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