

Agenda Item No:	4
Work Plan Title and #:	State Forests Work Plan 2
IBI # & Title:	IBI 6 Improve the Northwest Forest Management Plan to Achieve Desired Outcomes
Presentation Title:	Clatsop and Tillamook State Forests Management Scenarios
Date of Presentation:	April 24, 2009
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SUMMARY

The purpose of this report is to provide information about a range of management approaches for Clatsop and Tillamook State Forests through the strategies and outputs from six model scenarios. This agenda item will provide context for the Board's decision regarding adapting the Northwest Oregon Forest Management Plan.

CONTEXT

At the November 2008 Board of Forestry meeting, the Department presented information on management approaches for the Clatsop and Tillamook State Forests. These management approaches were represented by two modeling scenarios:

- Performance Measure – attempted to achieve the targets for Performance Measures (PM) 3 (increase in harvest volume) and PM 6 (increase in complex structure) and
- Base Case – simulated the implementation of the Northwest Oregon State Forest Management Plan (FMP) without the draft Western Oregon Habitat Conservation Plan.

The Board requested “additional information about different alternative scenarios for increasing revenues, including: assess opportunities for increasing revenue that hold PM 3 harmless while allowing PM 6 to float.”

ANALYSIS

Both of the modeling scenarios (Performance Measure and Base Case) presented at the November 2008 Board meeting achieved the target for Performance Measure 6 (20 percent complex forest in 20 years). However, neither scenario could meet the target for Performance Measure 3 (30 percent increase in revenue in 10 years).

The Department continued analysis of the models used for the November Board meeting. Specifically, the Department conducted extensive analysis of the Tillamook yield tables, and made adjustments using cruise and cut-out data from actual timber sales (see Attachment 1). In addition, the Base Case scenario has been modified to incorporate strategies from the draft Western Oregon Habitat Conservation Plan so that the model better represents current management practices. The Department also identified and corrected minor programming and data errors.

ALTERNATIVES CONSIDERED

The Department has refined two of the model scenarios and developed models for four additional scenarios to demonstrate a wider range of management approaches for the Clatsop and Tillamook State Forests. The first scenario is based on the Board's request to "assess opportunities for increasing revenue that hold PM 3 harmless while allowing PM 6 to float." The second scenario is a variation of the Base Case that uses a 40 percent complex structure goal and a corresponding landscape design.

The Department also developed two Wood Emphasis scenarios based on the Forest Practices Act and Rules (FPA). One scenario uses the FPA Resource Site Protection Rules for northern spotted owls, while the other uses the State Forests Take-Avoidance Strategies for northern spotted owls and marbled murrelets.

The specific strategies of all six scenarios are described in Attachment 1.

The Department recognizes there is an even broader range of management approaches possible for these forests that place a greater emphasis on habitat development and recreation than the Base Case, such as the Reserve Based scenario developed under the Harvest and Habitat Model Project. The Department has not pursued development of these scenarios because they are not likely to improve the achievement of the Performance Measures.

RECOMMENDATION

No recommendation; information only.

NEXT STEPS

The Department will develop a model to analyze the species of concern strategies that are being developed. The analysis will be presented at the June 2009 meeting.

ATTACHMENT

- (1) Model Scenarios and Outputs