**BONNEVILLE FLOATING ORIFICE GATE BULHEADS PROJECT**

1. **PROJECT INFORMATION**

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| **P2 Identifier** | 466128 |
| **Project Manager (PM)** | James Adams (NWP, 503-808-4742) |
| **Technical Lead (TL)** | Sarah Knowles (NWP, 503-808-4980) |

1. **PURPOSE**

The purpose of this project is to complete a set of plans and specifications to award a supply contract for the purpose of fabricating and delivering 8 additional floating orifice gage bulkheads to the Bonneville Project.

1. **BACKGROUND**

The floating orifice gate (FOG) bulkheads are used to isolate the Powerhouse 2 adult fishway collection channel from tailwater. Prior to 2016, there were 12 FOGs across the downstream face of the dam that were open to allow adult fish to enter the collection channel. Sea lions discovered the ability to jump over the FOGs and get into the fishway. Regional fish managers decided to eliminate this risk by closing 4 of the 12 FOGs with bulkheads and fabricating barriers for the remaining bulkheads that were left open. This resulted in Bonneville using all of their spare bulkheads. Without these spares the dewatering of the adult fishway for maintenance cannot occur. To allow the project the ability to prevent sea lions from entering the fishway and conduct routine maintenance of the fishway, the fabrication of 8 additional bulkheads is necessary.

1. **STATUS & ISSUES**

* The Project Delivery Team (PDT) has completed the contracting plans and specifications. NWP Contracting staff is currently preparing the contracting package for solicitation. Anticipate issuing the contract solicitation by 3 November 2017. Contract award is anticipated to occur by end of January 2018.

1. **SCHEDULE & COST**

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| **YEAR** | **COST** | **MAJOR ACTIVITIES** |
| **FY17 Obligations** | $52,643 | Complete the Plans and Specifications for a Supply Contract solicitation. |
| **FY18**  **PBUD** | $50,000 | Project has been deferred to FY19 pending availability of FY18 funds. IN FY19, contract will be issued and contractor will deliver the remaining floating orifice gate bulkheads. Bonneville Project staff will inspect the delivered gates and perform a deployment of the remaining gates to ensure they have been fabricated successfully. |

1. **PHOTOS & DRAWINGS**