

Hydropower

Trinity Consultants is a leading global environmental consulting firm with 50 years of experience providing services and solutions in the Water & Ecology, EHS Regulatory Compliance, Built Environment, and Life Sciences markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across natural and built environments.

Trinity Consultants' Water & Ecology teams, Ecofish Research and Minnow Environmental, are recognized leaders in environmental assessment, permitting and monitoring offering key services to industry, all levels of government, not-for-profit organizations, and First Nations. Our teams have extensive experience gained from thousands of successful project engagements and a unique perspective gained by writing environmental guidelines on behalf of government. We provide proven complex problem-solving expertise to sectors including renewables, mining, ports and terminals, marine shipping, linear development, liquefied natural gas (LNG), ecological restoration, municipal wastewater, energy, and forestry.

Ecofish Research, a Trinity Consultants team, is a national leader in the hydropower industry with extensive experience in guiding regulators to improve the effectiveness of environmental assessment methods and compliance practices. We have authored landmark documents for the Canadian Electrical Association and the Department of Fisheries and Oceans Canada, publications that guide the industry on the key issues such as instream flows and compliance monitoring. We have provided strategic advice on permitting and technical services for over 150 projects, building a reputation as problem solvers who can be relied on to do the job right the first time.

Our team offers key environmental services to our hydropower clients, including fish passage design, instream flow assessment, water quality modelling and assessment, compliance and effectiveness monitoring, and mitigation and offsetting prescriptions. We represent our clients in stakeholder meetings, open houses, regulatory seminars, CEEA hearings, and serve as expert witnesses in court cases. Our breadth of project experience covers all types of hydropower projects (run-of-river, storage, pumped-storage, low and high head), from steep small streams in British Columbia to the world's largest rivers in Brazil.



Our Services

- ▶ Baseline Data Collection, Environmental Assessment, Permitting, and Mitigation
- ▶ Construction Environmental Management Planning and Monitoring
- ▶ Environmental Compliance and Effects Monitoring
- ▶ Water Resources Engineering
- ▶ Fish Passage
- ▶ Habitat Offset and Restoration
- ▶ Planning and Adaptive Management

For more information about our Hydropower services, contact us today!

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