

COMPARTMENT REVIEW RECORD OF CHANGES AND DECISIONS



Shingleton Forest Management Unit

2019 Year-of-Entry

Shingleton FMU conference room, Shingleton

October 12, 2017

The following documents the changes and decisions made at the compartment review to the inventory database, reports, and compartment maps presented at the Shingleton Forest Management Unit Compartment Review. This document is the official record of changes and decisions. Proposals originally presented were approved unless noted below.

Attendees

Facilitator: Kristen Matson, FRD; Recorder: Rose Wilbur, FRD; Jeff Stampfly, FRD; Robert Burnham, FRD; Mario Molin, FRD; Scott Kentner, FRD; Cody Norton, WD; Kerry Fitzpatrick, WD; Don Brown, WD; Jennifer Burnham, FRD; Tom Burnis, FRD; Tori Irving, FRD; Adam Petrelius, FRD; Sheila Clark, FRD; Troy Sumbera, PRD; Pete Holodnick, FRD; Paul Gaberdiel, PRD; Jason Lindquist, FRD; Avi Shalom, FRD; and Scott Lakosky, FRD.

Not in attendance: Bill Scullon, WLD reviewed the consensus sheets and approved by email on 10/16/17. Darren Kramer, FD Lake Michigan, reviewed the changed information and approved by email on 10/19/17. Cory Kovacs, FD Lake Superior reviewed the consensus sheets and approved by email on 10/23/17.

Members of the public in attendance: none

Delayed Decision: Three of the four ERA plans that were reviewed are under “delayed decision”, with a resolution date of Nov. 11, 2017. See ERA plans below for further detail.

- Delayed Decision **resolved** on November 22, 2017. All divisions have agreed to all of the wording changes in the three ERA plans that were not approved during the Shingleton 2020 YOE compartment review.

Comments from Stakeholders

Open House was held at Shingleton FMU conference room on September 28, 2017. There was one member of the public in attendance. Proposed treatments were discussed and maps were reviewed.

No written comments were received.

General Comments:

During compartment review process, the SCA/HCVA, MNFI and archeology database layers were available as each compartment was presented. Any occurrences were discussed and mitigated.

2019 YOE Compartments under review:

Bullock Ranch MA

Compartment 115 (Stand examiner – Kentner)

Discussion of comments from individuals:

- Discussion about red pine management and the difficulty of regenerating red pine in this area. Discussed whether RP final harvest is appropriate considering difficulties with regeneration.

Changes made at compartment review:

- Drop all harvest treatments. Add site conditions as needed.

Cusino Complex MA

Compartment 170 (Stand examiner – Molin)

Discussion of comments from individuals:

- Discussed note from FD about buffering drainage 100' in stands 16, 31 and 405. Stands 16 and 31 are selection harvest, so 100' buffer is not needed.

Changes made at compartment review:

- Stand 2: Add "Designate aspen and beech for cutting." Add "no cut hemlock." Put start date of 10/13/17.
- Stand 405: Add clear cut (no retention) with next steps of wildlife management as currently shown. Drainage protection to be determined by fish and wildlife division before sale is set up. (In email on 10/17/17, FD approved harvest without buffering the drainage 100', but keep the actual drainage protected.)
- Stand 16: Add "protect the drainage."

Compartment 177 (Stand examiner – Lindquist)

Discussion of comments from individuals:

- Discussed verified type 1 or 2 old growth stand.

Changes made at compartment review:

- Stand 11: Add "Leave cedar for diversity and seed source."
- Stand 20: Avoid stands 412 and northeast part of stand 63.
- Report 5: For Stand 22, remove part about possible old growth, as it has been verified as old growth. Check age in MIFI for Stand 22.

Shingleton Rich Conifer Swamp ERA Plan

Discussion of comments from individuals:

- General discussion of specific wording that was written in the management goals, objectives and actions sections of this plan, and whether it was appropriate to have such specific language.

Changes made at compartment review:

- In beginning of plan, add bullet with Keith Kintigh's clarifying sentence about ERA boundaries, stopping after "consult with specialist".
- Under management objectives, add Keith's clarifying sentences about actions.
- Under monitoring, add clarifying sentences.
- **Delayed Decision:** Consensus not reached in the following: Management Actions, bullet 7 consensus was not reached at FMU level. ERA plan was not approved. This will be referred to the District Supervisors with the goal to resolve within 30 days.
- **Resolved:** November 22, 2017 wording changes were agreed to by Wildlife Division, Forest Resource Division, Parks Division and Fisheries Division.

Compartment 185 (Stand examiner – Kentner)

Discussion of comments from individuals:

- Discussed need for bridge to get to some stands.

Changes made at compartment review:

- Stands 2, 9 and 17: Do not cut aspen within 300 feet of stream. Add winter cut only.
- Stand 36: Add site condition for survey.
- Contact FD to get trout stream layer and update ArcMap SCA layer as appropriate.
- Snowmobile trail is incorrect in nearby C194.

Danaher Kingston Outwash MA

Compartment 126 (Stand examiner – Kentner)

Discussion of comments from individuals: none.

Changes made at compartment review:

- Stands 401 and 407: Remove next step of tree/shrub planting.

Compartment 131 (Stand examiner – Kentner)

Discussion of comments from individuals: none.

Changes made at compartment review:

- Stands 10 and 17: Add comment to have loggers notify Unit Manager by October 1 if intending to harvest in the winter. Add "green tree leave beech with bear claw marks." Favor cherry.
- Stand 53: Remove treatment.
- Stand 412: protect from adjacent harvest operations.

Compartment 140 (Stand examiner – Molin)

Discussion of comments from individuals:

- Discuss red pine management, and number of harvest acres prescribed.

Changes made at compartment review:

- Stands 39, 46 and 48: Switch clearcut to systematic thinning.
- Stands 40 and 404: remove treatments.
- Address "next step treatments to create."
- Stand 29: Leave some large beech.

Fox River Complex MA

Compartment 004 (Stand examiner – Clark)

Discussion of comments from individuals: none.

Changes made at compartment review:

- No changes.

Compartment 006 (Stand examiner – Holodnick)

Discussion of comments from individuals:

- Discussed access to this compartment through compartment 5, and the need to change some of the treatments in C005.

Changes made at compartment review:

- Stands 50, 88, 65 and 38: add next steps to root rake for natural regeneration. A mix of species is acceptable.
- Stands 41 & 67: add site conditions 2B bridge needed.
- Stand 90: add "leave retention near river."
- All stands with site condition for "engineered bridge": change to "survey needed"
- Stand 4: change to shelterwood w reserves. Residual BA = 30-50. Acceptable regen = a mix of species currently on site
- Stand 5: remove "retention is in the buffer"
- Stand 12: cover type objective = aspen. Add 2" spec on deciduous. Acceptable regen = aspen w a mix of species currently on site
- Stands 13,14, 21, 22, 25, 72, 82, 88, 89 and 90: acceptable regen = a mix of species currently on site
- Stands 15 and 17: change to shelterwood w reserves. Cut to apx. 50 BA overall. Cut all aspen, fir, spruce and paper birch. Line out aspen clones and cut all trees within the clones to 2". Protect drainages. If goshawk nest is found, follow guidelines. Acceptable regen = a mix of species currently on site.

- Stand 16: Change to shelterwood w reserves. Residual BA = 30-50. Delete retention comment. Acceptable regen = a mix of species currently on site.
- Stand 19: Change to seed tree, with residual of 10-30 BA. Delete next steps and change to monitoring. Acceptable regen = a mix of species currently on site.
- Stand 20: leave some super canopy trees. Acceptable regen = a mix of species currently on site.
- Stand 23: change to cc w reserves. Acceptable regen = a mix of species currently on site.
- Stand 38: change to leave 30-50 BA of large diameter red and white pine.
- Stand 41: change to seed tree w reserves, leaving 10-30 BA of red & white pine where it exists. Acceptable regen = a mix of species currently on site.
- Stand 35: drop treatment.
- Stand 36: add cc w retention. acceptable regen = a mix of species currently on site.
- Stands 50 and 65: change to leave 30-50 BA of large diameter red and white pine. Change MO to mixed upland conifers.
- Stand 67: Buffer Holland Creek 100 feet.
- Stand 91: drop prescription, declare surplus and sell.
- Stands 12, 13, 14, 15, 16, 17, 21, 22: no cut cedar

Compartment 5 changes to help with big project area:

- Stand 37: change to overstory removal. Leave 10-30 BA. Protect natural regen as much as possible. Change next steps to monitoring.
- Stand 40: clearcut w retention. Manage for pine with next steps of trench and plant.
- Stand 43: cc, no retention needed due to small size.
- Stand 45: Shelterwood w retention. Leave 30-50 BA of red pine.

Hiawatha Moraine MA

Compartment 059 (Stand examiner – Irving)

Discussion of comments from individuals: none.

Changes made at compartment review:

- Stand 452: Add next step of burn after monitor (herbicide, monitor, burn). Change start date to 10/13/17. Add comments that aerial spraying would be best.
- Stand 71: Change to clear cut no retention due to regeneration efforts, trench and plant, herbicide and monitor. Include 2-inch spec.
- Stands 40, 43 and 46: protect stand 24 from harvest operations.

Compartment 060 (Stand examiner – Irving)

Discussion of comments from individuals:

- Discussed red pine management and harvest numbers.

Changes made at compartment review:

- Stands 5 and 8: Drop treatment.

Lake Michigan Shoreline MA

Compartment 096 (Stand examiner - Irving)

Discussion of comments from individuals:

- Discuss ability to harvest stands and leave cedar here. Deer yard.

Changes made at compartment review:

- Stands 40 and 52: Drop treatments.
- Stand 47: Update treatment boundary to exclude cedar pocket on east. No cut cedar and hemlock. Winter cut only. Change start date to 10/13/17.

Compartment 098 (Stand examiner - Irving)

Discussion of comments from individuals: none.

Changes made at compartment review:

- Stand 5: Change start date to 10/13/17.

Garden Shoreline Complex ERA Plan

Discussion of comments from individuals:

- General discussion of specific wording that was written in the management goals, objectives and actions sections of this plan, and whether it was appropriate to have such specific language.

Changes made at compartment review:

- In beginning of plan, add clarifying statement from Keith Kintigh, stopping at "specialist."
- Management Goals: delete bullet "reduce other threats."
- Management Goals: Bullet change to "reduce detrimental recreational impact."
- Management Objectives: Add Keith's clarifying sentence.
- Management Objectives: Bullets 1 and 2 "identify and reduce."
- Management Actions: Delete 4th bullet. Bullet 5 "close illegal roads and trails where feasible."
- Monitoring: Add clarifying statement.
- **Delayed Decision:** Consensus not reached in the following: Under Management Actions, bullet 11 consensus was not reached at FMU level. ERA plan was not approved. This will be referred to the District Supervisors with the goal to resolve within 30 days.
- **Resolved:** November 22, 2017 wording changes were agreed to by Wildlife Division, Forest Resource Division, Parks Division and Fisheries Division.

Lake Michigan Wooded Dune and Swale ERA Plan

Discussion of comments from individuals:

- General discussion of specific wording that was written in the management goals, objectives and actions sections of this plan.

Changes made at compartment review:

- Adjust ERA boundary to exclude Thompson hatchery.
- In beginning of plan, add clarifying statement from Keith Kintigh, stopping at “specialist.”
- Management Objectives: Add Keith’s clarifying sentence.
- Management Goals Bullet 1: “identify and reduce.”
- Management Actions: Bullet about forest regen, remove current language and replace with “evaluate forest regen and where inadequate, apply sound scientific management to address.”
- Monitoring: Add clarifying statement.
- Plan approved with changes.

Pictured Rocks Buffer MA

Compartment 133 (Stand examiner – B. Burnham)

Discussion of comments from individuals:

- Discussed possible old growth and what was verified.

Changes made at compartment review:

- Adjust Report 5: Stands 14, 77 are verified old growth; Stand 26 and 31 are SCA removal, not old growth.
- Stand 67: Add treatment Seed Tree w/retention, residual BA 10-30; monitor next steps, natural regen.
- All stands with next step of burning: add comment to cut using 2” spec.

Senev Manistique Swamp MA

Compartment 024 (Stand examiner – Burnis)

Discussion of comments from individuals:

- Discussion regarding return to state of “lock the gate” sale. Majority was uncut. Adjust treatments and re-sell.

Changes made at compartment review:

- Address “next step treatments to create.”
- “Lock the Gate” sale area: Change selection harvests to clear cut with reserves, natural regen and monitoring next steps. Leave retention around drainages. Add site condition 2C with comment about county owned bridge.
- Stands 5 and 11: update coding to show recent harvest, no new treatments this entry.
- Adjacent stands in C023 that were part of the “Lock the Gate” sale: change treatments to clear cut with reserves. Add site condition 2C with comment about county owned bridge.
- All other treatments in compartment: add site condition 2C, county owned bridge.

- Adjacent C023 and Stand 38: Remove scarification coding. Add treatment of clear cut with reserves (same as C024 stand 59). Start date of 10/1/2018. Add next steps of burn, herbicide, trench and plant, monitor. Site condition 2C.

Shingleton Patterned Fen ERA Plan

Discussion of comments from individuals:

- General discussion of specific wording that was written in the management goals, objectives and actions sections of this plan, and whether it was appropriate to have such specific language.

Changes made at compartment review:

- In beginning of plan, add clarifying statement from Keith Kintigh, stopping at “specialist.”
- Management Objectives: Add Keith’s clarifying sentence.
- Management Objectives Bullet 1: “identify and reduce.”
- Management Actions, Bullet 9: “close illegal roads and trails where feasible;”
- Monitoring: Add clarifying statement.
- **Delayed Decision:** Consensus not reached in the following: Under Management Actions bullet 10 “avoid creating new roads adjacent to ERA”; and Bullet 8 “consider retaining an intact 100-foot buffer” consensus was not reached at FMU level. ERA plan was not approved. This will be referred to the District Supervisors with the goal to resolve within 30 days.
- **Resolved:** November 22, 2017 wording changes were agreed to by Wildlife Division, Forest Resource Division, Parks Division and Fisheries Division.

Compartment 034 (Stand examiner – Petrelius)

Discussion of comments from individuals:

- Road through private between stands 6 and 70 is being blocked. Discuss management options and the possibility of making a new road around on state owned land.

Changes made at compartment review:

- No changes.

Compartment 044 (Stand examiner – Petrelius)

Discussion of comments from individuals:

- Discuss gate at private land and need to contact land owners. Discuss timber harvest easement.

Changes made at compartment review:

- No changes.

Compartment 048 (Stand examiner – Petrelius)

Discussion of comments from individuals: none.

Changes made at compartment review:

- No changes.

Compartment 153 (Stand examiner – Molin)

Discussion of comments from individuals:

- Discussion regarding timing of natural regeneration surveys.

Changes made at compartment review:

- All monitoring treatments in “Raisins” sale: start date should be 10/1/2019.
- Stand 172: Code for spraying, with next step of trench and plant to Jack Pine. Change treatment boundary to exclude pocket of trees along south.
- Stand 52: Change start date to 10/1/18.

Compartment 179, Stand 35 (Stand examiner – Kentner)

Discussion of comments from individuals:

- Out-of-YOE discussion for regeneration of stand.

Changes made at compartment review:

- C179 stand 35: Add clear cut no retention in portion of stand along road, with a site condition for 5T. Remove next step treatments from remainder of stand and allow natural regeneration. Management objective is mixed upland forest. Monitoring treatment for majority of stand, with plant spruce and white pine if natural regen fails.

Closing comments:

- Delayed decision ERA changes and concerns need to be completed by November 12, 2017.
- Make changes from Compartment Review and move treatment status to 5 by November 11th.

As the Compartment Review Meeting Facilitator, I certify that the above changes were agreed upon.

Kristen Matson

Kristen Matson, EUP Inventory and Planning Specialist

November 22, 2017