws.gov>; Sharpe, Cameron <Cameron.Sharpe@oregonstate.edu>; Anne Mullan - NOAA Federal <Anne.Mullan@noaa.gov>; Turner, Daniel F NWP <Daniel.F.Turner@usace.army.mil>; Ed Meyer - NOAA Federal <ed.meyer@noaa.gov>; Jeffrey Brown - NOAA Federal <Jeffrey.Brown@noaa.gov>  
Subject: [EXTERNAL] Re: Cougar Fish Facility down

Chris,

Please provide us with an updated Cougar trap adult fish count, disposition, etc, as well as other data regarding fish spawning below the dam.

Thanks.

Stephanie Burchfield

Fisheries Biologist

NOAA Fisheries West Coast Region

U.S. Department of Commerce

1201 NE Lloyd Blvd, Suite 1100

Portland OR 97232

503-736-4720

On Wed, Sep 21, 2016 at 7:31 AM, Walker, Christopher NWP <Christopher.E.Walker@usace.army.mil <mailto:Christopher.E.Walker@usace.army.mil> > wrote:

FYSA,

The Cougar Fish Facility is down due to pump failure. No fish were lost, however, we all know spring Chinook are in or near peak spawning this time of year. We are hopeful we can return the facility to service by the end of the week.

More info to come and will keep you posted.

Chris Walker

U.S. Army Corps of Engineers

Operations Division

Fish Biologist

Willamette Fish Operations Coordinator

w: 503-808-4316 <tel:503-808-4316>

c: 503-887-6452 <tel:503-887-6452>

**Final results**

Please email or call with questions or concerns.

Thank you,

Chris Walker

NWP Operations Division Fish Section

503.808.4316

[Christopher.E.Walker@usace.army.mil](mailto:Christopher.E.Walker@usace.army.mil)