

Pro



Fisheries and Oceans Canada

Pêches et Océans Canada



[Empty box for representative photos of affected area]

Include representative photos of affected area (including upstream and downstream area) and clearly identify the location of the project.

E) Potential Effects of the Proposed Project

Have you reviewed the Pathways of Effects (PoE) diagrams (<http://www.dfo-mpo.gc.ca/pnw-ppe/pathways-sequences/index-eng.html>) that describe the type of cause-effect relationships that apply to your project?

Yes No

If yes, select the PoEs that apply to your project.

- | | |
|---|--|
| <input type="checkbox"/> Addition or removal of aquatic vegetation | <input checked="" type="checkbox"/> Placement of material or structures in water |
| <input type="checkbox"/> Change in timing, duration and frequency of flow | <input type="checkbox"/> Riparian Planting |
| <input type="checkbox"/> Cleaning or maintenance of bridges or other structures | <input type="checkbox"/> Streamside livestock grazing |
| <input type="checkbox"/> Dredging | <input checked="" type="checkbox"/> Structure removal |
| <input type="checkbox"/> Excavation | <input type="checkbox"/> Use of explosives |
| <input type="checkbox"/> Fish passage issues | <input type="checkbox"/> Use of industrial equipment |
| <input type="checkbox"/> Grading | <input checked="" type="checkbox"/> Vegetation Clearing |
| <input type="checkbox"/> Marine seismic surveys | <input type="checkbox"/> Wastewater management |
| <input type="checkbox"/> Organic debris management | <input type="checkbox"/> Water extraction |
| <input type="checkbox"/> Placement of marine finfish aquaculture site | |

s.20(1)(a)

s.20(1)(b)

Will there be changes (i.e., alteration) in the fish habitat*? Yes No Unknown

s.20(1)(c)

If yes, provide description.

[Redacted] there will likely be no changes to the fish habitat at the site with the exception of the removal of 30 lineal metres of compromised riparian backshore vegetation the removal of 30 m of riprap rock armour and its replacement with a gravel ramp.

Will the fish habitat alteration be permanent**? Yes No Unknown

Is there likely to be destruction or loss of habitat used by fish? Yes No Unknown

What is the footprint (area in square meters) of your project that will take place below the high water mark*?

likely to be 30 m wide by 30 m long for a total of 900 sq m

Is your project likely to change water flows or water levels? Yes No Unknown

If your project includes withdrawing water, provide source, volume, rate and duration.

n/a

If your project includes water control structure, provide the % of flow reduction.

n/a

If your project includes discharge of water, provide source, volume and rate.

n/a

Will your project cause death of fish? Yes No Unknown

If yes, how many fish will be killed (for multi-year project, provide average)? What species and lifestages?

[Empty box for fish mortality details]