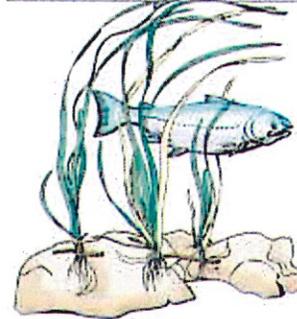


Chris Fairbanks

Fairbanks Environmental Services, Inc.
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Fairbanks Environmental



Education

M.S. in Marine and Estuarine Science,
Western Washington University, 1992.
B.S. in Biological Science, University of Alaska, 1978.
Master 100-ton Near Coastal Waters; US Coast Guard MMC

SUMMARY OF EXPERIENCE

Mr. Fairbanks has over twenty years of experience as a consultant in marine and estuarine sciences assisting clients with the assessment of natural resources and preparing documents for the regulatory permitting process. The focus of his work is the assessment of nearshore habitat, eelgrass meadows, submerged aquatic vegetation and salmon restoration. He has also conducted marine mammal observation, surveys for forage fish spawning, geoduck clam populations throughout the Puget Sound region. Mr. Fairbanks has been prepared several Biological Assessments to determine project impacts on fish, wildlife and plants listed under the Endangered Species Act. He has been called as an expert witness on the effects of shoreline development on the forage fish spawning, eelgrass and macroalgae communities in San Juan and Whatcom counties.

Mr. Fairbanks has conducted eelgrass and macroalgae surveys since 1992. These studies include mapping eelgrass beds for the Naval Air Station Whidbey Island, Washington State Department of Transportation many private clients throughout the Puget Sound. These surveys are completed using a boat-towed underwater video camera interfaced with a GPS receiver to accurately locate the margins of eelgrass beds and with SCUBA diving to document the density of the eelgrass beds. Mr. Fairbanks has also conducted several population studies of geoduck and hardshell clams for submarine power and fiber optic cable projects. Mr. Fairbanks has also developed mitigation plans for impacts to the marine environments caused by implementation of these various projects

Mr. Fairbanks has been a commercial fisherman since 1982. He has fished in Alaska, California and Washington for salmon, herring, halibut, cod and crab and hold a US Coast Guard Merchant Marine Credentials for a Master of a 100-ton vessel in Near Coastal Waters.

EXHIBIT 25

RECENT PROJECT EXPERIENCE

Marine Studies

Marine mammal observation (2010 - 2011) Fairbanks assisted Northwest Environmental Consulting LLC as a marine mammal observer during the construction of the Seattle Great Wheel project.

Log Pond Eelgrass Seeding (2005 – 2012) The Port of Bellingham, working with The Bellingham Bay Demonstration Pilot Action Team, contracted Fairbanks to develop an eelgrass seeding program to restore a meadow of native eelgrass in a former log-storage pond. The log pond had been remediated and capped with clean sediment that was appropriate material for establishing an eelgrass meadow. Fairbanks prepared all permit documents and developed a program to use volunteer citizen-scientists to harvest ripe eelgrass seed that were sowed into the log pond. The Project has been successful; an eelgrass meadow has been established in a former industrial site.

Boulevard Park Shoreline Improvements (2012-2017) Fairbanks teamed with Coastal Geologic Services and Wilson Engineering to assist with planning and permitting of shoreline improvements for the City of Bellingham's Boulevard Park. Fairbanks conducted an eelgrass and nearshore habitat survey prepared permit documents including SEPA, Critical Area Ordinance (CAO), Joint Aquatic Resources Permit Application (JARPA), and Biological Assessment. The shoreline enhancement features were implemented and annual monitoring of the eelgrass bed is being done.

Bellingham Bay Forage Fish Assessment (2014-2016) Fairbanks teamed with Dan Pentilla, Salish Sea Biological, to identify potential spawning beaches around the inner Bellingham Bay and to conduct bi-monthly surveys for 2 years to document presence or absence of forage fish spawning and to determine the periodicity when spawning occurs. This project was coordinated through the Port of Bellingham, working with The Bellingham Bay Demonstration Pilot Action Team.

Sea Breeze International Transmission System (2005) Fairbanks is subcontracted with Ecology and Environment, Inc. to complete marine related studies including eelgrass surveys for permitting a proposed submarine power cable between Victoria BC and Port Angeles WA. Fairbanks has completed marine resource assessments, eelgrass and nearshore habitat assessments and has written sections of the EIS and completed the Biological Assessment.

B.C. Hydro; Pt Roberts Eelgrass Habitat Survey (2004) Fairbanks assessed and mapped the eelgrass bed at Point Roberts within BC Hydro's right of way as part of the permitting studies for replacing their power transmission cables. Mapping was completed by using a GPS receiver to record location and the data was directly downloaded into GIS format to produce accurate maps.

Whatcom County Cherry Point Submerged Aquatic Vegetation Mapping (2004) Whatcom County contracted Fairbanks to inventory and map the marine vegetation between Pt Whitehorn and Sandy Point. Subtidal vegetation was mapped using a boat towed video camera interfaced with a GPS receiver and intertidal vegetation was mapped during an extreme low tide event by Mr. Fairbanks and a GIS specialist walking the coastline. All data was post processed into GIS data for map production and comparison to data collected by WADNR in 1995.

La Conner Associates (2004) La Conner Associates LLC contracted Fairbanks to design and submit permit applications for the redevelopment of an industrial section of the City of La Conner waterfront. Fairbanks worked closely with state and federal agencies to develop a project design that met the client's needs and enhance the marine environment in Swinomish Channel.

Professional History

2003 – Present	Fairbanks Environmental Service, Inc. President, Marine and Fisheries biologist
1998 – 2003	Duke Engineering & Services. Bellingham, WA, Marine and Fisheries biologist.
1992 – 1998	Cascades Environmental Services Inc. Bellingham WA, Marine and Fisheries biologist, Water quality analyst
1993 – 1999	Marine Environmental Services Inc. Bellingham WA, President
1981 - Present	Commercial fisher

Registration and Professional Affiliation

SCUBA: PADI Advance open water diver
Physical Habitat Simulation Theory and Application
Principles of Electrofishing
US Coast Guard Merchant Marine Credentials: Master 100-ton Near Coastal Waters
American Fisheries Society
Pacific Estuarine Research Society

Community Service

Waterfront Advisory Group

- Member 2005 – 2007
- Chair 2007
- Public outreach and education
- Local shoreline planning and regulations

Chris Fairbanks was appointed as a member of the Waterfront Advisory Group by the Port of Bellingham in 2005 for a two year term and served as chair for one year. The group solicited public input and participated in several design charrettes that lead to the current conceptual design for the redevelopment of Bellingham's Waterfront District. During this time, the City of Bellingham was preparing an update to the Shoreline Master Program; Chris participated with soliciting public input thorough the WAG and the Whatcom County Marine Resources Committee.

Whatcom County Marine Resources Committee

- Member 2004-2012
- Chair 2008
- Scientific expertise
- Public outreach and education
- Local shoreline planning and regulations

Chris Fairbanks was appointed as a member of the Whatcom County Resources Committee to assist with his expertise in marine, fisheries and estuarine sciences. Chris has championed several restoration and enhancement project including the Chuckanut Village Marsh restoration, and Cherry Point Reach marine vegetation mapping projects. Through this committee, Chris has been involved in reviews and commenting on updates of the county and city shoreline regulations.