



Siskiyou Streamside Protections Review
Oregon Department of Forestry, Private Forests Division
November 2018

Key Messages

- The Oregon Board of Forestry (Board) and the Department of Forestry (department) are committed to using adaptive management in reviewing (and revising, if necessary) the Forest Practices Act (FPA) using available science, monitoring and research.
- In November 2015, the Board increased streamside protection standards in most of western Oregon. The Siskiyou region was not included because of a policy decision based on different vegetative and geologic conditions.
- At the November 2016 meeting, the Board directed the department to include in its monitoring plan:
 - Potential questions regarding streamside protections in regions not included in the increased streamside protection standards.
 - Estimate the work: timeline & resources to address questions for various study methods.
 - Work with stakeholders and tribes to inform the department and the Board about which question to study.
- At subsequent Board meetings, the department presented:
 - Results of stakeholder and tribal input on the monitoring questions
 - A tally of science potentially relevant to monitoring questions
 - GIS data on stream miles, acres of ownership by landowner type, voluntary measures, and harvest types
 - Estimates of cost and time for various approaches to each question
- In March 2018, the Board voted in favor of the department's recommendation of conducting a science literature review on stream shade, temperature, and streamside forest goals¹ for small and medium fish streams in the Siskiyou region, and discuss associated contextual info (e.g., fish status and trend, water quality evaluations). ODF will systematically and transparently include stakeholders and tribes in the review. The estimated timeline of completing the literature review is approximately a year.
- The Board will use the results of the literature review to decide if:
 - The FPA or rules are working as designed
 - FPA or rules may not meet stated objectives
 - Additional study is warranted
 - No action is needed

Prior to changing rules to increase protection standards on the ground, the Board must decide that a resource is being harmed. According to statute, effects to fish, wildlife, and water quality, and economic impacts to forest landowners and the timber industry must be considered in such decisions.

Questions?

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¹ Streamside forest goals refers to “desired future conditions” discussed in OAR 629-642-0000

Background – Board of Forestry Decisions and Direction

November 2012-2015 - The department initiated a rule analysis of FPA streamside protections for western Oregon based on findings of degradation from RipStream study results.

March 2016 - The department was asked to inform the Board of what would be needed to review FPA streamside protections in the Siskiyou and Eastern Oregon regions.

April 2016 - The Board decided that Siskiyou and Eastern Oregon streamside protections would be discussed in association with the Monitoring Strategy of the Private Forests Division at the November 2016² Board meeting.

November 2016 - The Board approved the Private Forests Monitoring Strategy (this Strategy establishes a list of priority monitoring questions, developed with stakeholder and tribal involvement). They directed the department to work with stakeholders and tribes to propose one or more monitoring questions to address in the Siskiyou and Eastern Oregon geographic areas. Proposed methods and timelines to answer the question(s) would also be included.

July 2017 - The department presented preliminary results and an update to the Board of Forestry.

The Department worked with stakeholders and tribes to:

- refine potential monitoring questions regarding streamside protections in the Siskiyou and Eastern Oregon regions
- estimate the work, resources and timelines needed to answer these questions

March 2018 – The Board approved a literature review on stream temperature/shade conditions and streamside forest goals along small and medium fish-bearing streams in the Siskiyou region.

What Does This Mean?

- The Siskiyou literature review is the first step in a streamside protections review process (i.e., considering existing data).
- The results of this review can result in a range of outcomes: no change, targeted education and outreach programs, voluntary measures, incentive programs, rule increases or decreases, or more study is warranted.
- For the Board to change rules that increase protection standards on the ground, they must first decide that a resource is being harmed [Oregon Revised Statutes (ORS) 527.714].
- State law also requires the Board to consider information about economic impacts to forest landowners, the timber industry generally, and effects to fish and wildlife.

Next Steps

2018-2019 - Deliver an update on the progress of the literature review at the January 2019 Board meeting, and complete the literature review by spring 2019.

- Use a rigorous protocol for reviewing literature, including:
 - Searching for, and deciding on, inclusion of literature for the review
 - Assessing evidence in this literature
 - Including stakeholders and tribes at defined steps in the process
- Partner agencies present contextual information of fish status and trends, and water quality evaluation processes (ODFW, DEQ).

² The April 2016 Board notes indicate that the Monitoring Strategy would be discussed in September 2016. This topic was delayed until November 2016.

Stakeholder & Tribal Involvement in Siskiyou Streamside Protections Review

This document outlines the steps to develop materials for the Board's eventual decision regarding sufficiency of riparian protections in the Siskiyou georegion, emphasizing opportunities for input from stakeholders and tribes to the process.

For the Board to make this decision, The Monitoring Unit will conduct a literature review in the Siskiyou geographic region, focused on small and medium fish streams to:

- Assess the effectiveness of FPA riparian protections standards on stream shade and temperature
- Assess the effectiveness of FPA riparian protections on desired future conditions of riparian forests.

This review will include the development of a review protocol and inclusion of stakeholders and tribes. Additionally, the department will work with partner agencies to develop contextual information on water quality evaluations, and regional fish status and trends.

A similar timeline is being developed for work in the remainder of western Oregon.

Table 1. Timeline for development of Siskiyou Board materials. Note that tasks for input from stakeholders and tribes are in **bold**. Additionally, this table may change as we proceed.

<u>Task</u>	<u>Date</u>	<u>Milestone / Deliverable</u>
<i>Phase 1 - Protocol</i>		
Kickoff outreach with stakeholders and tribes	Spring 2018	Completed list of contacts for stakeholders and tribes
Collaborate with partner agencies for contextual information	Spring through Fall 2018	Reports on Fish status & trends, water quality evaluations for final Board materials
Develop literature review protocol	Summer 2018	Protocol for literature review
Stakeholder and tribal input on review protocol & studies to consider	Fall 2018	Record of stakeholder and tribal feedback on review protocols, and literature to include in review
Determine inclusion of literature in review	Fall 2018	Literature selected for inclusion based on criteria
Stakeholder and tribal input on inclusion-exclusion of literature to review	Fall 2018	Stakeholder and tribal feedback on literature to include in review
<i>Phase 2 – Review and Board Decision</i>		
Data extraction, analysis, and writing of literature review	Fall 2018/ Winter 2019	Draft report of literature review
Stakeholder and tribal input on draft review	Winter 2019	Stakeholder and tribal input on draft review
Address stakeholder & tribal input on review	Winter/Spring 2019	Final drafts of literature review
Present subset of completed work to Board	Jan. 2019	Subset of completed work for the Board
Present completed work to Board for their determination of sufficiency of streamside protections	Spring 2019 Board Meeting	Project complete