



EXCELLENCE

INTEGRITY

SERVICE

## Cowlitz Salmon Hatchery Remodel

## INDUSTRIAL DIVISION

**Firms Role:** General Contractor**Location:** Salkum, Washington**Project Owner/Engineer:**  
City of Tacoma**Start Date:** June 2008**Completion Date:** January 2010**Description of Work:**

The existing Cowlitz Salmon Hatchery consists of a fish barrier across the Cowlitz River, fish ladder, transportation channel, fish separation facilities, thirty six ponds, eighteen early rearing kettles, river water pumping plant, well water supply, pollution abatement ponds, residences, and hatchery building with visitor facility. JWF will be responsible for building a new feed storage building and residence area, a visitor's center and fish handling facility, and a remodel of the early rearing building, raceway and separator. The feed storage system will also be altered in a move towards automated feeding. A new one-story building with offices, a visitor's center and spawning room will be built to overlook the new adult fish-handling facility. Twelve-inch transfer tubes will run down a hill to drop fish into the holding ponds and raceways. The adult fish handling facility will offer isolation between adults and juveniles, which will help prevent the spread of diseases and keep down stress levels among fish. It will also be closer to the incubation area, with a larger pond and better water circulation for better operational efficiency for handling the adult fish.

