

USACE Portland District (NWP) FFDRWG Update Form
March 14, 2016

PROJECT INFORMATION

Project Title	John Day Dam North Adult Ladder PIT Tag Antenna Installation
SCT Reference Number	
Project Manager (PM)	Tim Kuhn(NWP, 503-808-4752)
Technical Lead (TL)	Jay Dallas (NWP, 503-808-4959)
Biologist/Coordination	Ricardo Walker (NWP, 503-808-4709)

PROJECT DESCRIPTION

The FCRPS Adaptive Management Implementation Plan and 2010 FCRPS Supplemental BiOP required the Corps to initiate a study in 2011 to determine cost-effective designs for adult PIT detection systems at TDA and JDA. By April 2013, in consultation with NOAA, the Corps was to determine whether installation of adult PIT detection at these dams would substantially improve inter-dam estimates of adult fish losses. An adult PIT detection system was installed at TDA in 2014; provision of PIT detection at JDA was put on hold, pending further analysis. In May 2015, the Corps concurred with NOAA that PIT detection at JDA ladders would facilitate development of more accurate estimates of adult salmonid survival through the FCRPS. The Pacific States Marine Fisheries Commission (PSMFS, contracted by BPA) has developed plans for PIT installation in the JDA north and south fish ladders. The purpose of this project is to provide the technical review and infrastructure necessary to facilitate installation, operation, and maintenance of PIT detection systems in both fish ladders.

Project Objectives:

The objectives of the project are to 1) Assess potential effects of proposed PSMFC PIT detection system on existing fish ladders and associated facilities; 2) Collaborate with PSMFC on modifications to PIT detection system design, as needed; 3) Construct infrastructure (fishway modifications, electrical requirements, electronics room or building) to support PIT detection system installation by PSMFC and/or their contractors.

Project Scope:

The project scope includes 1) Review of a proposed PIT detection system design; 2) design and construction of infrastructure required for the PIT detection system. Formal design documentation (DDR) and Plans and Specs may be included, if deemed necessary following initial scoping by the PDT.

CURRENT SCHEDULE

Drawings will be sent out for regional review throughout the process.

- 60 % DDR mid May
- Transfer over to small projects for plans and specs
- Target installation IWWP 16/17 while ladder is dewatered

PROGRESS AND KEY ISSUES (List)

Initial plan was to install PIT antennas at weirs 248 and 247 directly below the counting window in the north fish ladder.

It has been proposed by (NOAA) that they be moved down and installed at weirs 247 and 246 instead (this is the current plan)

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

NO

John Day North Preferred Location Weir Numbers 2?? and 2??







