

Mitigation Measures Compliance Requirements – Install FPS Shippagan SAR Station

The contractor is responsible to comply with and provide the required resources to ensure the following Mitigation Measures are met in full:

1. GENERAL

- 1) Ensure compliance with all federal legislation and provincial, territorial, municipal and international laws codes, and standards, as applicable.
- 2) Employees are to be trained in HSE (Health, Safety, and Environmental) protocols (e.g., safe work practices, emergency response).
- 3) Notify any private businesses on or adjacent to the project site prior to the commencement of the project.
- 4) Ensure all waste materials are disposed of in an environmentally responsible manner, and in accordance with provincial, territorial and municipal legislation, including waste that enters the aquatic environment.
- 5) Ensure that all trucks are road worthy, and that drivers observe all speed and weight limits on site.
- 6) Idling of vehicles, equipment, and machinery is limited to the extent necessary.
- 7) Ensure all vehicles, equipment, and machinery arrive on site in a clean condition, are maintained free of fluid leaks, and are in good working order.
- 8) Refueling is not to occur on site unless approved by the Departmental Representative. If approved to refuel on site, ensure any refuelling of vehicles, equipment, and machinery is performed at least 30m from any water body and on impermeable surface.
- 9) Onsite contractor crews must have emergency spill clean-up equipment that is adequate for the onsite involved activities and have adequate training to perform such clean-ups; such spill response equipment is to be located in a highly visible central onsite location that is easily accessible to all site personnel.
- 10) Ensure all basic petroleum, oil, and lubricant spills or leaks are promptly contained, cleaned up, and reported to the 24-hour environmental emergencies reporting system; all spills are also to be reported to the Department Representative. It is the contractors responsibility to identify the name of the Environmental Emergencies Report System including the 24 hour/7 days a week telephone number and ensure it is posted in a highly visible onsite location; this information is also to be identified within the HASP (Health and Safety Plan) Requirements including the Spill Response Plan.
- 11) Protect catch basins and manholes from sediment and debris (e.g. using silt filters).
- 12) Ensure workers who may come in contact with hazards are provided with and use appropriate personal protective equipment.
- 13) Site access is restricted to authorized site workers, site staff, and Departmental Representatives; this also includes any required testing services, inspection services, external service providers, and other contract related requirements/services.
- 14) Ensure dust suppression measures are applied to prevent fugitive dust.
- 15) During the transportation of wastes, bins must be covered to ensure that wastes do not escape and pollute roadways, public lands or private property.
- 16) If treated lumber is used, ensure it is environmentally friendly.
- 17) Comply with all Mitigation Measures, HSE (Health, Safety, and Environmental) protocols, HASP requirements, and HSE contract requirements; also ensure to include all Mitigation Measures in the initial Site Orientation and daily Tool Box Safety Talks.
- 18) Comply with all other Federal, Provincial, Municipal, and Authority Having Jurisdiction HSE (Health, Safety, and Environmental) laws codes, standards, and protocols; in case of conflict, the most stringent is to apply.

Mitigation Measures Compliance Requirements – Install FPS Shippagan SAR Station

2. LAND

- 1) Keep the clearing of riparian vegetation necessary for access to the construction site to a minimum. Use existing trails and roads wherever possible as access routes to avoid disturbance to the riparian vegetation.
- 2) Vegetate any disturbed areas by planting and seeding preferably with native trees, shrubs or grasses and cover such areas with mulch to prevent erosion and to help seeds germinate. If there is insufficient time remaining in the growing season, the site should be stabilized (e.g., cover exposed areas with erosion control blankets to keep the soil in place and prevent erosion) and vegetated the following spring.
- 3) All work to be conducted in accordance with the Migratory Birds Convention Act, which outlines that no migratory bird nests or eggs will be moved or obstructed during the construction or operational phase of the project. Should construction be planned between April and August, a site visit and/or nest survey could be required to ensure no impact to migratory birds or species at risk. Should additional migratory birds or species at risk be identified on or near the project site, additional mitigation measures (e.g. timing or buffers) and federal/provincial coordination may be required.
- 4) Wildlife presence or activities within the project site should be monitored during all phases of the project. Should any nests, den, burrow or species be identified as a result, buffers shall be applied and maintained and/or protection measures may need to be implemented, as per applicable regulations or laws.

3. WATER

- 1) All materials and equipment used for the purpose of site preparation and project completion are operated and stored in a manner that prevents any deleterious substance (e.g. petroleum products, silt, etc.) from entering the water.
- 2) Conduct work in a manner that prevents the release of debris (e.g. cribbing, ballast, sediment, etc.) or any deleterious substance into any body of water.
- 3) Cut, seal and stain all lumber away from the water using only products that are approved for use by the Pest Management Regulatory Agency, Health Canada; use only environmentally friendly stains. All sealed and stained lumber should be completely dry before being used near water.
- 4) Refueling is not to occur on site unless approved by the Departmental Representative. If approved to refuel on site, ensure any refuelling of vehicles, equipment, and machinery is performed at least 30m from any water body and on impermeable surface.
- 5) Ensure that there will be no negative impacts on any water sources.

4. AIR

- 1) Ensure that there will no excessive noise generated from the project outside normal working hours for the duration of the project.
- 2) Ensure that there will not be any excessive dust produced from vehicles travelling on gravel surfaces that will have an impact on adjacent residences and businesses.

5. NATURAL SYSTEMS

- 1) Ensure that concentrations of seabirds, waterfowl, or shorebirds not be approached when accessing the construction site, accessing wharves, or transporting supplies.

Mitigation Measures Compliance Requirements – Install FPS Shippagan SAR Station

- 2) If a nest is found during vegetation clearing activities, the nest site and neighbouring vegetation must be left undisturbed until nesting is completed. Construction activities must also be minimized in the immediate area until nesting is completed.