Radio tagging large wood in the Skagit River

Core Values

Communication. As a small firm, you will talk directly to the lead engineer, scientist, or GIS Specialist working on your project. Our clear communication will ensure that all your concerns are addressed.

Collaboration. We have connections to experts across the industry and regularly collaborate with other firms to give you the best possible solution.

Balance. By providing a diverse range of professional backgrounds, we provide a bigger look at environmental issues that incorporate all aspects impacted by a project.

Diversity. We partner with a diverse set of teams and provide innovative solutions for the future.

Integrity. We strive to deliver on a project's scope of work on time and within budget. Transparency is crucial.

Fun. We are passionate and committed to environmental stewardship. We play as hard as we work.

Team

We pride ourselves on our ability to respond to clients' needs with swift and clear communication. Our goal is to deliver sustainable and cost-effective results that leave our habitat, waterways, and you in a better position than when we began working together. You can count on us to work collaboratively with federal, state, county, city, tribal, and private stakeholders, using the best available science and our professional judgment to generate the best possible outcomes for you and the environment.

Testimonials

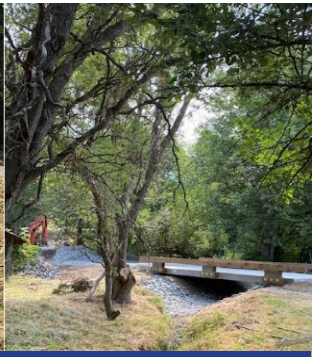
"We contracted with Fain Environmental to provide expertise and assess feasibility of a potential stream restoration project. Annika and her staff were able to work on a short schedule with a quick turnaround to produce an excellent stream restoration report. We enjoyed working with them and look forward to partnering with them again."

– **Ben Saari, Mid Sound Fisheries Enhancement Group**

"Annika is great to work with and is passionate about her work, knowledgeable, and a good communicator, thorough and timely with deliverables. In 2023, we plan to do 2 to 3 more fish passage projects with Fain Environmental."

– **Darrell Gray, Nooksack Salmon Enhancement Association (NSEA)**

Fain Environmental NW Fish Passage



Before ***After***

NSEA Project on a tributary to the Nooksack River

We provide responsive, cost-effective, and innovative hydrologic and geomorphic environmental consulting services from rivers to coasts. Our scientific and collaborative approaches will make your project a success.

Certifications

Certified Floodplain Manager (CFM), 08-03790
Small Contractor and Supplier Certification (SCS)
Certified Erosion Sediment Control Lead (CESCL)
Professional Civil Engineer (PE), WA, 20122775
Fish Passage and Stream Restoration Design (FPSRD)
Women Business Enterprise (WBE), W2F0024281
Disadvantaged Business Enterprise (DBE), D2F0024281

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Fain Environmental LLC

NW FISH PASSAGE

Highlighted Projects

Fish Passage Design Projects in Whatcom County: NSEA. Whatcom County, WA.

Fain Environmental performed a hydrologic, hydraulic, and geomorphic assessment of six existing undersized culverts on residential properties in Whatcom County. We developed a 1-D Hydrologic Engineering Center-River Analysis System (HEC-RAS) hydraulic model for existing culverts and proposed bridges. Our team designed six full span bridges to allow for fish passage. Additionally, we analyzed potential scour and clearance between the 100-year water level and proposed bridge.

Southwest and Olympic Region Fish Passage Culvert Projects: WSDOT, Lewis, Pacific, and Grays Harbor County, WA.

Fain Environmental performed geomorphic assessments for four culverts, three in the Southwest Region and one in the Olympic Region. We prepared the Watershed and Site Assessment of the Preliminary Hydraulic Design Reports. Our team worked closely with the design team to ensure fish passage was achieved. We provided information on grain size, determined the representative reference reach, and calculated the vertical and horizontal channel future profile.

Skagit Relicensing Project: Skagit River Geomorphic Assessment, Skagit and Whatcom County, WA.

Fain Environmental performed a geomorphic assessment of approximately 30 miles along the Skagit River, between the Gorge Dam and the Sauk River. We used historic air photos to identify the spatial distribution and variability of large wood over time. Fain Environmental is tracking large pieces of wood during storm events to determine distance and location of wood movement. Additionally, we are identifying where large wood augmentation would be most beneficial.

All fish passage project summaries available at: fainenv.com/fish-passage/

Additional services and project summaries available at: fainenv.com

Gee Creek Natural Infrastructure Project

Clients

Salmon Enhancement Groups: Skagit (SFEG), Pacific Coast (PCSC), Mid-Sound (MSFEG), South Puget Sound (SPSSEG), Nooksack (NSEA), Hood Canal (HCSEG)

Tribes: Port Gamble S'Klallam, Jamestown S'Klallam, Cowlitz Indian

Non-profits: Watershed Alliance, 10,000 Years Institute, Farmers Conservation Alliance

Federal: US Navy, FEMA

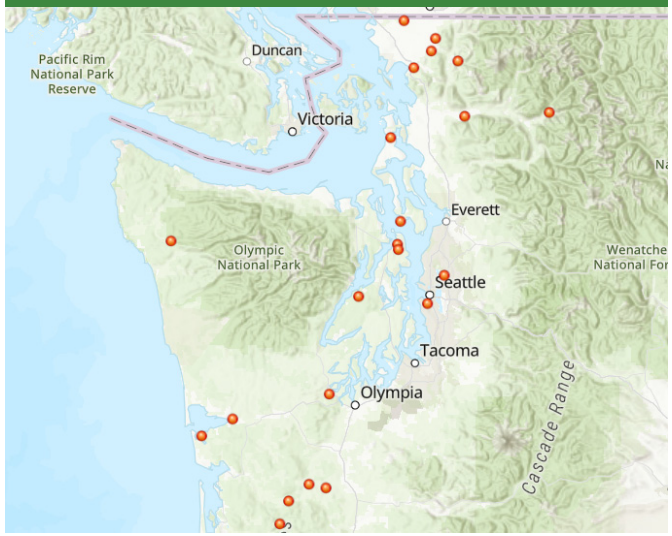
State: University of Washington, Puget Sound Partnership, Recreation and Conservation Office, Washington State Department of Transportation

Counties: King, Snohomish, Skagit, Pierce, Island

Cities: Kirkland, Seattle, Bellingham, Gig Harbor, Bellevue, Hamilton

Private: Residential, Construction Companies, Sudden Valley Community, Developers

Highlighted Projects in Puget Sound (orange dots)



Pebble Count on a tributary to the Skagit River

Services

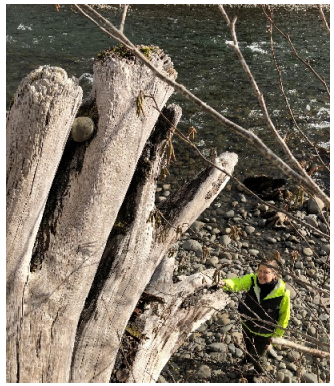
Ecosystem Restoration. We perform hydrology and geomorphology analysis and design for ecosystem restoration projects throughout the watershed.

Fish Passage. We provide cost-effective fish passage assessment and design to enable "shovel-ready" projects.

Geomorphic Assessment. We provide geomorphic assessment services that inform the design of ecosystem restoration and fish passage projects.

Water Resources. We perform water resource analysis for private landowners, public agencies, tribes, and industry.

Floodplain Management. We work closely with clients to solve issues related to flooding and mitigate impacts of development.



Geospatial Analysis. We display, compare, and analyze information in GIS throughout the watershed.