

Spruce Bark Beetle Report 2015 Fall

2015-MIS-011

ADMINISTRATION

Polygon: MIS011 **Hectares:** 22.08 **Exact Location:** on highway 97

Walkthrough: 1100m **Number of Probe Pixels:** 1 **Date:** 2015.10.22 **Crew:** S. Turcotte

STAND INFORMATION

Site Description: (topography, terrain, timber types, stand age, influences)

The site is situated about a kilometre up hill from Highway 97, near Caswell Creek. The creek itself surrounds the polygon on the north and east sides, with mature timber on all other sides. Access to the site is poor. The unit has a NE aspect of about 25% though there are steeper sections. The species composition is mainly balsam fir, with a higher percentage of mature spruce closer to the creek at the bottom of the hill. Birch and dead pine can be found scattered throughout the stand. There is an active pipeline in the vicinity of this polygon.

Stand Susceptibility: Low

Access: 2WD, walk

Other Considerations or Limiting Factors: pipeline in the area, riparian area

SUMMARY OF CURRENT INFESTATION:

Very little live population was discovered during the walkthrough, though there is evidence of past attack with pockets of code five, (2013 attack or older). There is limited room for expansion of a growing population near the creek.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
69	0	0		28.1	
<i>Bark Sample Data</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
<i>(combined)</i>	7	0	0	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Monitor, due to potential for spread, boundary could be refined to reflect the spruce type nearest the main creek.

Option #2:

No Action