



SHADE RULE OPERATIONAL MONITORING SUMMARY
2016-2018
IDL-FOREST INDUSTRY MEETING
5/23/2019

Monitoring intent: Are landowners harvesting within Class 1 SPZ and if so, to what extent?

Site Selection: Review all notifications with Class 1 stream and Option 1 or 2 selected that were inspected by a PFS.

Sample size:

- How many sites can crew visit during field season
- Representative geographic distribution
- Representative of landownership distribution

Results

2016

- 43 sites sampled
 - 60% of sites had SPZ harvest
 - 6 sites 60/30, 83% harvest
 - All sites met or exceeded minimum RS
 - 37 sites 60/10, 57% harvest
 - 1 site inner zone harvested below minimum
 - 1 site outer zone below minimum due to natural condition

2017

- 34 sites sampled
 - 65% had SPZ harvest
 - 6 sites 60/30, 66% harvest
 - Relative stocking results inconclusive due to sampling error
 - 28 sites 60/10, 64% harvest
 - All outer zones met or exceeded minimum RS

2018

- 34 sites sampled
 - 65% had SPZ harvest
 - 3 sites 60/30, 66% harvest
 - All zones met or exceeded minimum RS
 - 31 sites 60/10, 65% harvest
 - 9 sites had inner zone harvest
 - 5 sites did not meet minimum RS for 60/10 inner zone, but did meet RS for 60/30
 - 1 site did not meet RS, but only had one stump. Presume that background RS below minimum and 1 tree was removed due to hazard or operational needs
 - Outer zone of all sites exceeded minimum RS

Highlights

- 2016-2018: 86% of sampled notifications selected 60/10
- Most landowners choose not to harvest inner zone
- 64% of notifications that selected an option harvested. 26% of the time, landowner changes their mind and does not harvest SPZ
- Majority of the time that inner zone was below minimum RS was due to natural condition (roads, meadows, etc.)
- Landowners don't always know which option (1 or 2) they will employ when they take out notification. If post-harvest RS meets RS minimums for option 1 or 2, IDL considers this to be satisfactory
 - This needs to be documented in guidance
- Sometimes operations (i.e.) require the removal of a tree(s) that results in RS below minimums. IDL does not consider this to be "unsatisfactory"
 - This is documented in guidance but could use additional clarification.

Opportunities and follow up

- Ensure consistency in SPZ inspections: SPZ calibration and guidance clarification
- PFS inspections on endowment sales: IDL has updated TM manual to require all endowment notifications also be distributed to Area PFS
- PFS inspections on endowment sales: FAB has coordinated with supervisory Areas to ensure that all endowment notifications are routed through Area PFS