**USACE Portland District (NWP) FFDRWG Update Form**
**June 8, 2016**

**PROJECT INFORMATION**

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| Project Title | Lamprey Minor Fishway Modifications |
| SCT Reference Number |  |
| Project Manager (PM) | Mike Turaski (NWP, 503-808-4704) |
| Technical Lead (TL) Minor Modifications | Sarah Knowles (NWP, 503-808-4980) |
| Biologist/Coordination | Ricardo Walker (NWP, 503-808-4709) |

**PROJECT DESCRIPTION**

The scope of this project includes relatively small-scale modifications to adult fish ladders to improve lamprey passage conditions at Bonneville, The Dalles, and John Day Dams. Examples of such modifications include floor diffuser plating, rounding corners, and modifications to entrance weir crests. This is a multi-year, phased project. Generally, the PDT will focus on modifying a single ladder per year:

* The Dalles (TDA) East Ladder: Lower ladder diffuser plating (IWW period 2013-2014); Entrance weir improvements (2017-2018).
* TDA North Ladder: Lower ladder diffuser plating/ramping and entrance weir improvements (2017-2018).
* John Day (JDA) South Ladder: Lower ladder diffuser plating (2013-2014); Entrance weir improvements (2016-2017), rounding corners and modify wall diffuser to exclude lamprey near SE1 in lower fishway (2016-2017).
* Bonneville (BON) WA Shore Ladder: Lower ladder diffuser plating and entrance weir improvements (2014-2015)
* BON Bradford Island Ladder: Lower ladder ramps or lamprey plating (TBD), entrance weir improvements, and serpentine weir modifications (2015-2016)
* Other modifications, as identified and prioritized (through 2018).

**SCHEDULE, PROGRESS, AND KEY ISSUES (List)**

1. The Washington shore minor modifications are scheduled to be completed during the following 16/17 winter maintenance period.
2. Video monitoring equipment will also be installed during the 16/17 winter maintenance period to monitor orifice and rest boxes for salmonid interactions.
3. Scoping for Bradford Island minor modifications has recently kicked off and as design ideas and schedule start to be penciled out they will be presented to the group for review. Award June/July 17
4. Weir cap modification plan.

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| Weir Caps | Design | Fabrication | Current Schedule for Installation | Earliest Possible Installation  |
| BON WA Shore | Complete | Complete | 2016-17 (FY17) | 2016-17 (FY17) |
| BON Bradford Isl (part 1; 2 weirs) | FY16 | FY17 | 2017-18 (FY18) | 2017-18 (FY18) |
| BON Bradford Isl (part 2; 2 weirs) | FY16 | FY17 | 2019-20 (FY20; post CRFM) | 2019-20 (FY20; post CRFM)Not possible to dewater both entrances in single IWW period |
| JDA South (3 weirs + ramp) | TBD based on FY17 fund availability. Fabricate in FY17 would enable FY18 install. | 2018-19 (FY19, post CRFM) | 2017-18 (FY18) |
| TDA East, west and south entrances (5 weirs) | 2018-19 (FY19, post CRFM) | 2017-18 (FY18) |
| TDA East, east entrance (3 weirs) | 2018-19 (FY19, post CRFM) | 2018-19 (FY19, post CRFM)Conflict w AWS work in FY18 |
| TDA North (1 weir) | 2018-19 (FY19, post CRFM) | 2017-18 (FY18) |

**FFDRWG REVIEW NEEDED AT MEETING? (If YES, list discussion topics below)**

No.