

Sustainable Harvest Calculation for Forested State Trust Lands in Western Washington

2007 Adjustment Project

Presentation to the Board of Natural Resources
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June 2007



WASHINGTON STATE DEPARTMENT OF
Natural Resources

Agenda

1. Policy Overview of Sustainable Harvest recalculations and adjustments
2. Review of changing circumstances
 - Riparian Forest Restoration Strategy
 - Settlement Agreement
3. Key elements for consideration in a Board resolution

Paradigm shift in thinking about the Sustainable Harvest Calculation

- Focus of the sustainable harvest has been on satisfying fiduciary duties: preserving the corpus of the trust and generating income
- Today, primary focus is still in meeting the primary fiduciary duty; however the sustainable harvest also is a tool that DNR uses to balance a multiple objectives: economic, environmental and social
- These objectives are reflected in Policy for Sustainable Forests, trust lands Habitat Conservation Plan and Board management principles

Why adjust 2004 Sustainable Harvest level?

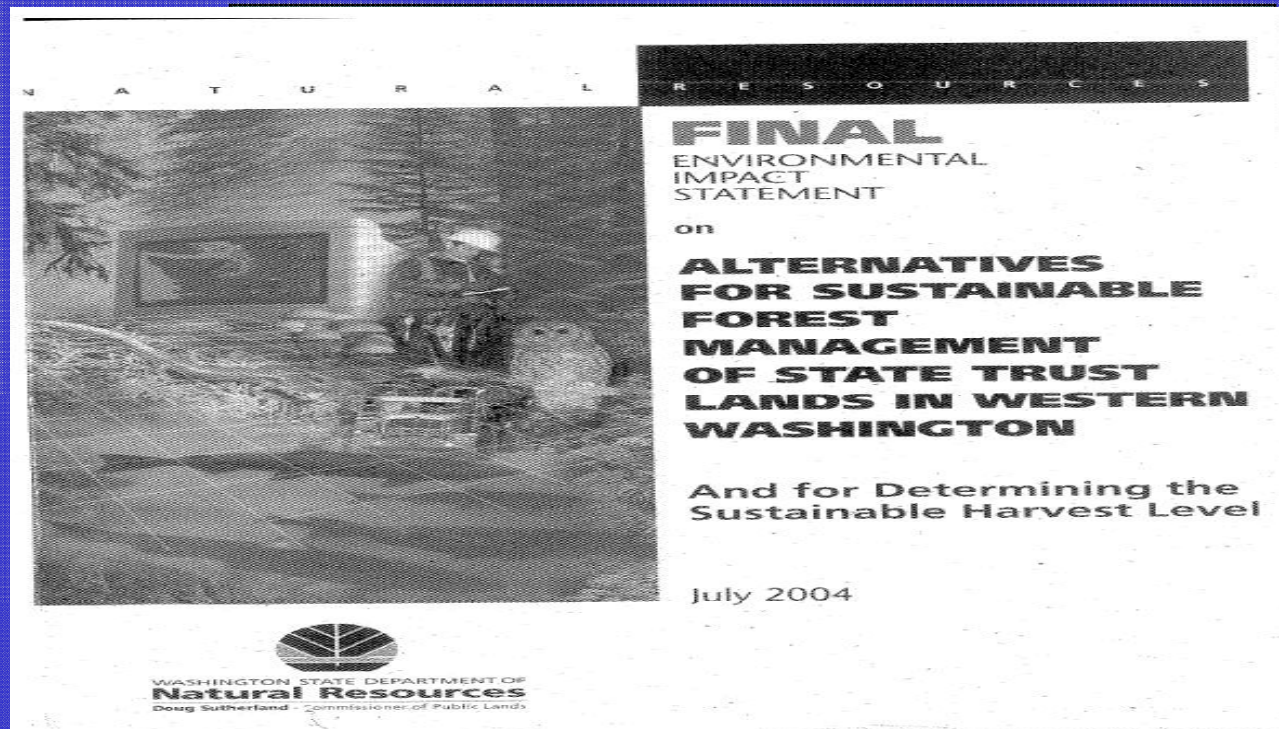
Policy on Recalculation of the Sustainable Harvest

- DNR, with Board of Natural Resources approval, will recalculate the statewide sustainable harvest level for Board adoption no less frequently than every ten years.
- DNR will adjust the calculation and recommend adoption by the Board when DNR determines changing circumstances within the planning decade suggest that an adjusted harvest level would be prudent. Such circumstances may include major changes in legal requirements, significant new policy direction from the Board, new information about the resource base available for harvest, or changes in technology.

Source: Policy for Sustainable Forests, 2006

For the current decade: 2004 -2014

1996 SHC
plus
additional
procedures
(Alt 1.No Action)



2000

2004

2007

2014

June 1, 2007

DRAFT Subject to Change

5

For the current decade: 2004 -2014

Change in circumstances

Settlement RFRS

1996 SHC plus additional procedures (Alt 1.No Action)

	ALT1	PA	2007 SHC
Net Present Value (NPV)			
NPV 2014 (\$ millions)	\$602	\$804	\$793
Decade 1 harvest level (mmbf/yr)	396	597	550
Older forests (OF)			
OF in 2067 ('000 acres)	78	137	213

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Change in circumstances

Settlement RFRS *Marbled Murrelet* Forest Land Plans

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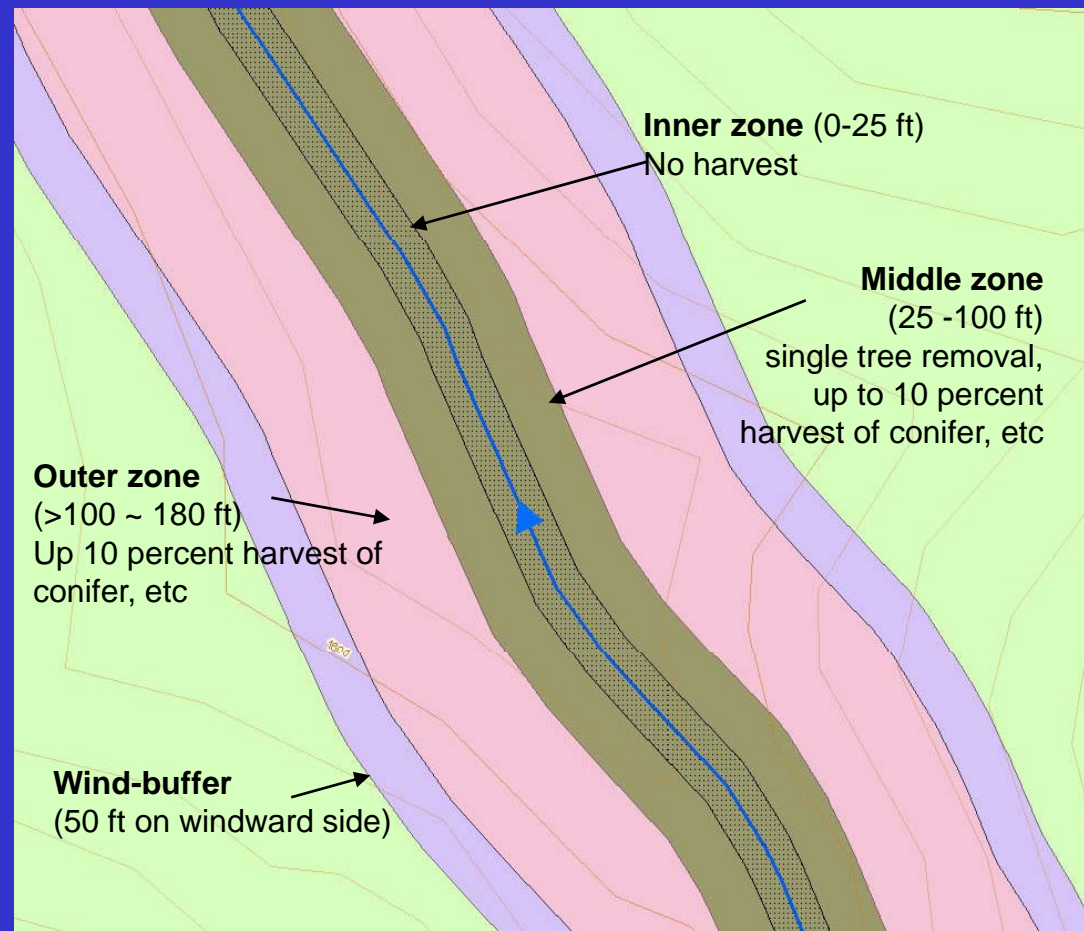
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Trust Lands Habitat Conservation Plan 2006 Riparian Forest Restoration Strategy

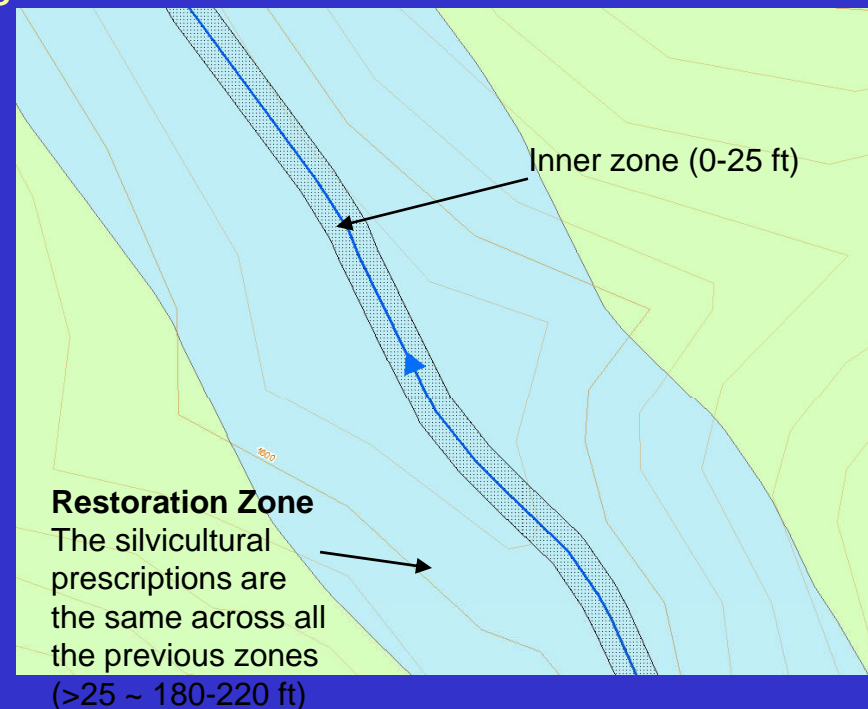


Trust Lands Habitat Conservation Plan

2006 Riparian Forest Restoration Strategy

Riparian Restoration Strategy simplifies operational layout of riparian management area from 4 zones to 2. Management in Restoration Zone:

- Intermediate restoration goal—‘riparian desired future condition’
- No management in stands in ‘riparian desired future condition’ or in stands over 70 years old
- Lower priority on hardwood conversions to conifer forests
- Limit gap/opening size to $\frac{1}{4}$ acre
- Maintain relatively high density/stocking to reduce risk of blow-down
- Limit entries into riparian areas to two for all time

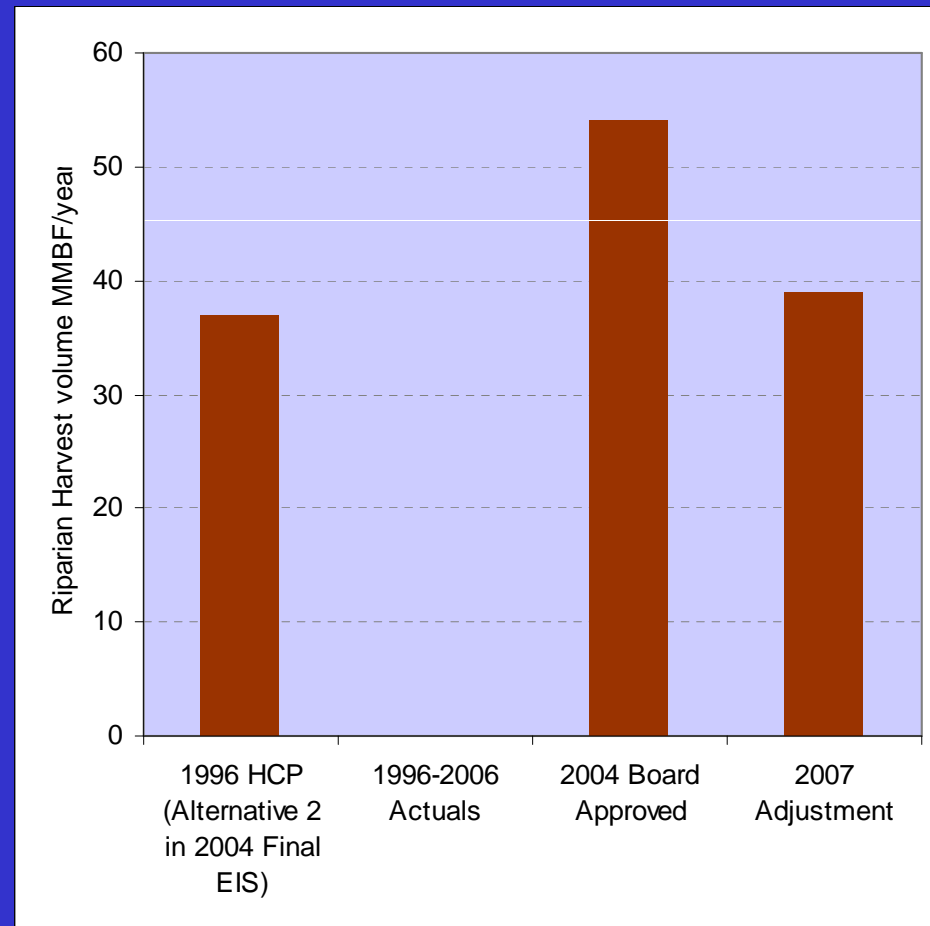


Source: DNR 2006, Implementation Procedures for the Riparian Forest Restoration Strategy

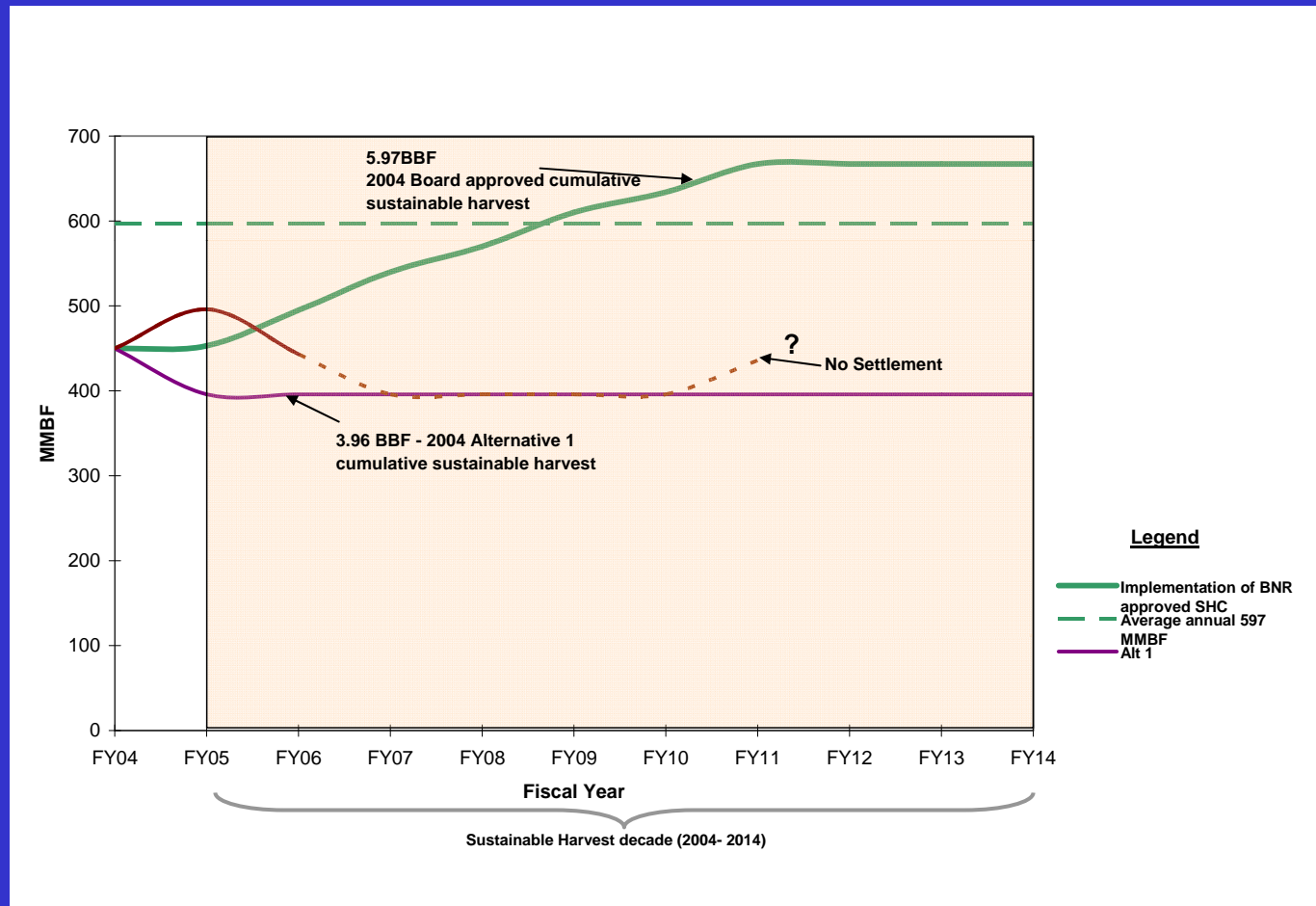
Outcomes of Riparian Forest Restoration Strategy

The Strategy:

- Meets the commitments of the 70-year Habitat Conservation Plan
- Provides flexible implementation framework
- Provides a 3-year adaptive management review



Potential Effects of the Lawsuit in decade 1



Staff recommend an adjustment to 2004 Sustainable Harvest level

- Resolution in July to adjust 2004 Sustainable Harvest due to effects of Riparian Forest Restoration Strategy and Settlement Agreement
- From discussion to date, we recommend that July resolution include:
 - Keep policy outcomes and objectives developed in 2004
 - Use Board' s Management Principles (Resolution 1110)
 - Consider changing circumstances triggering the readjustment of the sustainable harvest
 - Adjust harvest level
 - Reflect upon future anticipated adjustments this decade
- How does Board want resolution to be constructed?
 - What emphasis?
 - What content?
 - What issues should be specifically addressed?
 - What future anticipated adjustments should be included?