



 Trinity Consultants Canada is a leading environmental consultancy that brings together trusted advisors, scientists and engineers to help clients solve their most complex challenges. With deep local roots and the strength of a global organization, Trinity Consultants Canada delivers innovative, scientifically sound and future-ready solutions that help industry, government and Indigenous communities navigate complex regulatory landscapes, secure project permits and approvals to achieve better environmental outcomes. They are internationally respected leaders with decades of proven expertise in Water & Ecology, Environmental Health and Safety (EHS), Built Environment and Life Sciences.

Our Water & Ecology teams are recognized leaders in environmental assessment, permitting and monitoring, offering key services to sectors including renewables, mining, ports and terminals, marine shipping, linear development, liquefied natural gas (LNG), ecological restoration, municipal wastewater, energy, and forestry.

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
- Riparian and Aquatic Habitat Assessment and Ecosystem Classification

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

- Wetland Mapping and 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

CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

Trinity Consultants Canada | Water & Ecology
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