

Project:	Chelan Tailrace Pump Station
Location:	Washington, USA
Product:	Screens and AirBurst

CHELAN TAILRACE PUMP STATION

The site is located near the confluence of the Chelan and Columbia Rivers, approximately 40 miles north of Wenatchee, WA. As a part of a larger project to restore year-round flow to the river (which had been absent since the 1920s), five Elgin intake screens and an AirBurst with five burst valves were installed in the dam tailrace. This helped increase flow and safely pass fish downstream. Elgin's system included level sensing, differential pressure sensing, and a large five-valve manifold system all custom built to fit within a prefabricated building.

Elgin's equipment included:

- Five 60" Tee Screens, coated with Jacquelyn™ corrosion and biofouling resistant coating
- AirBurst system with an 15 HP air compressor and a 1060 gallon burst tank, control valves, supplemental tank for control air, and additional air handling equipment

