

THE DALLES AWS BACKUP DEBRIS MANAGEMENT DDR AND P&S

FFDRWG INITIAL DDR UPDATE MEETING

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BACKGROUND:

Two Fish Units

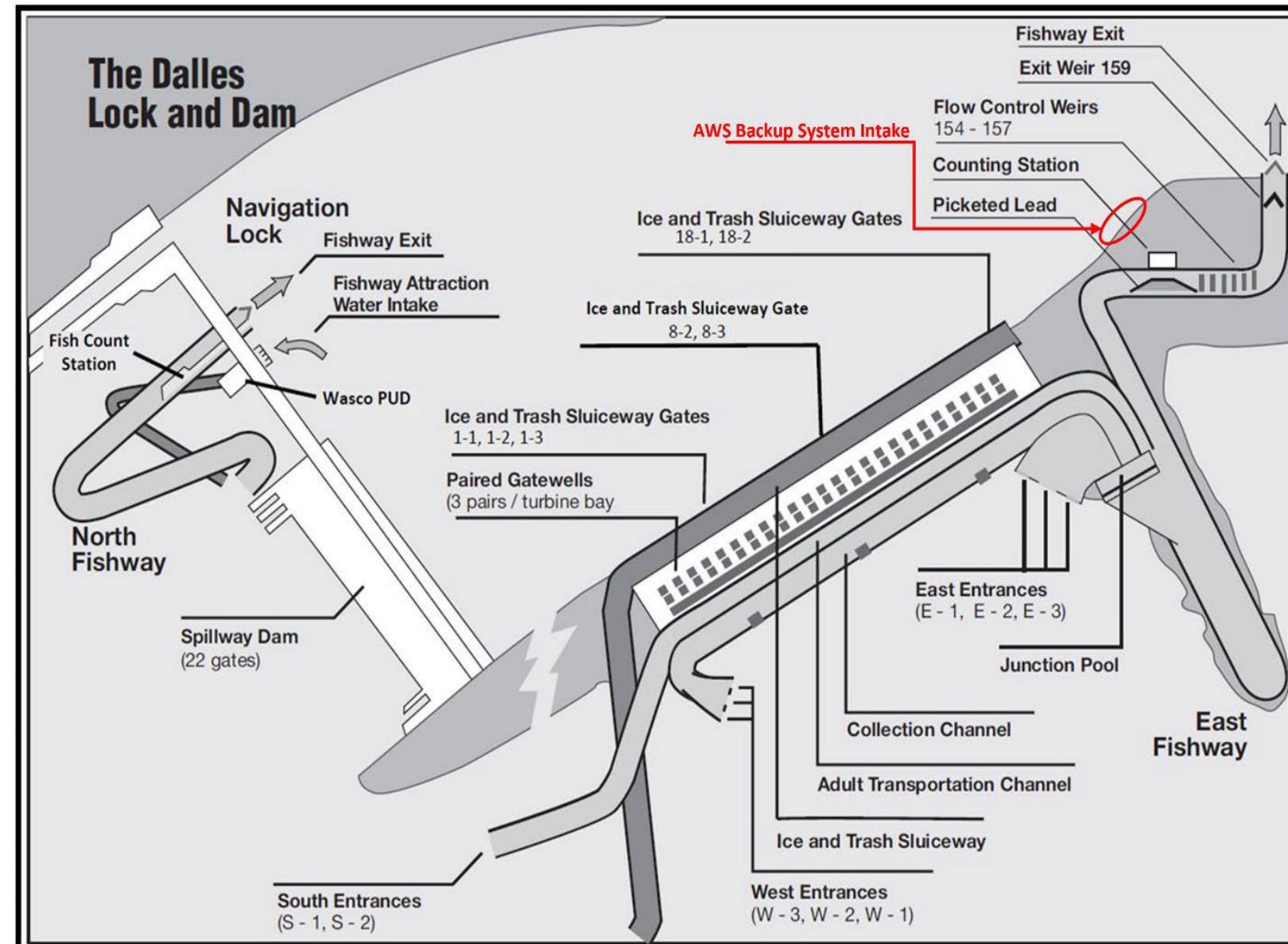
- supply 5000 cfs total.
- The AWS supplies water to the east, west, and south fish ladders entrances of the East Fishway.

The AWS Backup System (AWSBS)

- Flow range: 1400-1600 cfs
- Assures east entrances operate at FPP criteria.
- *Single FU Outage*
 - South & west entrances at less optimal flow.
- *Double FU Outage*
 - South & west entrances closed.

Fish Unit Rehabilitation

- Requires the backup system to operate during the rehab.
- 1 unit/year for total of 2 years.





PROJECT PURPOSE & MILESTONE STATUS

Project Purpose

The Dalles AWS Backup Debris Management project is to provide an alternative for removing debris from the trash racks of the Auxiliary Water Backup System (AWSBS) inlet.

Pre-Construction Milestone Schedule

Milestone	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Project Award	★									
50% P&S +DDR		—	—	—						
FFDRWG Review #1				23DEC	—	20JAN				
90% P&S +DDR				—	—	—				
FFDRWG Review #2							24MAR	—	21APR	
90% Backcheck P&S + DDR								—		
FFDRWG Backcheck Communication									~28MAY	
DDR & P&S Complete										27JUN



Complete



Project Development



FFDRWG Reviews



PREFERRED ALTERNATIVES 90% EDR

In addition to cycling the valves:

- Alternative 4-1: Floating debris boom
- Alternative 11: Hoisted brush system using the existing trash racks
- Alternative ME-1: Level sensors connected to SCADA

DDR CHANGES

Removed floating debris boom per Tom's recommendation.



NEXT STEPS

Projected Timeline

Phase	FY25				FY 26				FY 27				FY 28				FY32
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
DDR and P&S																	
Construction Contract Advertise to Award																	
Construction																	
<i>Fish Unit Rehab</i>																	Phase 1 Start Templated

- Construction timeline could be longer if parts fabrication requires long lead times.
- Construction will be complete well before the Fish Unit Rehabilitation Project is scheduled to start Phase 2 Construction.



QUESTIONS/COMMENTS?

