



SENECA ENTERPRISES LTD.

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SPRUCE BARK BEETLE REPORT FH17DPG218

STAR PROBE# 2016-MIS-0108

632

NUMBER OF CODE 1-4 ATTACK

4 (Outside Site)

PROBE LINE NO

SUMMARY OF CURRENT INFESTATION

MODERATE ATTACK

Site is on edge of lake at base of large mountain. To the east, slope increases and site is located after PINE-0001 and MIS-0107. These sites have similar findings, with attacked trees both Code 1 and 3 attack and are accessed passing this site. Mean Larval and attack densities and 1 probe line determined a high Priority sanitation rating, lots of uninfected Spruce in site. Site itself no attack, but to the north had 34 Code 1 attack and 1 Code 3 attack.

ACCESS

From Quad Walk 311m at 122 degrees

SITE FEATURES

(Topography, Terrain, Timber Types, Age)

Site steeper, Spruce 60%, Balsam 40%

SIZE, BOUNDARY and PATTERN OF INFESTATION

Attack on this site occurred outside site to the north. Further North along road, PINE-0001 and MIS-0107 had similar findings

INCIDENCE AND SEVERITY OF ATTACK

Moderate Larval density and Attack densities moderate with Heavy Sanitation priority rating (from Similar sites to north)

RISK OF BEETLE SPREAD and SURROUNDING SITES

Moderate to heavy attack, isolated sites with good chances to move further east or south.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

To the northeast slope 0-50%, located with good access along lake.

RECOMMENDATIONS

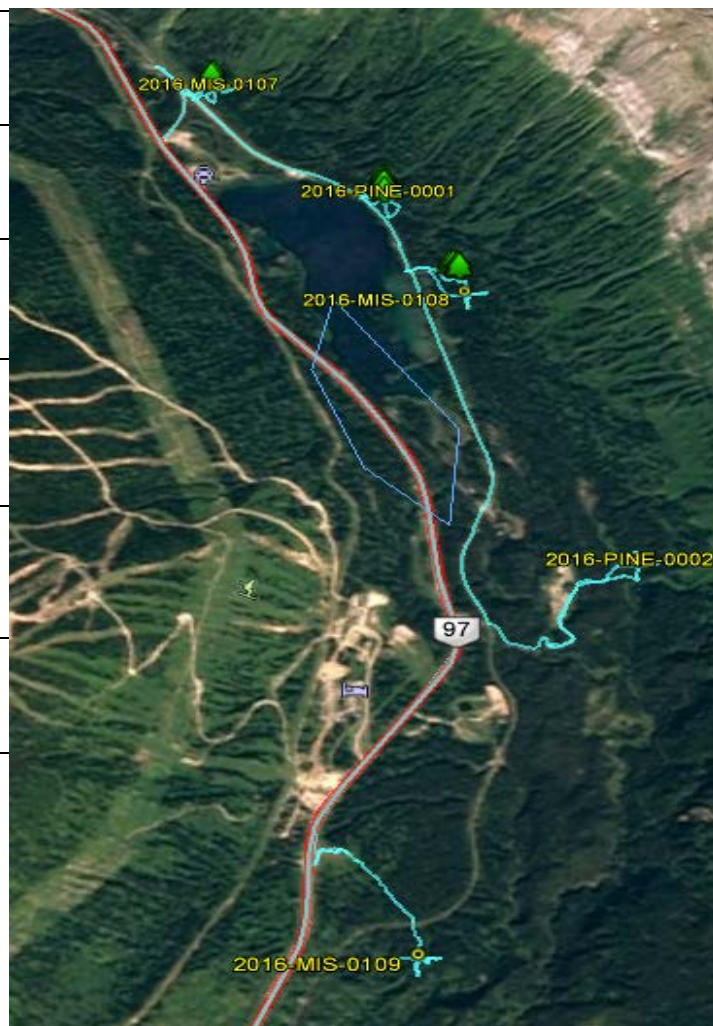
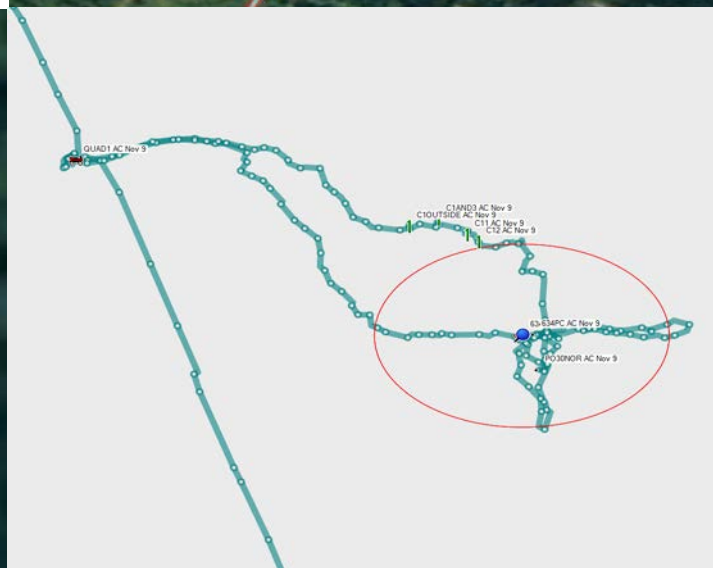
OPTION 1

TRAP TREES/ FALL AND BURN

Site has a high priority Sanitation rating as is similar to other sites in area. (attack outside site) MIS-0108, MIS-0107 and PINE-0001 should be treated simultaneously. As they have good access and relatively flat, a trap tree trail should be added to minimize the flight as there are both Code 1 and 3 attack and one tree had beetle on a 1 year cycle. Alternatively, could fall and burn siteS- 10 trees, centered at node centers

OPTION 2

HARVEST



Map of Site 634 showing a yellow line with black dots representing a path. The path starts at 'QUAD1 AC Nov 9' and ends at 'PO30NOR AC Nov 9'. A red circle highlights a section of the path. Labels include 'SITE - 634', 'Nov 9 - AC', and a scale bar for 70 m.

Nov 9 - AC

70 m

overzoom

Attack - No signs in site.
- CI's outside of site.

Access - From quad. walk 31m @
122°.

Features - Steep slopes
- Sx 60% , BI 40%

634

(C1)

N

(P10)

Access. walked from quad @ 1000524858
quad from truck @ 6137913
1000523457
6139549

634 Plot Centre - 1000525168
6137725

Aaron Colebank, Nov 9th, 2016

⊗ No attack

Code1 outside @ 1000525130
6137826

METRIC FIELD