

USACE Portland District (NWP) FFDRWG Update Form
June 1, 2017

PROJECT INFORMATION

Project Title	Bonneville Second Powerhouse Fish Guidance Efficiency
SCT Reference Number	
Project Manager (PM)	George Medina (NWP, 503-808-4753)
Technical Lead (TL)	Sarah Knowles (NWP, 360-535-9321)
Biologist/Coordination	Jon Rerecich (NWP, 503-808-4779)

PROJECT DESCRIPTION

This project consists of improving juvenile salmon survival in the gatewells at the Bonneville Dam second powerhouse. Biological testing in 2008, 2009 and 2013 showed elevated mortality for juvenile salmon in the gatewells when the units are operating at the upper end of the peak efficiency range (>15 kcfs). Evidence suggests that undesirable flow conditions develop within the gatewells at the high unit flows causing the increase in mortality.

CURRENT SCHEDULE

March 30, 2017	Post construction evaluation	✓
April 10, 2017	Start spring data collection	✓
May, 31, 2017	Conclude spring data collection	✓
June 1, 2017	Start summer data collection	✓
July 15, 2017	Conclude summer data collection	
October 31, 2017	Interim Report	
December 2017	Present at AFEP	



Figure 1 - VBS seal downstream side of VBS



Figure 2 - VBS seal gatewell side

PROGRESS AND KEY ISSUES (List)

None. On schedule.

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

No.