



# Post-disturbance Management on Forested State Trust Lands of Washington

Presentation to the Board of Natural Resources

February 6, 2018



# Topics

- Wildfire in Eastern Washington
- DNR response to disturbance



\*Eastside defined by and delineated using HCP Unit boundaries

# CANADA



# Washington Eastside Fire Impacts

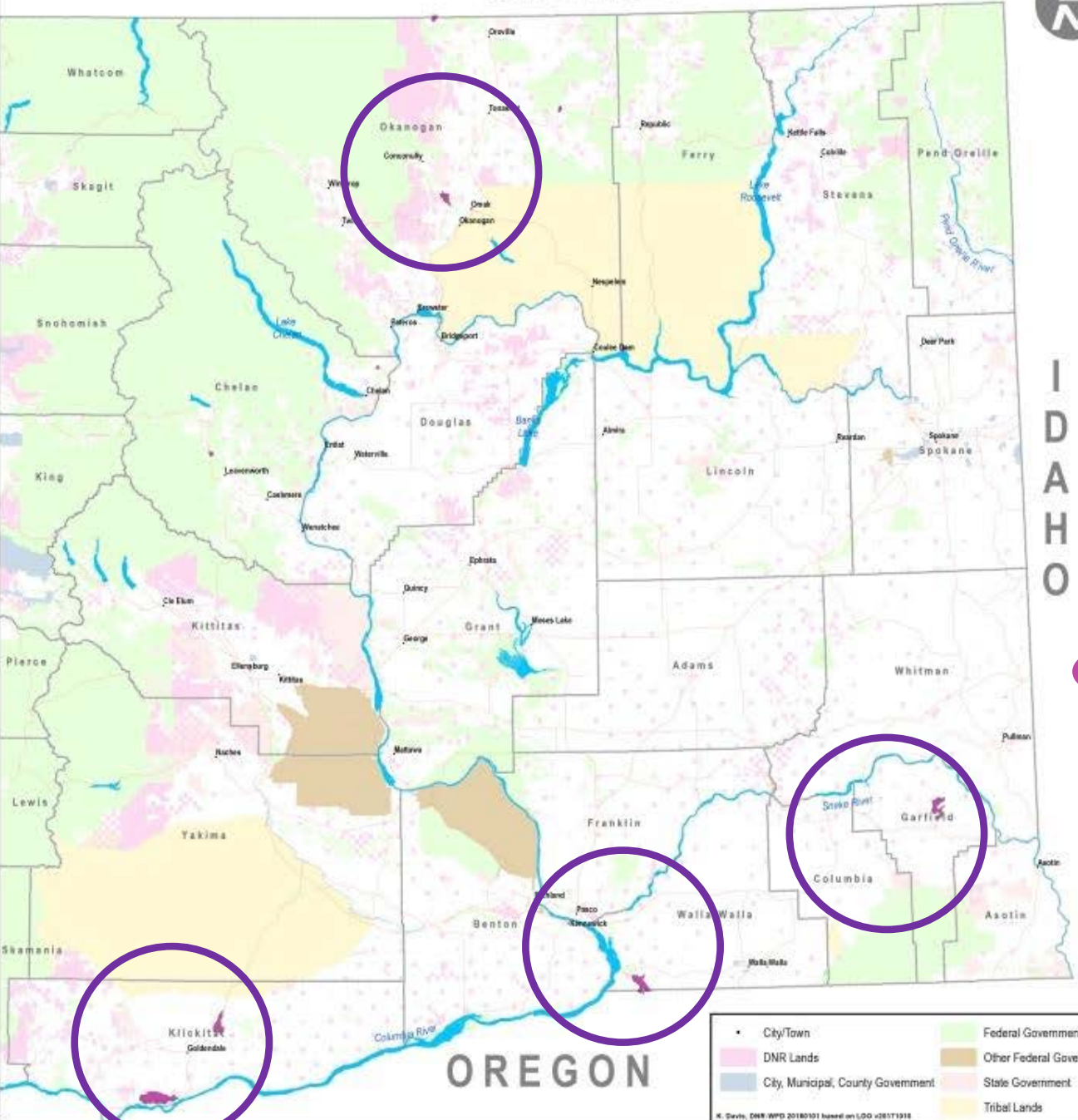


WASHINGTON STATE DEPT OF  
**NATURAL  
RESOURCES**

**DNR State Land Totals**  
Land Base: 1,560,395 ac.  
Forested Acres: 758,533 ac.

DNR Forested Areas Burned		Acres Burned	DNR Forested	All Owners
	2011	59	25,679	
	2012	8,956	410,765	
	2013	1,930	148,573	
	2014	25,336	434,365	
	2015	50,948	1,125,354	
	2016	938	300,420	
	2017	8,671	400,433	

**Total Acres:** 96,838 2,845,589



- City/Town
- DNR Lands
- City, Municipal, County Government
- Federal Government
- Other Federal Government
- State Government
- Tribal Lands

K. Davis, DNR, WPD 20180101 based on LOD v20171316

# OREGON

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





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# Guiding Principles

## 1) Retain pre-disturbance objectives

- Fiduciary
- Habitat
- Simply operating under different set of conditions

## 2) Recognize that recovery of valuable materials or “salvage” is an economic activity

- Strive to minimize ecological impacts



# Guiding Language

**Statute: RCW 79.15.210**  
**RCW 79.15.220**

Determine if salvage is in best interest of the trusts, considering the financial value of the materials, as well as the physical and social environment

**Policy for Sustainable Forests**

Catastrophic loss prevention

**Habitat Conservation Plan**

In Northern Spotted Owl habitat management areas salvage permitted, but goal is to minimize live tree harvest, maximize and clump retention of large, safe standing trees for future snags



# General Approach

- 1) Determine the extent and level of damage
- 2) Determine where its prudent to consider harvests given the changed environmental conditions
- 3) Determine how much of damaged materials can be recovered considering:
  - financial outcomes
  - budget constraints



# Screening

Within the burn areas:

- Slopes < 40 Percent
- Slope Stability Rating < 2
- Road access
- Burn severity
  - Stand replacement
  - Mixed severity
  - Patch sizes
- Volume per acre



Volume/Acre	Distance to Nearest Road		
	0-500 feet	500-1500 Feet	More than 1500 feet
10+ MBF/acre	High Priority	High Priority	Moderate Priority
5-10 MBF/acre	High Priority	Moderate Priority	Low Priority
0-5 MBF/acre	Moderate Priority	Low Priority	Low Priority



