

**OFFICIAL COORDINATION REQUEST FOR  
NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE- 20BON07 MOC OWS Cleaning and Drill work**  
**COORDINATION DATE- 18 March 2020** (Original Coordination date 09 March)  
**PROJECT- BON**  
**RESPONSE DATE- 20 March**

**Description of the problem**

This proposed work is part of the new OWS (oil water separator) project at PH2. Once the new OWS is commissioned, the old OWS separator channel needs to be drained, sludge vacuumed out, and power washed. In order to install two new 6" surface valves, the contractor will have to drill through the road way. A weir inside the OWS will be removed using hand power tools, and depending on their condition, two valves inside the OWS may need replacing.

The old OWS is 182ft long, 16ft wide, with an operating water depth of 7.5ft. The bottom of the collection channel fishway is at -3', the water level elevation currently ~ 16', and the OWS channel hangs at 42' elevation over the collection channel. The road way, where the vacuum truck will be and the drilling is taking place is at 55'. Noise or vibration from the vacuum truck and power washing is not expected to reach the fishway significantly, but the noise/vibration from drilling and weir removal may. This work is expected to be done within 2 shifts (of 5). BON has requested that the contractor do the weir cutting and roadway drilling during the night shift, for up to 2 nights. Everything else we would like to allow during the day shift, so that the work can be finished faster overall.

**UPDATE 200318:** Due to a change in guidance on disposal of old OWS water, this work has been pushed back a week. The (possibly) contaminated water from the old OWS channel will now be run through the new OWS. The extra time is needed for operational testing and commissioning of the new OWS before it can operate. The rest of the work will carry on as coordinated, to include 2 night work shifts.

**Type of outage required**

**Impact on facility operation** (FPP deviations) – Work will be within 50' of the fish ladder (collection channel)

**Impact on unit priority** - None

**Impact on forebay/tailwater operation** - None

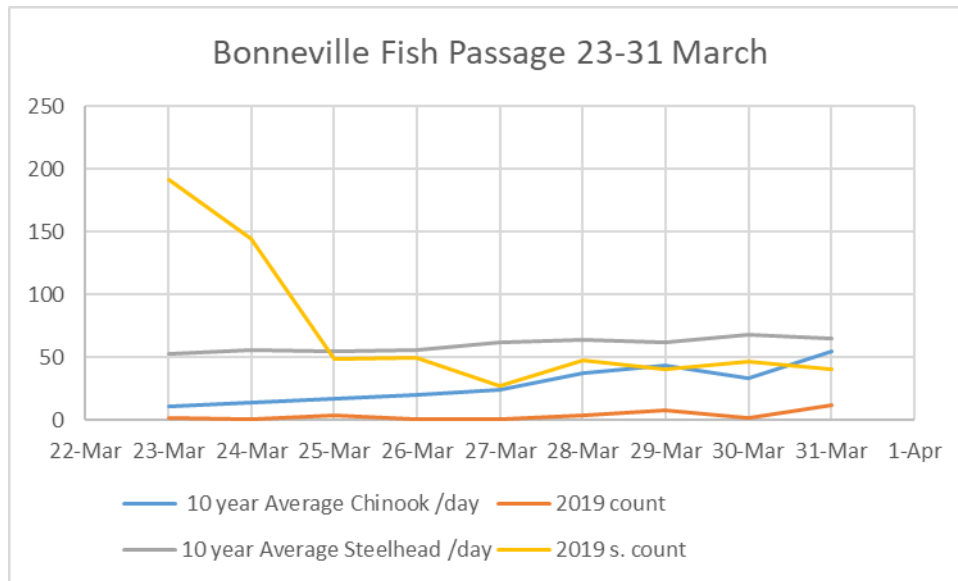
**Impact on spill** - None

### Dates of impacts/repairs - NEW DATES: 23-31 March

Originally coordinated for March 16-20 (weekday work only, a weekend falls during the first period)

Length of time for repairs – 7-9 days

### Analysis of potential impacts to fish



1. This year's run of Chinook is expected to be below average, this year's Steelhead run is expected to be average.
2. Downstream migrating juveniles will not be impacted by this work. Only those adults moving up the PH2 CC will be at risk of exposure.
3. Adults that encounter noise or vibration from this work may be turned away or delayed. If they fall out of the collection channel completely, then they can be exposed to sea lion predation. 10+ sea lions are expected to be present in the vicinity of Bonneville during the work period.

### Summary statement - expected impacts on:

**Downstream migrants - None**

**Upstream migrants (including Bull Trout) -** Any fish passing upstream through the PH2 Collection channel during this work may be subject to extra noise. The noise could startle them, turn them back, or delay passage. Steelhead will be the primary impacted species due to their numbers.

**Lamprey - None**

## Comments from agencies

**From the 200312 FPOM minutes** - The work will be next week for 5 days in shifts. The core drilling will be at night on the 18<sup>th</sup> & 19<sup>th</sup>. Lorz and Conder stressed that this type of work needs to happen in the in- water work period. FPOM concurred.

## Final coordination results – FPOM concurred with this action at the March 2020 FPOM meeting.

### After Action update - -----Original Message-----

From: Wood, Matthew A CIV USARMY CENWP (USA)  
Sent: Tuesday, March 31, 2020 2:27 PM  
To: Kovalchuk, Erin H CIV USARMY CENWP (US)  
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<Martha.C.Brandl@usace.army.mil>; Thompson, Benno J CIV USARMY CENWP (USA) <Benno.J.Thompson@usace.army.mil>  
Subject: RE: FPOM: Official Coordination UPDATE 20BON07 MOC PH2 OWS Cleaning and Valve Work (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Erin/Ben/Andrew/Tammy,

Thank you all for your support and communication with FPOM regarding the existing (and new) OWS work at Bonneville PH2.

We can report that work related to the existing OWS including cleaning, core drilling, weir removal, and valve/spool install has now been completed. The night work was completed last Thursday night for the core drilling and weir removal. Additionally, the new OWS has been placed into full service and partial sample results received thus far indicate the new OWS is operating well below the design criteria.

From now through COB this Thursday, the Contractor has a number of punchlist items to complete - none of which are significantly noisy or loud or heavy construction - but at least one of which is within 50 feet of the existing fish ladder. This particular item will be to paint pipe in the existing OWS - it's not heavy construction and so we'll have the Contractor complete ASAP. Punchlist items are primarily within the new OWS facility and are actively being completed right now.

Thanks again for your support and please reach out with questions or concerns.

Thank you,  
Matt

**Associated coordination – 19BON56, 19BON65, and 20BON01**

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

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