

Aquatic Environmental Monitoring and Assessment

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

Minnow and Ecofish, both Trinity Consultants companies, are recognized leaders in environmental assessment and monitoring, offering key services to industry, government and First Nations. With extensive experience gained from hundreds of successful project assignments, and a unique perspective gained by writing environmental guidelines on behalf of government, we offer proven problem-solving expertise to the mining, energy, forestry, LNG, linear development, and ecological restoration sectors.

Environmental Impact Assessment (EIA)

We provide a broad range of services related to the aquatic portions of the Environmental Impact Assessment (EIA) and Environmental Impact Statement (EIS) process. From the design and implementation of conceptual models to predict project effects, identification of mechanisms of impact, and the development of strategies to manage and mitigate predicted effects, our team of Qualified Environmental Professionals (QEP) can help expedite the EIA process.

Environmental Assessment (EA)

Our team provides expert guidance and technical expertise for aquatic environmental assessment (EA) to achieve project approvals promptly and cost-effectively while meeting corporate Environmental, Social, and Governance (ESG) initiatives.

Baseline Studies

Our experts plan, design, and implement aquatic baseline studies considering how the data can be collected to optimally suit the requirements of environmental assessment, permitting, and future monitoring programs, expediting project approvals and adding value for our clients.

Biological and Ecological Studies

We provide a full range of biological and ecological services related to aquatic monitoring, inventory, and assessment. Whether designing or executing studies regarding algae, aquatic plants, zooplankton, benthic invertebrates, fish, amphibians, and aquatic birds, our team delivers comprehensive, cost-effective solutions from study design and implementation through to interpretive reporting.

- ▶ Environmental Effects Monitoring (EEM), Aquatic Environmental Monitoring Plans (AEMPs), Receiver Monitoring, and Other Provincial/Territorial Aquatic Monitoring
- ▶ Aquatic Habitat Offsetting, Restoration, and Relocation
- ▶ Benthic Invertebrate Community Characterization, Assessment, and Monitoring
- ▶ Fish Health and Tissue Chemistry Assessment and Monitoring
- ▶ Fish Habitat Assessment, Offsetting, and Enhancement
- ▶ Fish Spawning, Movement, and Habitat Usage Surveys
- ▶ Fish Species Inventory, Population Size Estimation, and Genetics Surveys
- ▶ Wetland Mapping and Classification
- ▶ Riparian and Aquatic Habitat Assessment and Ecosystem Classification
- ▶ Amphibian Habitat Usage and Spawning Surveys
- ▶ Aquatic and Semi-Aquatic Bird Species Inventories and Effects Assessment
- ▶ Water Quality and Water Temperature Monitoring and Assessment
- ▶ Aquatic Food Web Studies Using Isotope Chemistry

For more information about our Aquatic Environmental Monitoring and Assessment Services, contact us today!

Minnow
bd@minnow.ca

Ecofish
bd@ecofishresearch.com