



Valued Environmental Components and Mitigation Measures

Environmental Components – Marine Sediments, Marine Water and Air Quality, Health and socio-economic impacts

All equipment to be used near the marine environment is to be free of leaks or coating of hydrocarbon-based fluids and/or lubricants harmful to the environment. Hoses and tanks are to be inspected on a regular basis to prevent fractures and breaks.

Work equipment and machinery must be equipped with adequate muffling capacity to reduce noise on site to lowest possible level. Always maintain mufflers in good operating condition.

Machinery will be stationed on land most of the time and should operate in the dry in a manner.

Ensure that machinery arrives on site in a clean condition and is maintained free of fluid leaks, invasive species and noxious weeds.

Wash, refuel and service machinery and store fuel and other materials for the machinery in such a way as to prevent any deleterious substances from entering the water.

All spills should be reported to Maritimes Regional Office Canadian Coast Guard (1-800-565-1633), where a spill: discharges to air, land or water, is in excess of normal usage, has escaped its means of containment, or has been combined with other products affecting its chemical stability which could cause an adverse effect (i.e., negative impact on health, environment or property).

Construction related vessels will comply with all Canada Shipping Act, 2001 requirements for inspection, which includes certification of the vessel and adequate training and appropriate certificate of competency for the operators.

Construction related vessels will have procedures in place to ensure safeguards against marine pollution: awareness training of all employees, means of retention of waste oil on board and discharge to shore based reception facilities, capacity of responding to and clean-up of accidental spill caused by vessels involved in the project

Ensure that waste is not left at the work site. All construction waste material will be disposed of in a provincially approved manner.

Workers in contact with hazardous materials must be provided with and use appropriate personal protective equipment.

Proper safety procedures must be followed throughout the duration of the project as per applicable municipal, provincial, and federal regulations.

Weather conditions are to be assessed on a daily basis to determine the risk of extreme weather in the project areas. Avoid work during periods which Environment and Climate Change Canada has issued rainfall or wave warning for the work area.

Environmental Components – Fish and Fish Habitat, Migratory Birds and Bird Habitat

Become knowledgeable with and abide by DFO recommended mitigation measures as detailed in their letter of July 10, 2025 in regards to the protection of fish and fish habitat encountered on site and in the vicinity.

Minimize disturbance to all fish on site and adjacent areas during the entire course of the work.

Avoid killing fish by means other than fishing.

Avoid using explosives in or near water.

Limit the duration of in-water works, undertakings and activities so that it does not diminish the ability of fish to carry out one or more of their life processes (spawning, rearing, feeding, migrating).

Avoid obstructing and interfering with the movement and migration of fish.

Use existing trails, roads, access points wherever possible.

Limit impacts on fish habitat components to those approved for the works, undertakings and activities.

Operate machinery in a manner that minimizes disturbance to the waterbody bed and banks.

Replace/restore any other disturbed habitat features and remediate any areas impacted by the works, undertakings or activity.

Conduct in-water undertakings and activities during periods of low tide.

Develop and implement a Sediment Control Plan to minimize sedimentation of the waterbody during all phases of the works, undertakings and activities.

Regularly monitor the waterbody for signs of sedimentation during all phases of the work, undertaking or activity and take corrective action if required.

Schedule work to avoid wet, windy and rainy periods (and heed weather advisories) that may result in high flow volumes and/ or increase erosion and sedimentation.

Regularly inspect and maintain the erosion and sediment control measures and structures during all phases of the works, undertakings and activities.

Use biodegradable sediment control materials whenever possible.

Keep the erosion and sediment control measures in place until all disturbed ground has been permanently stabilized.

Operate machinery on land in stable dry areas or from a barge.

Do not deposit any deleterious substances in a waterbody.

Develop and immediately implement a response plan to avoid a deleterious substance from entering a waterbody.

- Stop works, undertakings and activities in the advent of a spill of a deleterious substance.
- Immediately report any spills (e.g., sewage, oil, fuel or other deleterious material), whether near or directly into a waterbody.
- Keep an emergency spill kit on site during all phases of the works, undertakings and activities.
- Ensure clean-up measures are suitably applied so as not to result in further alteration of the bed and/or banks of the waterbody.
- Clean-up and appropriately dispose of water contaminated with deleterious substances.
- Dispose of all waste material (e.g., construction, demolition, commercial logging) above the high water mark of nearby waterbodies to prevent entry into the waterbody.

Notify DFO if you have caused, or are about to cause, the death of fish by means other than fishing and/or the harmful alteration, disruption or destruction of fish habitat. Such notifications should be directed to (<http://www.dfo-mpo.gc.ca/pnw- ppe/contact-eng.html>).

A copy of the letter from DFO must be kept on site while the work is in progress. It is the proponent's responsibility to meet all other federal, territorial, provincial and municipal requirements that apply to your proposal.

Become knowledgeable with and abide by the Migratory Birds Convention Act (MBCA) in regards to the protection of migratory birds, their eggs, nests, and their young encountered on site and in the vicinity.

Minimize disturbance to all birds on site and adjacent areas during the entire course of the work.