

Development Area Summary - DA 8010

Location: Galena Bay

Development Area status: Harvested 2018

Volume harvested: 8,651m³

BLOCK SUMMARY

| Block | Area | Harvest System | Harvest Method | Status |
|-------|---------------------------|----------------|-----------------------|------------------------------------|
| 8011 | 4.6 ha, with 0.4 ha WTRA* | Patch cut | Ground - conventional | Harvesting completed November 2018 |
| 8012 | 3.0 ha, with 0.3 ha WTRA* | Patch cut | Ground - conventional | Harvesting completed November 2018 |
| 8013 | 3.8 ha | Patch cut | Ground - conventional | Harvesting completed November 2018 |
| 8014 | 7.9 ha with 0.9 ha WTRA* | Patch cut | Ground - conventional | Harvesting completed November 2018 |

*WTRA – Wildlife Tree Retention Area

Cutting Specifications

Timber reserves from previous harvesting were heavily impacted by blowdown in 2017. The blowdown areas were salvage harvested to manage for forest health and wildfire risks in the Galena Bay area.

Blowdown was salvaged using conventional harvesting ground-based equipment. No minimum leave tree requirements were prescribed but up to 10 stems per hectare single or groups of conifers >25 cm were retained where windfirm not damaged during harvesting. Healthy cottonwood and birch were left standing where possible to contribute to stand diversity, wildlife habitat and visual quality. Wildlife Tree Retention Areas are dispersed across the blocks to protect wildlife and riparian habitat areas.

Road Construction Summary

| <i>Road Name</i> | <i>Length (m)</i> | <i>Construction Type</i> |
|------------------|-------------------|--------------------------|
| BRANCH 1400 | 970 | Reconstruction |
| BRANCH 2703N | 456 | Reconstruction |
| BRANCH 2700 | 195 | Reconstruction |
| BRANCH 3000 | 509 | Reconstruction |
| BRANCH 3708 | 944 | Reconstruction |

Contract Award

Road construction – R Hopp Logging

Logging and Trucking – Alturus Equipment Corp

Wood Marketing

| BUYER | Species | Total m3 |
|-----------------------------|---------|----------|
| Downie Timber, Revelstoke | CE | 769 |
| Downie Timber, Revelstoke | FI | 2404 |
| INTERFOR, Castlegar | CE | 59 |
| INTERFOR, Castlegar | HE | 2949 |
| INTERFOR, Castlegar | LA | 130 |
| ZELLSTOFF-Celgar, Castlegar | MIX | 2340 |
| NACFOR STORAGE YARD | MIX | 165 |

Other Resources

The patch cut harvest system was used for previous harvesting in the Galena area to balance timber values against other resource values, particularly pine mushrooms. The goal of maintaining small block openings was to preserve mushroom habitat along the perimeter. During development of the previous harvest areas, NACFOR consulted with local mushroom advocates and a mycologist to discuss possible further protection of the mushroom resource. Several areas identified as high priority mushroom habitat were dropped from harvest plans and long-term mushroom research plots have been protected from harvesting.

Other resources considered in cutting permit development and planning included fisheries in Payne Creek, visual impacts along the Shelter Bay ferry corridor, recreation, domestic water licences and water quality, cultural heritage values and trapping tenures.

The north boundary of Block 8011 is adjacent to Jennings Creek, a S3 fish bearing stream. No patches are located within the Riparian Management Area. The leave areas adjacent to the stream channel provide bank protection and stability minimizing sediment delivery and protecting downstream fish values.

Silviculture

Cut blocks harvested in 2015 (under CP 101) were planted with Douglas-fir, western larch, western white pine and western red cedar. All blocks are fully stocked and growing well. Blowdown salvage areas will be planted in spring 2020.