

Yakima River Basin Integrated Water Resource Management Plan

**Early Action Items
Status / Update
June 20, 2012**

Early Action Items

Prepared for Discussion at the March 14, 2012, Workgroup Meeting

Yakima River Basin Integrated Water Resource Management Plan Early Action Items Funding Status			
Integrated Plan Actions/Projects	Total Estimated Cost (million \$)	Early Action Items (1-2 years) (\$)	Early Action Funding Status (\$)
Tributary Habitat Enhancement Program	\$180.0	\$2,600,000	\$225,000 ¹
Fish Passage at Clear Lake Dam	\$3.0	\$400,000	
Subordinate Power Diversions, Roza & Chandler	TBD	\$500,000	\$225,000 ²
Fish Passage at Cle Elum Lake Dam	\$87.6	\$2,600,000	\$700,000 ³
Cle Elum Dam Pool Raise	\$16.8	\$2,000,000	
Watershed Land Conservation - Land Acquisition	TBD	\$2,000,000	\$500,000 ¹
Wymer Dam & Reservoir	\$1,077	\$3,000,000	
Bumping Lake Enlargement	\$402.5	\$1,200,000	\$1,250,000 ¹
Pipeline from Lake Keechelus to Lake Kachess	\$190.7	\$3,500,000	\$2,500,000 ¹
Lake Kachess Inactive Storage	\$253.8	\$1,500,000	\$450,000 ²
Groundwater Infiltration (Pilot project)	\$4.7	\$1,600,000	\$200,000 ¹
TOTAL		\$20,900,000	\$6,050,000⁴

¹ Washington State-funded

² Funded by Tribe, Reclamation, USGS, and irrigation districts

³ Reclamation-funded

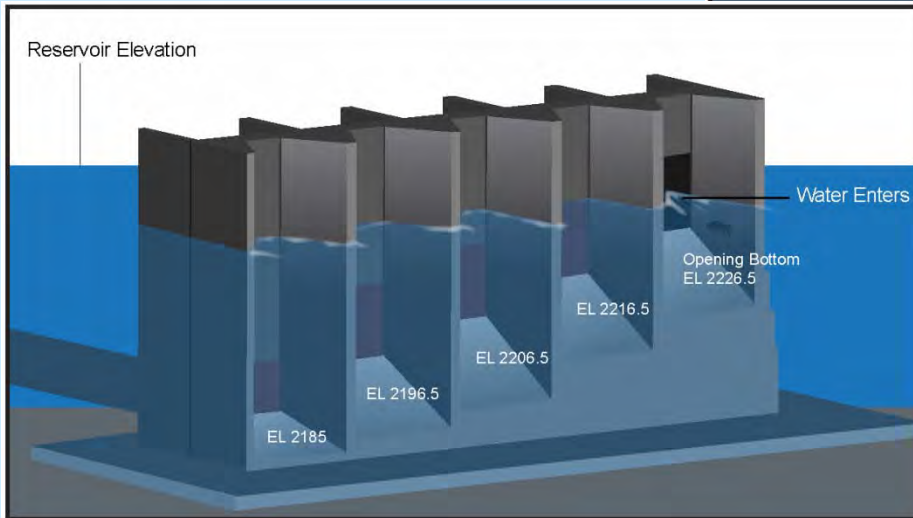
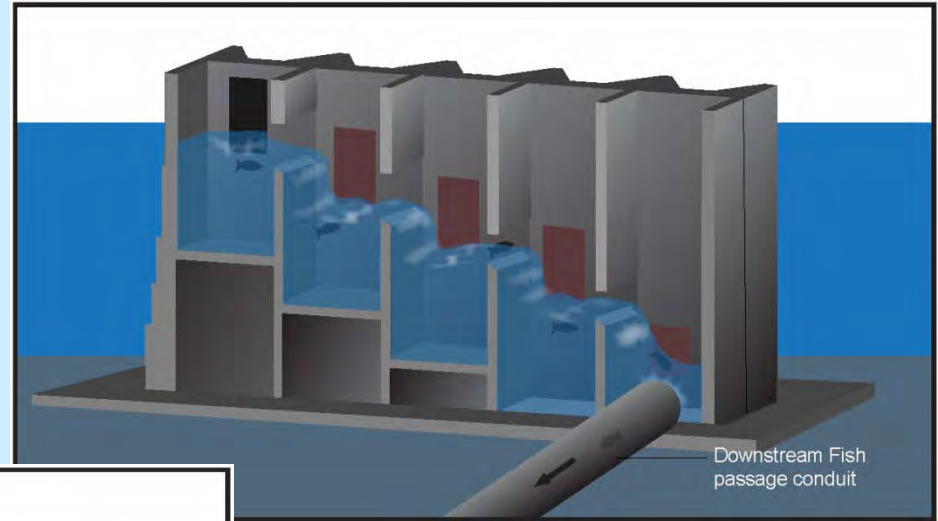
⁴ This total does not include the additional State contribution to the Integrated Plan Programmatic EIS and Framework for Implementation document of \$1.88 million.

Status

- **Reclamation Funding – Approx. \$2M**
 - Cle Elum Fish Passage - \$700K, Physical Model / Cultural
 - Lake Kachess Water Supply Study - \$450K
- **Washington State Department of Ecology Funding – Approx. \$4M**
- **Summary of Authorities**
- **Federal Workgroup – Washington D.C. Offices**
 - Reclamation, USFWS, NOAA, BLM, BIA, USGS, USFS, Others?

Cle Elum Fish Passage Facility Multilevel Intake Structure

Interior View



Front Elevation

Cle Elum Fish Passage Facility Multilevel Intake Structure

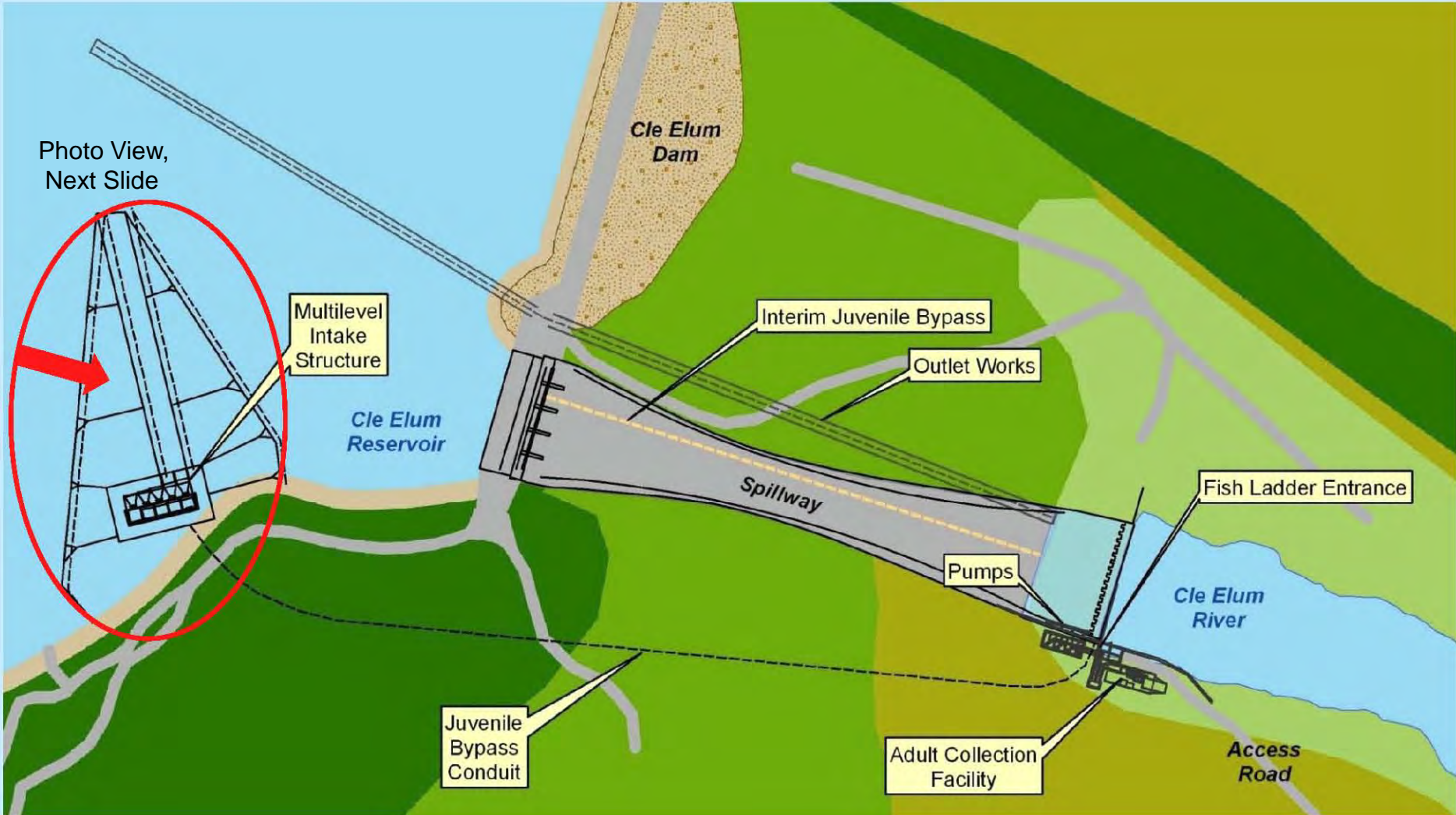


Physical Hydraulic Model at Denver TSC, June 15, 2012

Cle Elum Fish Passage Facility Multilevel Intake Structure



Cle Elum Fish Passage Facility Preferred Alternative



Cle Elum Fish Passage Facility Downstream Topography Installation



Physical Hydraulic Model at Denver TSC, June 15, 2012

Cle Elum Fish Passage Facility Multilevel Intake Structure

