

**AQUACULTURE WHARF AND ACCESS ROAD**  
**POOLE COVE, HARBOUR BRETON**  
**ENVIRONMENTAL ASSESSMENT REGISTRATION**

**Submitted to:** Department of Environment & Conservation

**Date:** February 2010

**Project No:** 09305

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## **1. PROPONENT:**

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## **2. THE UNDERTAKING**

### **.1 Nature of The Undertaking**

This undertaking consists of the construction of a gravel surface access road from the end of Spencer's Brook Road in Harbour Breton to Poole Cove a distance of approximately 2.4 kilometers.

A pressure treated timber crib wharf with a concrete deck will be constructed in Pool Cove. This wharf is L-shaped measuring 36 meters on the inside leg and 27 meters on the outside leg and 9 meters wide.

A fenced feed storage area is located near Poole Cove measuring approximately



62 meters by 40 meters also an attendant shack is located inside the fenced area.

.2 Purpose/Rationale/Need for the Undertaking

The purpose of this undertaking is to support the Aquaculture Industry in the Harbour Breton Area. At the present time the industry used the fish plant wharf in Harbour Breton to both off load product and to take on feed and smolt. It is not normal industry practice to carry on both activities at the same wharf due to the potential of cross contamination. In other provinces these activities are conducted on separate wharf facilities separated a considerable distance from each other.

### **3. DESCRIPTION OF THE UNDERTAKING**

.1 Geographical Location:

The site is located in Harbour Breton Bay directly across from the Aquaculture Farm Sites. Most of the coastline in the area is steep cliff to the waters edge. This area is a low scoping beach approximately 300 meters long bounded by steep cliffs and set back from the outer face of the cliffs which provide protection from winds blowing directly up or down the bay.

.2 Physical Features:

The access road is constructed parallel to the shoring and pass two small ponds. A small river draining one of these ponds drains out in the southern end of Poole Cove. It will not be touched or affected by this undertaking.

A well will be drilled on the high ground near Poole Cove and a 100 mm PVC buried waterline will be installed in the road between the well and the wharf. The purpose of this waterline is for wash down of the wharf and facilities.

The area of the undertaking consists of low brush, alders, spruce and fir trees, maximum tree height is about four meters.

.3 Construction:

It is anticipated that construction will commence in May 2010 and continue uninterrupted for about ten months with the exception of a seasonal shut-down from mid December to late March.

Muddy water run-off will have to be controlled and filtered during construction. Equipment fueling will have to be controlled and any equipment found to be leaking fuel or oils will be restricted from entering the area of the undertaking.

Solid waste will be removed daily and portable sanitary facilities will be provided for the workmen.

.4 Operation:

.1 The wharf to be constructed will be used exclusively for aquaculture. To ensure biosecurity only clean materials will be traveling to the grow out sites from the wharf, meaning that this wharf will be an inflow wharf. The types of activities to be taking place include:

- movement of smolts from trucks to barges/boats.
- loading of feed into farm boats
- offloading of feed from delivery boats
- movement of supplies ie. pen construction materials, clean nets, other equipment to the sites
- short term storage of clean materials.

.2 Period of operation will be continuous twelve months per year.

.3 Potential source of pollutants include diesel generator (if required), exhaust from vessels and vehicles, hydrocarbons from machinery on site.

.4 A compose toilet will handle human waste.

.5 Occupation:

Construction Workforce:

- 3 Truck Drivers
- 5 Heavy Equipment Operators
- 2 Carpenters
- 6 Labourers
- 1 Superintendent
- 1 Engineering Inspector

Operations Workforce

- 1 Truck Driver
- 1 Site Superintendent
- 4 Aquaculture Technicians

All of the construction work will be contracted out. The operational workforce will consist of one proponent employer and employees of the private sector aquaculture companies.



With the exception of the proponents employees, who will be hired based on ability not age or gender, all other employees will follow the policy of their particular company.

.6 Project Related Documents:

Preliminary Investigation of Alternate Sites for a Aquaculture In-Flow Wharf at  
Harbour Breton  
Prepared by Cecon Ltd.  
Date August 2009

#### **4. APPROVAL OF THE UNDERTAKING**

- 1) Permit under Navigable Waters Protection Act  
Transport Canada
- 2) Construction Permit  
Town of Harbour Breton
- 3) Project Approval  
Fisheries and Oceans Canada
- 4) Environmental Approval  
Department of Environment and Conservation

#### **5. SCHEDULE**

- .1 The earliest possible start-up of construction of this undertaking would be after the frost is out of the ground and most of the spring run-off is completed, around mid to late May. The latest date would be early July in order for the earthwork to be completed before the fall bad weather starts.

#### **6. FUNDING**

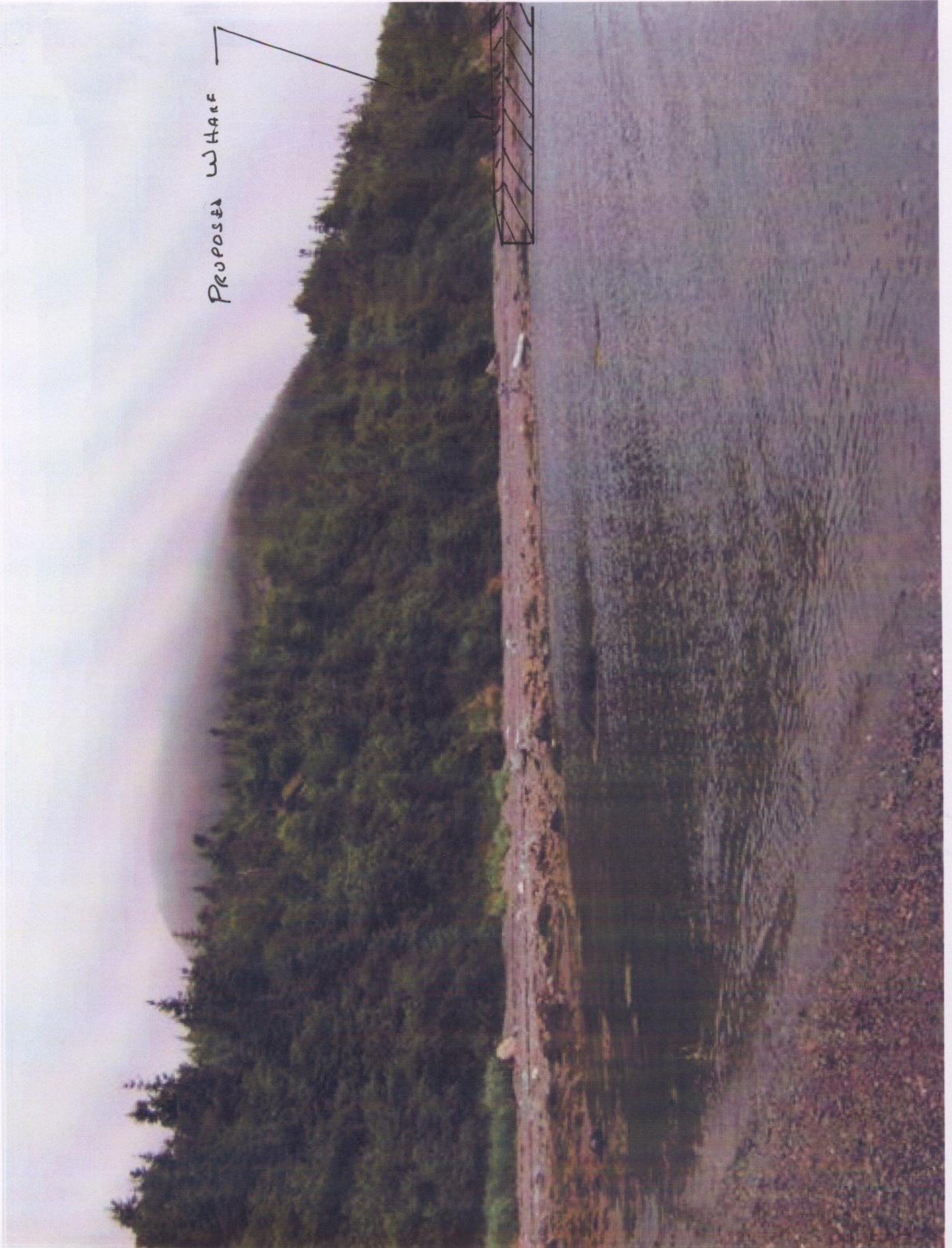
- .1 The estimated total cost of this undertaking is \$2,300,000.00.
- .2 Funding for this project is provided 100% by the Province of Newfoundland and Labrador.

24 FEB 2010





PROPOSED WHARF





Proposed Road

361 65 km

50'



84 85 86 87 88 89 90 91 92 93 94 95

55

56

DEADMANS BIGHT