

Project Narrative- Centralia Hydro Fish Trap

This project includes construction of an adult salmon trap within the existing fish ladder at Centralia diversion dam. Aluminum frame trap with pickets; two gates will block passage up the fish ladder, directing fish into the trap area; floor that lifts ~5' to allow staff to capture the fish and put them into a cable lift system to move fish to an unwallled, roofed 17'x14' sorting facility on a cement slab; stairs connecting the trap area to the sorting facility; sorting area includes fish troughs for handling, enumerating, scientific sampling, and tagging; return pipes back to the fish ladder for returning fish upstream.

A previously disturbed area will be graveled to allow for access and parking for up to 6 vehicles. A temporary job trailer will be placed on the site above the 100-year floodplain. A portable toilet will also be added above the 100-year floodplain.

Within the existing trap and ladder footprint, grated walkways and platform for lift hydraulics will be added. A screen suction intake will be placed to supply water via pump to the facility. A return pipe will allow water to return to the ladder. A bypass pipe will also be installed near the lower end of the trap. New slide gates will be installed in the existing guides.

THURSTON COUNTY
RECEIVED

MAR 03 2021

BUILDING DEVELOPMENT CENTER