

Development Area Summary - DA 1310 (East Slewiskin)

Location: North side of MacDonald Creek (Baerg/Slewiskin)

Development Area status: Road Construction 2017
Harvesting 2018 – 2019

Volume harvested to date: 11,883 m³

Approximate volume remaining: 15,175 m³

BLOCK SUMMARY

Block	Gross Area (ha)	Silviculture System	Harvest Method	Status
1311	22.9	Clear cut with Reserves	Cable (10.3 ha) Ground (7.1 ha)	Harvest completed 2018
1312	28.2	Clear cut with Reserves	Ground-based	Harvest completed 2018
1313	11.8	Clear cut	Cable	Harvest planned 2019
1315	24.0	Clear cut with Reserves	Ground-based	Harvest planned 2019
1316	8.4	Clear cut with Reserves	Ground-based	Harvest completed 2018
1317	9.3	Clear cut with Reserves	Cable (4.9 ha) Ground (3.7 ha)	Harvest completed 2018

Cutting Specifications

The silviculture systems and harvest methods for blocks within this development area are Clearcut with Reserves for Ground-based blocks, and Clearcut for cable blocks. Five – 15 stems/hectare of deciduous and coniferous moderate or high value wildlife trees will be retained in the ground-based harvest areas. Wildlife Tree Retention Areas are dispersed across the blocks to protect wildlife and riparian habitat areas.

Road Construction Summary

Road Name	Length (m)	Construction Type
BR.1000	3820	Reconstruction
BR.1038	520	Reconstruction
BR.1038 (BR.1311A)	1512	Build
Y/T1 -Blk 1311	193	Build
SPUR 16 (BR. 1311B)	560	Build
SPUR 5 (BR.1038 EXT)	222	Reconstruction
SPUR 5 (BR.1038 EXT)	258	Build
STUB 2 (BR.1317)	460	Build
Y/T1 - Blk 1317	321	Build
BR.10000	608	Reconstruction
BR.700 (BR.1313)	309	Build
BR.800 (BR.1312)	1587	Build
Spur 7 (SPUR A)	368	Build
BR.13000	1752	Reconstruction

Contract Award

Road construction – Galena Contractors

Logging and Trucking – Galena Contractors (Asher Creek)

Alturus Equipment Corp

Wood Marketing

Logs from harvested blocks were sold to local and regional buyers:

- Interfor, Nakusp
- Brisco Wood Preservers Ltd., Brisco – wood processed at PIPPCO (Nakusp)
- Box Lake Lumber, Nakusp
- Downie Timber, Revelstoke
- Kalesnikoff Lumber, Thrums
- Zellstoff-Celgar, Castlegar
- Porcupine Wood Products, Salmo
- Arrow Tipi, Burton
- Madden Timber Construction, Nakusp
- Firewood to local buyers

Products included sawlogs, cedar poles, cedar shake and shingle, pulp, tipi poles, building logs and firewood.

Other Resources

A GEOTECHNICAL ASSESSMENTS OF ROADS AND BLOCKS was completed to identify potential terrain stability concerns associated with the proposed development. The terrain stability assessment provided recommendations to reduce the likelihood of instabilities and presented a risk analysis relating to downslope elements at risk.

A hydrogeomorphic assessment was undertaken in 2016 to determine the current level of forest disturbance within the watershed related to forest development activities and to ascertain the level of resilience of MacDonald Creek to changes in water quality, water quantity, and the timing of peak flows resulting from both current and proposed forest development. The ECA analysis completed as part of the hydrogeomorphic assessment reflects a high level of harvest-related disturbance in MacDonald Creek which is currently estimated at 42% of the total watershed area. The highest level of disturbance is located within the north fork tributary basin, with an ECA of 61%, while the south fork tributary is estimated to have an ECA of 38%. Despite these high levels of disturbance, the McDonald Creek watershed appears to have a natural resiliency to changes to the flood regime resulting from forest development.

Other resources considered in development and planning included, recreation, cultural heritage values and a trapping tenure.