



# Arcata

## *Fish And Aquatic Conservation Program*

### Station Facts

- One of several programs within the Arcata Fish and Wildlife Office
- Established as the Arcata Fisheries Assistance Office in 1977
- Annual budget of \$2.3 - 3.0 million
- Staff of 16-20 full time employees
- Expertise in statistics, population modeling, instream flow assessment, water quality monitoring, marine and estuary applied research, database management, fish diseases, and remote video escapement monitoring
- Program priorities include Tribal Trust responsibilities, Aquatic Habitat Restoration, Fish Health Studies, Long-Term Trend Monitoring, and Decision Support Tools

### Contact Information

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### Who We Are

The U.S. Fish and Wildlife Service Fish & Aquatic Conservation (FAC) program provides a broad network of on-the-ground expertise that is unique in its geographic coverage, its array of scientific capabilities, and its ability to work strategically, across political and jurisdictional boundaries.

### How We Help

We work with states, tribes, other federal agencies, non-governmental organizations, and other Service programs to develop conservation strategies for aquatic resources, with an emphasis on anadromous fishes. Our efforts include collaborating with our agency and tribal partners to design and conduct scientific investigations intended to guide and evaluate the success of aquatic habitat restoration projects and to develop decision support tools to help managers in making informed decisions.

### Tribal Trust Responsibilities

We were established to fulfill trust responsibilities to Klamath Basin Tribes relating to restoration of depleted inter-jurisdictional fisheries. Specific roles of the program have evolved over the years, but a major focus continues to revolve around meeting the Service's trust responsibilities to tribes.



Crews checking a rotary screw trap for juvenile salmonid outmigrants on the Klamath River.

### Current Projects

- Co-Lead Trinity River Restoration Program
- Regional Lead for the Pacific Lamprey Conservation Initiative
- Regional Lead for the Pacific Marine Estuarine Partnership
- Regional Lead for the California Fish Passage Forum
- Juvenile Salmonid Outmigration Studies
- Adult Salmon Spawner Surveys
- Development of the Stream Salmonid Simulator (S3) Fish Production Model
- Development of Klamath Basin Water Temperature Model
- Fish Disease Monitoring and Modelling
- Klamath Basin Fish Habitat Assessments
- Development of 2-D Hydrodynamic Models
- Trinity Juvenile Fish Density Study



Trinity River Salmon Spawning Surveys

