

Non-Replaceable Forest License A71731

South Pitt Island

Log Dump and Storage Site

Foreshore Management Plan

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Probyn Log Ltd.

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PROJECT DESCRIPTION

Probyn Log Ltd. has partnered with Gitga'at Forestry Inc. to harvest NR FL A71731, on Southern Pitt Island. As part of log handling operations, Probyn Log Ltd. requires reactivation of a log dump on Pitt Island / Payne Channel, across from Hale Point on Hinton Island. The road accessing this log dump will be applied for once the FSP amendment is approved. This will be a push-off dump (no upland log sort associated). Probyn Log Ltd. intends to begin log transport operations as early as fall 2018, depending on development progress and markets. The plan is to dump approximately 102,000m³ of timber from NR FL A71731 over an 8-month period within the next 3 years. Project components include a tie-up arrangement for a float camp, a crew dock, construction and installation of a set of stationary skids, use of the existing barge access grid. Attached in the submission is a site plan detailing these project components.

LOCATION

The site is located on the South East end of Pitt Island, approximately 19 kilometers South West of Hartley Bay. Access is by boat or helicopter only.

INFRASTRUCTURE

Barge access for logging and road-building equipment will be required at the site, this barge grid will be reactivated.

Stationary skids will be installed on the foreshore at the location indicated on the site plan map.

A tie-up arrangement for a float camp and crew dock will be installed North of the Barge Grid.

FIRST NATIONS

Gitga'at Forestry Inc. and Probyn Log Ltd have partnered to harvest NR FL A71731 in the North Coast TSA. A draft of this LOO application was sent to the Gitga'at Oceans and Lands Department Director Chris Picard on February 22, 2018 to prepare for a planned meeting on March 7, 2018. Representatives from Probyn Log Ltd, Gitga'at Forestry Inc., and Gitga'at Oceans and Lands Department met on March 7 in Hartley Bay to review the Project on South Pitt Island. Part of this review was the draft application for the LOO which included the Location Map, Site Plan Map, Management Plan, Marine Assessment for the Proposed Reactivation of a Log Handling Facility on Pitt Island, BC., and Log Handling Prospectus. We were directed to submit LOO application at our earliest opportunity after this meeting occurred and are expecting a response from the Gitga'at Ocean and Lands Department in the near future.

ENVIRONMENTAL MANAGEMENT

MEASURES TO PROTECT FISH AND FISH HABITAT

1. Skidways will be placed 100m from the mouth of any anadromous fish-bearing streams.
2. Log storage will be located in water depths greater than 20m below Chart Datum.
3. Float camp placement (if used) will occur in water depths greater than 12m below Chart Datum
4. Debris curtains will be installed (30m from Shore out) on the boomstick along each side of the skidway to prevent debris deposition.

5. Booming grounds and bullpen will be located offshore using anchors and stiff-legs to ensure sufficient depth (>20m below chart datum)
6. Maintain a monitor for migrating salmonids and herring spawn activity. Contact an RPBio if these activities occur, and implement appropriate mitigation measures.

MANAGEMENT OF SEDIMENT

Probyn Log Ltd. will manage the foreshore operations at this site to prevent the introduction of harmful sediment to the marine environment.

- Where practicable, grade and slope the dumping platform surface so water drains to the rear of the site, where it can be filtered to remove leachate and fine wood waste before entering freshwater streams, wetlands, or marine waters. Employ sumps where possible and maintain regularly.

DEBRIS MANAGEMENT PLAN

- Enclose all log dump sites with a ring of boomsticks to prevent escape of log bundles and floating wood debris.
- A staff working on the log dump site must be briefed on the debris management plan prior to initiating work on the site.
- Limb logs and remove loose bark in the forest prior to loading on trucks, wrapped into bundles, and watered at the log dump
- Tightly secure log bundles to prevent escape, breakage or excessive shifting during handling and on skidway. Loose debris, excess limbs, and wood chunks should not be in the bundles.
- Angle skidway so that log bundle velocity is minimized.
- Skidways will be cleaned regularly to prevent accumulation of debris and deposition into the marine environment.
- A berm constructed of non-erodible materials will be established around the seaward edge of the dumping platform to facilitate wood debris clean-up.
- Bark and wood debris will be removed from the skidway, intertidal, and shallow foreshore regularly, and disposed in appropriate upland disposal area.
- Solid waste will be collected regularly and removed from site.
- Debris management log will be maintained.

MEASURES TO PROTECT KEY SPECIES

- In-water activities will be suspended if whales approach to within 500m of the site.
- DFO's Be Whale Wise guidelines will be followed for vessels operating near whales, dolphins, and porpoises.

GENERAL OPERATION MEASURES

- A spill response kit will be on-site during operations

- All equipment and machinery will be suitable for operations adjacent to the marine environment (in good repair, free of leaks)
- Float camps will be equipped with sewage treatment/containment facilities to prevent discharge of deleterious substances to the marine environment.

MANAGEMENT PLAN IMPLEMENTATION

The following measures are proposed to ensure implementation:

- A pre-work session with the contractor's staff working at the foreshore site will be held prior to starting up operations to explain the contents of this management plan.
- A copy of the management plan will be readily available on-site.
- The licensee will review the operations at the log dump within the first month to ensure that the plan is being implemented.
- Where deficiencies exist, immediate changes in operations will be implemented.

A critical aspect of the plan is that it is to be flexible, and must adapt to meet environmental objectives.

SITE DECOMMISSIONING

Upon completion of all operations, the following activities will be undertaken:

- All logging related machinery and equipment will be removed from the site.
- Logging related materials and products that could adversely affect fish habitat will be removed from site.
- Foreshore boom sticks will be removed.

This decommissioning plan considers only the activities scheduled for the planned sort and dump at this time. If other operations contingent on use of this dump are scheduled, decommissioning will occur following those operations.