**OFFICIAL COORDINATION REQUEST FOR**

**NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE-** 24JDA19 – Request to Shift NFL Attraction Spill from Bay-2 to Bay-3 for 4-Days to Perform Required PMs.

**COORDINATION DATE-** 10/23/24

**PROJECT-** John Day Dam

**RESPONSE DATE- 11/14/2024**

**Description of the problem –** The John Day Project (JDA) is requesting to take spillbay-2 out of service (OOS) for 4-days in order to perform required preventive maintenance (PM) work. In order to perform the PMs, on spillbay-2, north fish ladder (NFL) attraction spill would be shifted from spillbay-2 to spillbay-3 (spillbay-1 is not used at JDA). The proposed work would occur from 18 November 2024 – 21 November 2024.

Spillbay-2 daytime attraction flows are scheduled to run through the end of November. Performing the required PMs in advance will reduce winter maintenance workloads allowing crews to focus on critical repairs in the ladders and Juvenile Bypass System (JBS).

Note: The scheduled daytime spill hours will be 0630-1700, the same schedule JDA works. Therefore, switching between spillbay-3 and spillbay-2 after each shift would be unnecessary.

**Type of outage required –** Spillbay-2 would be OOS for 4-days and spillbay-3 would serve as the attraction flow for the NFL.

**Impact on facility operation –** NFL attraction flows would come from spillbay-3 instead of spillbay-2. No other impacts to facility operation are foreseen.

**Dates of impacts/repairs –** 18 November 2024 – 21 November 2024

**Length of time for repairs** – 4-days

**Analysis of potential impacts to fish-** Attraction flows for the NFL will come from spillbay-3 instead of spillbay-2.

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**Summary statement – expected impacts on:**

 **Downstream migrants:** The same volume of spill will occur, and the spill origin is in the same general proximity. Little if any impact is expected for downstream migrants.

**Upstream migrants (including Bull Trout):**

Note: JDA fish counts typically end annually on 31 October. The proposed work would occur after that typical fish count window. There are year-round counts performed every 5-years. Therefore, in lieu of 10-year averages the “upstream migrants” section will focus on the years 2023, 2018, and 2013. The most recent year-round counts.

Between years 2023, 2018, and 2013 (18 November – 22 November), there were no sockeye, chum, pink, or bull trout passing JDA. On average, there were: 8-Chinook, 14-steelhead, and 1-coho that passed the NFL daily (See Figure 1).

**Lamprey:** .Between years 2023, 2018, and 2013 (18 November – 22 November) there was 1-lamprey that passed. It was in 2013 and it used the NFL. Therefore, potential impacts to lamprey are minimal.

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| --- | --- | --- | --- | --- | --- |
| **Date** | **Chinook** | **Steelhead** | **Sockeye** | **Coho** | **Lamprey** |
| **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** |
| 11/18/2023 | 5 | 1 | 10 | 1 | 0 | 0 | 3 | 8 | 0 | 0 |
| 11/19/2023 | 0 | 1 | 6 | 4 | 0 | 0 | 8 | 1 | 0 | 0 |
| 11/20/2023 | 2 | 0 | 11 | 1 | 0 | 0 | 4 | -3 | 0 | 0 |
| 11/21/2023 | 4 | 0 | 7 | 2 | 0 | 0 | 17 | 3 | 0 | 0 |
| **Average** | **3** | **1** | **9** | **2** | **0** | **0** | **8** | **2** | **0** | **0** |
|   |   |   |   |   |   |   |   |   |   |   |
| **Date** | **Chinook** | **Steelhead** | **Sockeye** | **Coho** | **Lamprey** |
| **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** |
| 11/18/2018 | 18 | 4 | 9 | 2 | 0 | 0 | 5 | 0 | 0 | 0 |
| 11/19/2018 | 7 | 7 | 9 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |
| 11/20/2018 | 2 | 9 | 8 | 2 | 0 | 0 | 2 | 2 | 0 | 0 |
| 11/21/2018 | 4 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Average** | **8** | **7** | **8** | **2** | **0** | **0** | **2** | **1** | **0** | **0** |
|   |   |   |   |   |   |   |   |   |   |   |
| **Date** | **Chinook** | **Steelhead** | **Sockeye** | **Coho** | **Lamprey** |
| **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** |
| 11/18/2013 | 17 | 20 | 27 | 17 | 0 | 0 | 3 | -1 | 1 | 0 |
| 11/19/2013 | 11 | 6 | 28 | 9 | 0 | 0 | 2 | 1 | 0 | 0 |
| 11/20/2013 | 12 | 3 | 43 | 14 | 0 | 0 | 1 | 2 | 0 | 0 |
| 11/21/2013 | 4 | 9 | 243 | 112 | 0 | 0 | 2 | 3 | 0 | 0 |
| **Average** | **11** | **10** | **85** | **38** | **0** | **0** | **2** | **1** | **0** | **0** |
|   |   |   |   |   |   |   |   |   |   |   |
|   | **Chinook** | **Steelhead** | **Sockeye** | **Coho** | **Lamprey** |
|   | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** | **SFL** | **NFL** |
| **Total Average** | 7 | 6 | 34 | 14 | 0 | 0 | 4 | 1 | 0 | 0 |
|  |

Figure 1: Daily counts at JDA for both fish ladders. The count days shown reflect the proposed outage window of 18 November – 21 November. Since fish counting typically ends on 31 October, the year-round count years were used. These year-round counts occur every 5-years (2013, 2018, and 2023).

**Comments from agencies**

**Final coordination results**

Please email or call with questions or concerns.

Thank you,

David Miller

Chief of Fisheries

John Day Dam

David.l.miller@usace.army.mil

541-739-1063