





Forests as climate solutions

Forests — both managed and protected — have the potential to be powerful climate solutions. To keep global warming under 1.5 degrees Celsius, we need to protect intact forests, restore degraded forests, plant new forests and improve the ways that working forests are managed, according to the **Intergovernmental Panel on Climate Change**.



CLIMATE SMART WOOD GROUP

Consisting of environmental, scientific, green building, and forestry leaders, the Climate Smart Wood Group is working with urgency driven by the climate crisis.

The Climate Smart Wood Group leadership council consists of representatives from the following organizations:



Ecotrust



WORLD WILDLIFE
FUND



BORA

DAVIES-CROOKS
ASSOCIATES



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES

Climate Smart

Climate-smart forestry is good for more than just the climate

Climate-smart forestry promotes a wide array of services and goods, including community well-being, local economic vitality, watershed protection, biodiversity, and production of wood and fiber.

The following practices are often associated with climate-smart forestry:

- + **Reducing the average size of harvest openings**, increasing live-tree retention, and lengthening harvest rotations;
- + **Managing for a diversity of tree sizes, ages, and native species** that make up multiple forest conditions and habitats;
- + **Thinning unnaturally dense and fire-prone forest stands**, and restoring the capacity to withstand natural disturbances using prescribed fire and other means;
- + **Protecting water quality and aquatic habitat** with ecologically appropriate buffers along streams and around wetlands;
- + **Reducing greenhouse gas emissions and biodiversity impacts** associated with forest management and the application of chemical fertilizers, herbicides, and pesticides;
- + **Protecting high conservation value forests**, including but not limited to old growth, and protecting and restoring habitat for imperiled, threatened and endangered species;
- + **Understanding, respecting, and upholding the rights and sovereignty of tribal nations and Indigenous peoples** through early and ongoing consultation and co-stewardship of cultural and natural resources²; and
- + **Ensuring communities most impacted by forestry activities have a meaningful voice** in decision-making and benefit equitably from the outputs derived from them.



Recommendations for Sourcing Climate Smart Wood

- ✓ **Non-Industrial Timber Producers:** These might include US federal, indigenous or tribal, non-profit organizations and land trusts, and family forest owners. Canadian provincial and US state managed lands often fall into this general category but in some cases can also be managed for industrial wood production objectives. Government- and tribally-managed lands have a traceability and transparency advantage in that these provisions are generally already required.
- ✓ **Certified Wood:** Forest certification systems are voluntary, market-based tools designed to verify forestry and forest products as “responsible” or “sustainable”, enabling consumers to choose wood and other forest products that meet their environmental and social standards. The major systems in North America are the Forest Stewardship Council (FSC) and the Sustainable Forestry Initiative (SFI). Procurement of certified wood can be a relatively straightforward way for project teams to support CSF when a certification standard is strong enough to secure climate benefits.



The mark of
responsible forestry

Approximately 176,000 acres of DNR-managed forested state trust lands and natural areas within the South Puget Planning Unit are certified under the FSC® US Forest Management Standard.

DNR's FSC certificate number is:
BV-FM / COC-080501



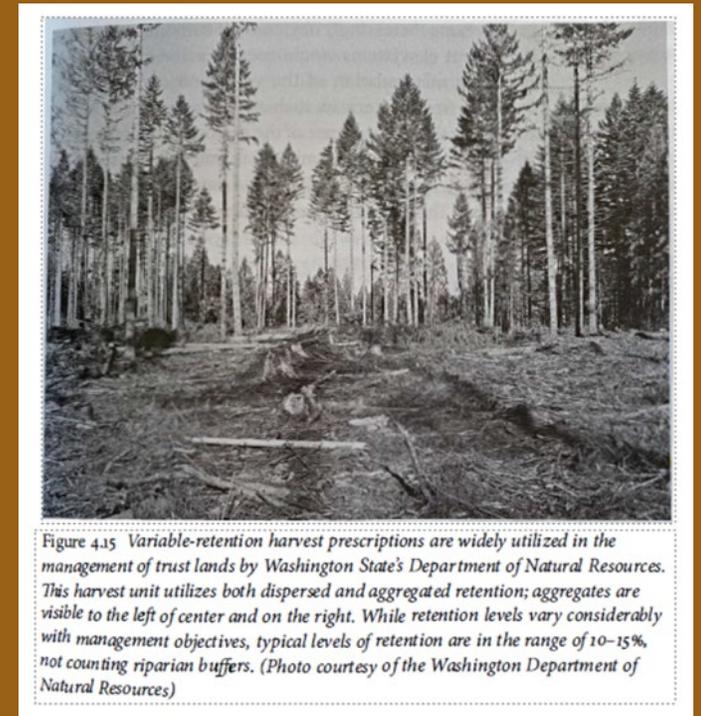
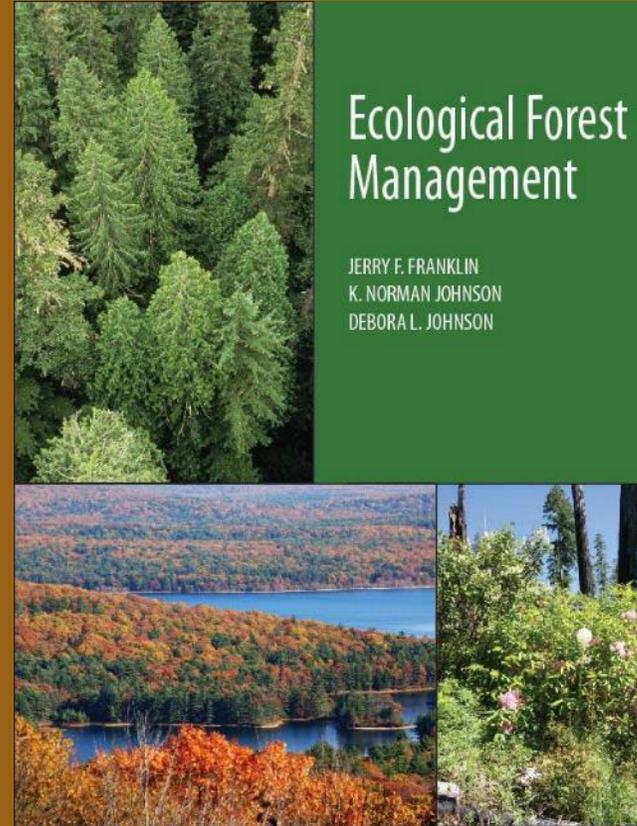
All DNR-managed forested state trust lands and natural areas across Washington State (approximately 2.4 million acres) are certified under the SFI® 2022 Standard.

DNR's SFI certificate number is:
BVC-SFIFM-018227



Recommendations for Sourcing Climate Smart Wood

- ✓ **Ecological Forestry:** Forests where restoration is occurring to enhance ecological resilience and integrity by definition offer many climate-smart benefits. Organizations and companies exist across North America that practice and promote this type of forestry every day. They have established track records of trustworthy results and are generally eager to accommodate the transparency and traceability needs of the project team.



Chapter 4 – Exemplary Applications of Ecological Forestry
Principles page 190



✓ **Above-BAU Regulations:** Some forests are governed by environmental or management regulations exceeding business-as-usual (BAU). One example are the many millions of acres in the US that are governed by Habitat Conservation Plans, which entail a set of required commitments to protect federally listed species under the Endangered Species Act. HCPs commonly require additional conservation measures and management practices that are aligned with climate-smart forestry outcomes. Forests managed under an HCP are also highly likely to have inherent documentation requirements which are complementary to project traceability and transparency objectives.

✓ **Above-BAU Practices:** Forests consistently managed using practices that exceed BAU regimes are likely to enhance climate, community, and biodiversity outcomes. This could include forests that are third-party certified [carbon projects](#) and offer carbon offset credits tied to increased carbon storage over a regulatory baseline. It could also include forests that have a positive [Carbon Stock Change Factor](#).



PRODUCT SALES & LEASING DIVISION

TIMBER SALES PROGRAM

Presentation to the
Board of Natural Resources

November 5, 2024



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES

AGENDA

- **October 2024 Results**
- **Fiscal Year 2025 Update**
- **Current Proposed Sales (Action Item)**



October 2024 RESULTS

SALES OFFERED

- 9 sales
- 36.7 mmbf
- \$7.7 million
- \$211/mbf

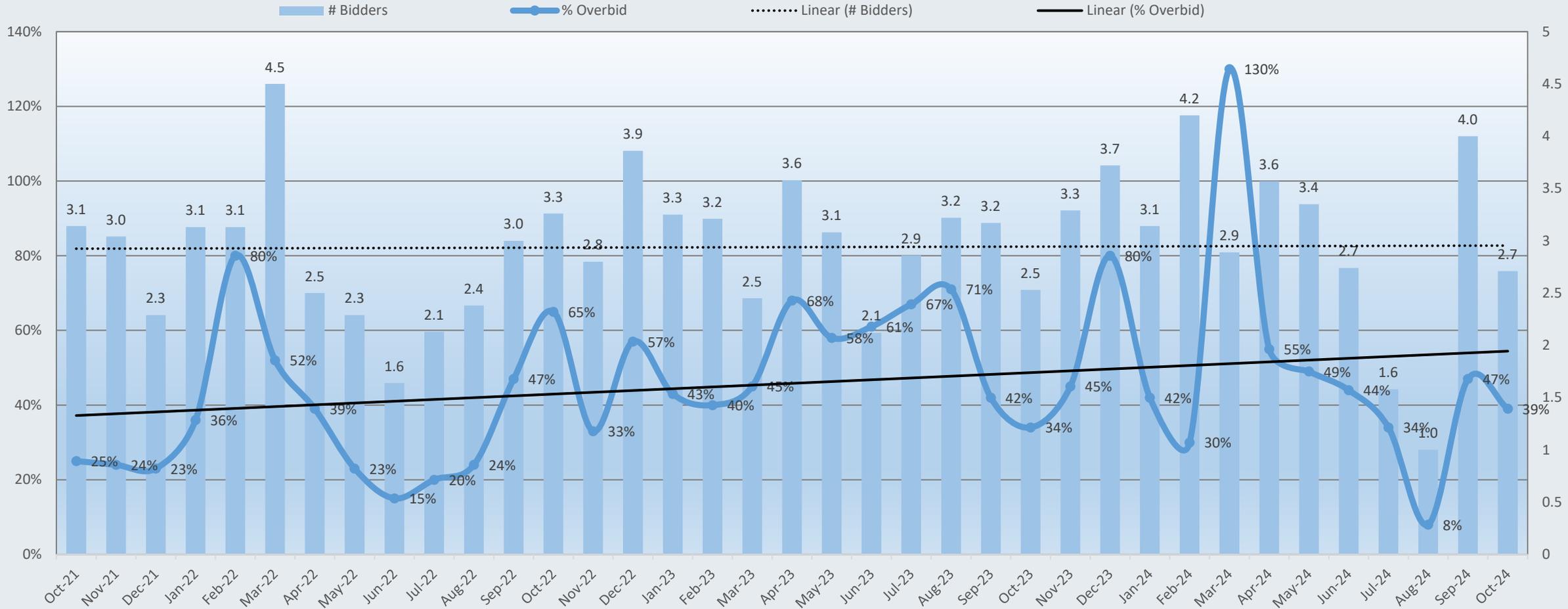
SALES SOLD

- 9 sales
- 36.7 mmbf
- \$10.8 million
- \$294/mbf
- Avg Bids: 2.56

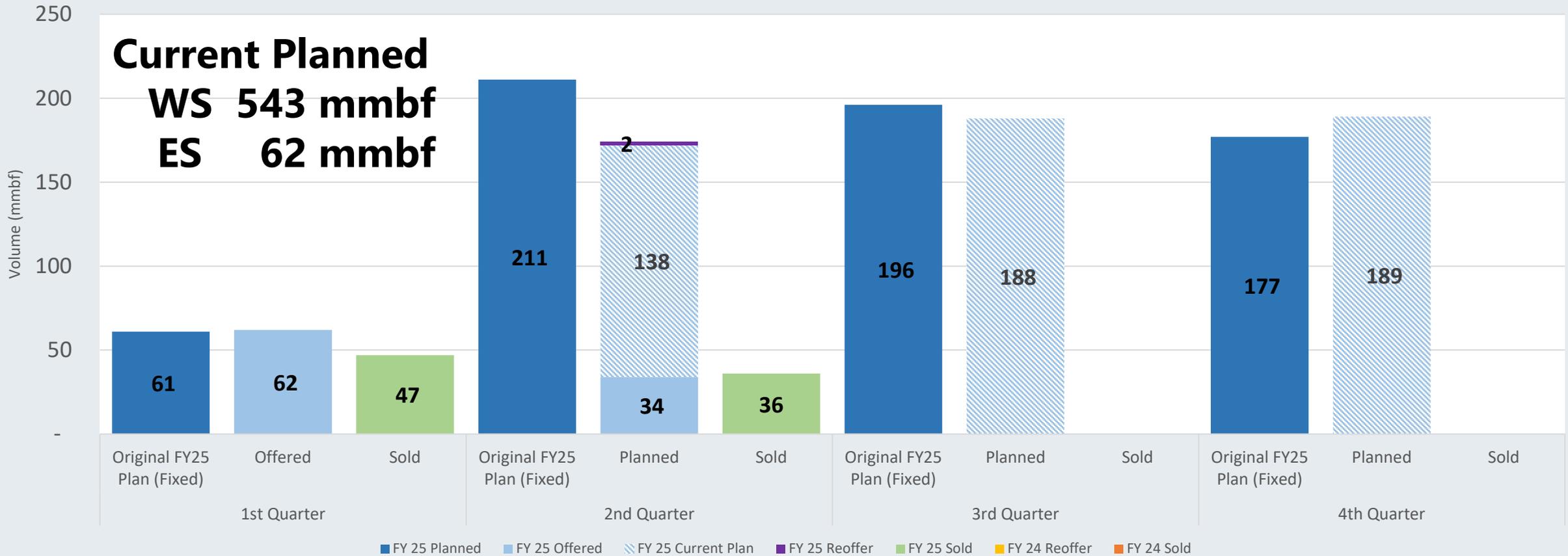


OVERBIDS

% Overbid and # Bidders for Board Sales
October 2021 to present
(Board sales only)



FISCAL YEAR 2025 UPDATE



*Original FY25 Plan volume based on internal tracking pulled 7/1/2024



CURRENT PROPOSED SALES

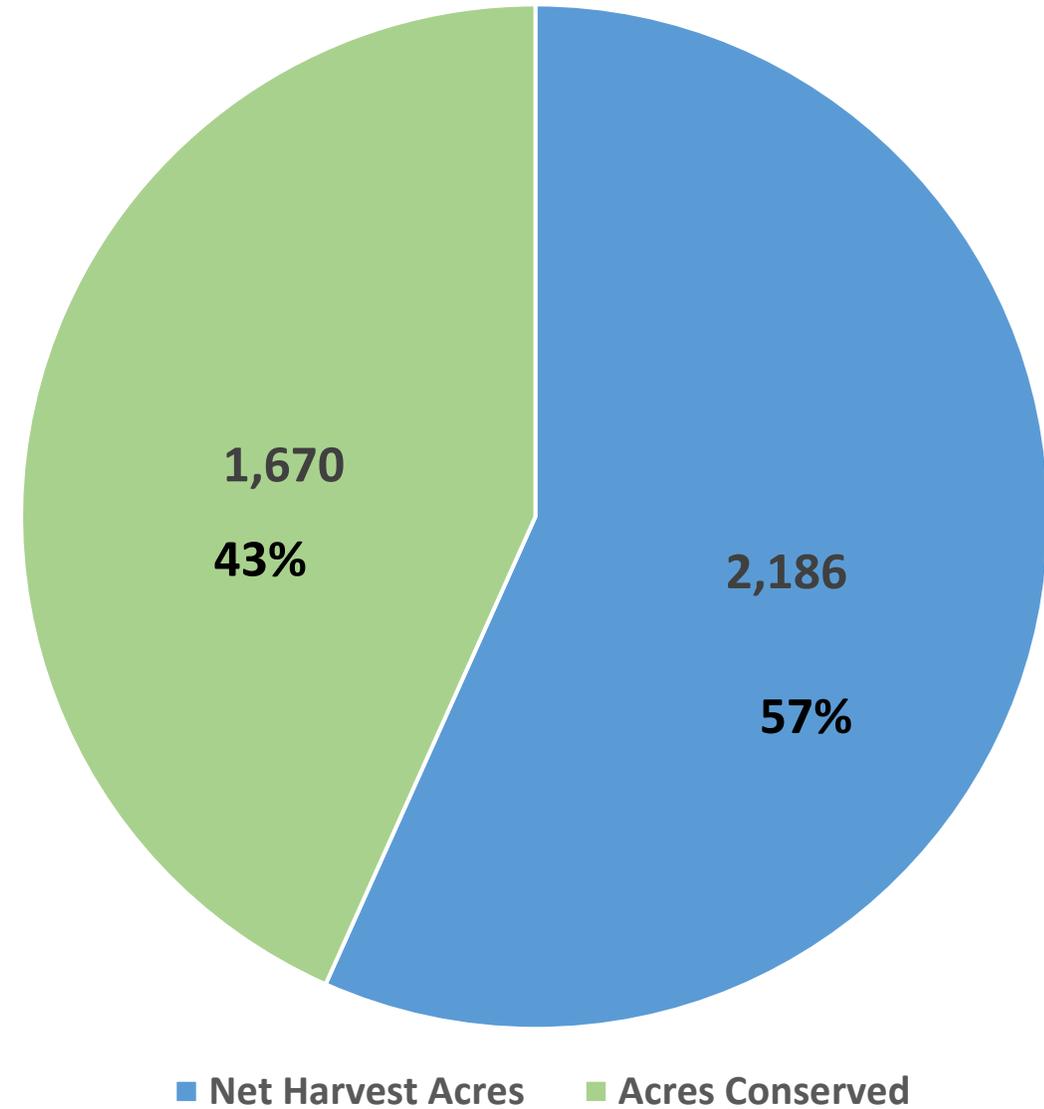
Total Proposal

- 16 sales
- 88.0 mmbf
- \$29.9 million
- \$340/mbf



CURRENT PROPOSED SALES

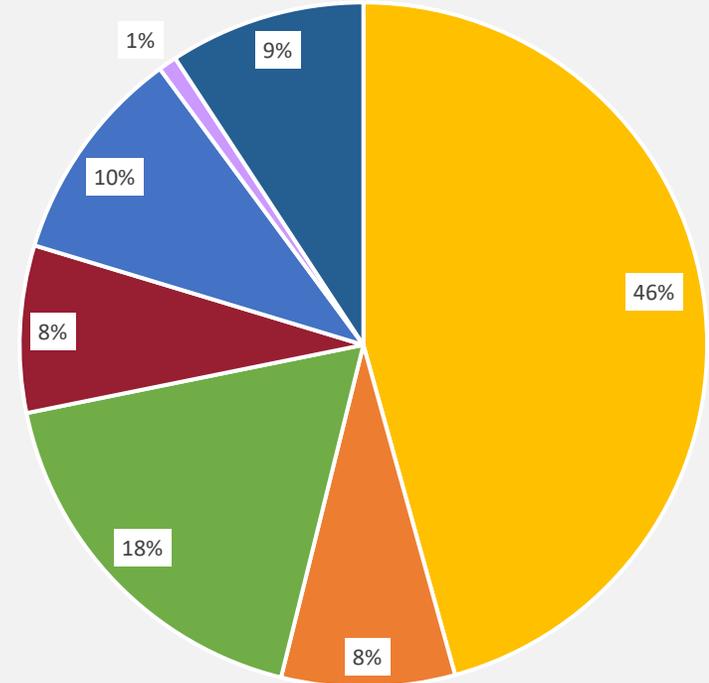
Westside Sale Proposal Acreages



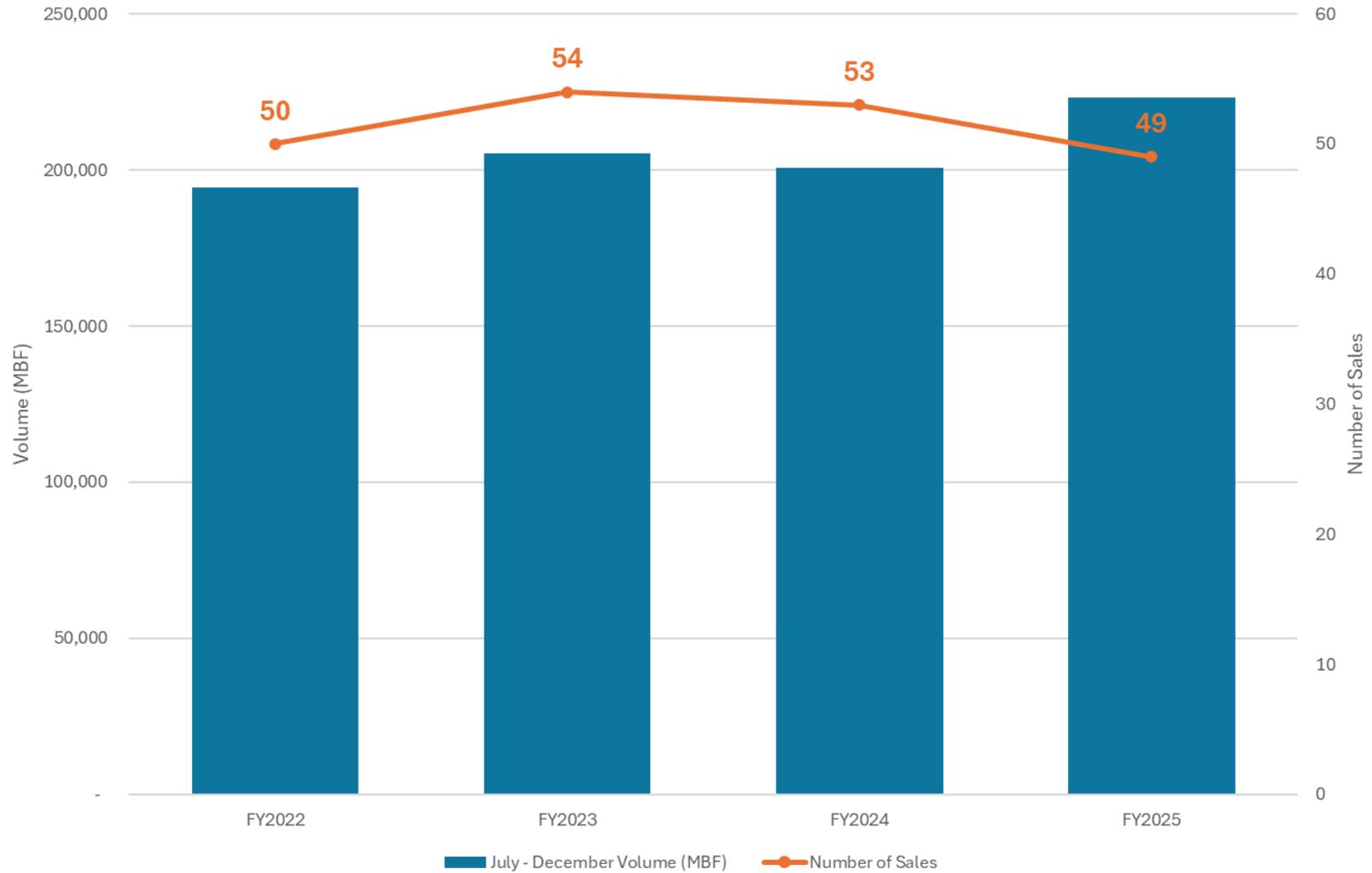
CURRENT PROPOSED SALES

Appraised Revenue % by Trust

- 01=State Forest Board Transfer
- 02=State Forest Board Purchase
- 03=Common School & Indemnity
- 04=Agricultural School
- 07=Capitol Building
- 12=Community College Forest Reserve



FY July through December Volume (MBF)



No.	County	Region	Agree #	Sale Name	Harvest Acres	Conserved Acres
1	Clallam	OLY	102017	PARCHED	183	130
2	Clallam	OLY	104800	ALLEY CAT	80	59
3	Clallam	OLY	104820	TREE WELL	202	65
4	Jefferson	OLY	107867	LAST CROCKER SORTS RESALE	142	35
5	King	SPS	103620	SYLVAN PEARL	164	166
6	Lewis	PC	106422	LUNA TIX	174	62
7	Lewis	PC	107096	FOUR SCORE	84	33
8	Pacific	PC	107463	DODGE CITY	188	120
9	Pacific	PC	107760	SHIFT THE PARADIGM	114	58
10	Skagit	NW	106183	GREENSTONE	158	388
11	Skagit	NW	106703	PEPPER POTTS	36	48
12	Snohomish	NW	103511	VW	82	94
13	Snohomish	NW	106246	COUGAR VRH VDT	149	97
14	Thurston	SPS	102082	JUNEAU	160	118
15	Thurston	SPS	103584	CARROT	73	79
16	Thurston, Grays Harbor	SPS	103592	CABBAGE PATCH	197	118
	Totals				2,186	1,670



GREENSTONE TIMBER SALE 30- 106183

Conservation Facts

Original planned area: 550 acres

Final harvest area: 157.6 acres

Conserved area: 388.4 acres

Percent conserved: 71%

Appraised Stumpage: \$180/MBF



PEPPER POTTS TIMBER SALE 30- 106703

Conservation Facts

Original planned area: 110 acres

Final harvest area: 36.3 acres

Conserved area: 47.8 acres

Percent conserved: 43%

Appraised Stumpage: \$395/MBF



ALLEY CAT TIMBER SALE 30-104800

Conservation Facts

Original planned area: 139 acres

Final harvest area: 80 acres

Conserved area: 59 acres

Percent conserved: 42%

Appraised Stumpage: \$357/MBF



PARCHED TIMBER SALE 30-102017

Conservation Facts

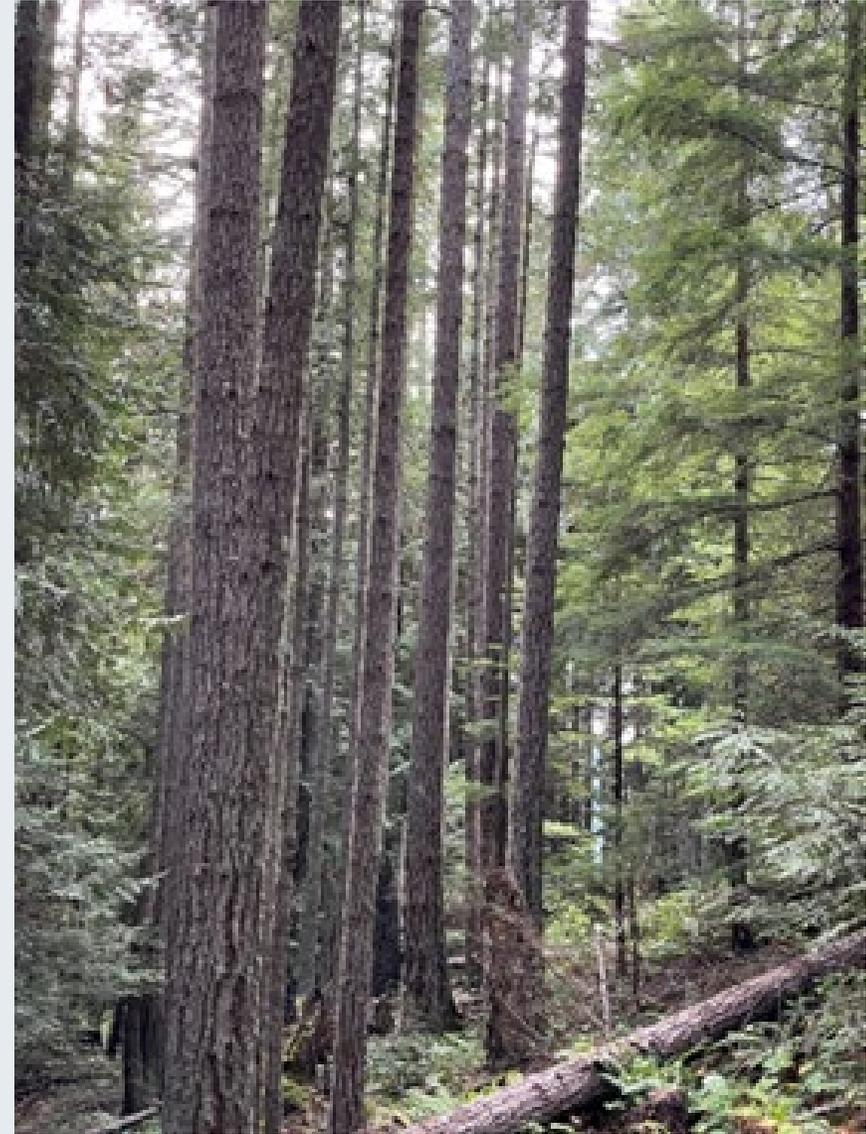
Original planned area: 314 acres

Final harvest area: 183 acres

Conserved area: 130 acres

Percent conserved: 41%

Appraised Stumpage: \$329/MBF



TREE WELL TIMBER SALE 30-104820

Conservation Facts

Original planned area: 272 acres

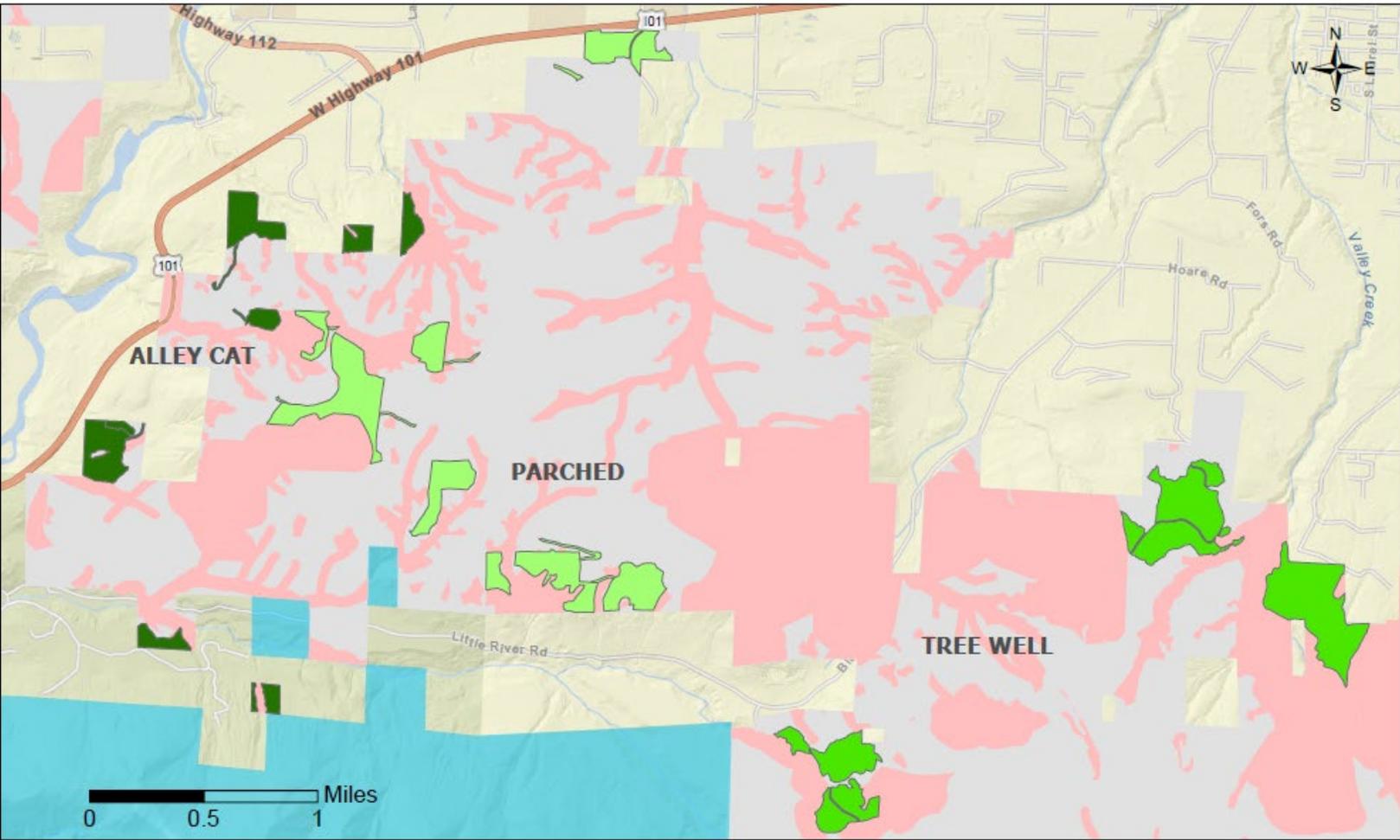
Final harvest area: 202 acres

Conserved area: 65 acres

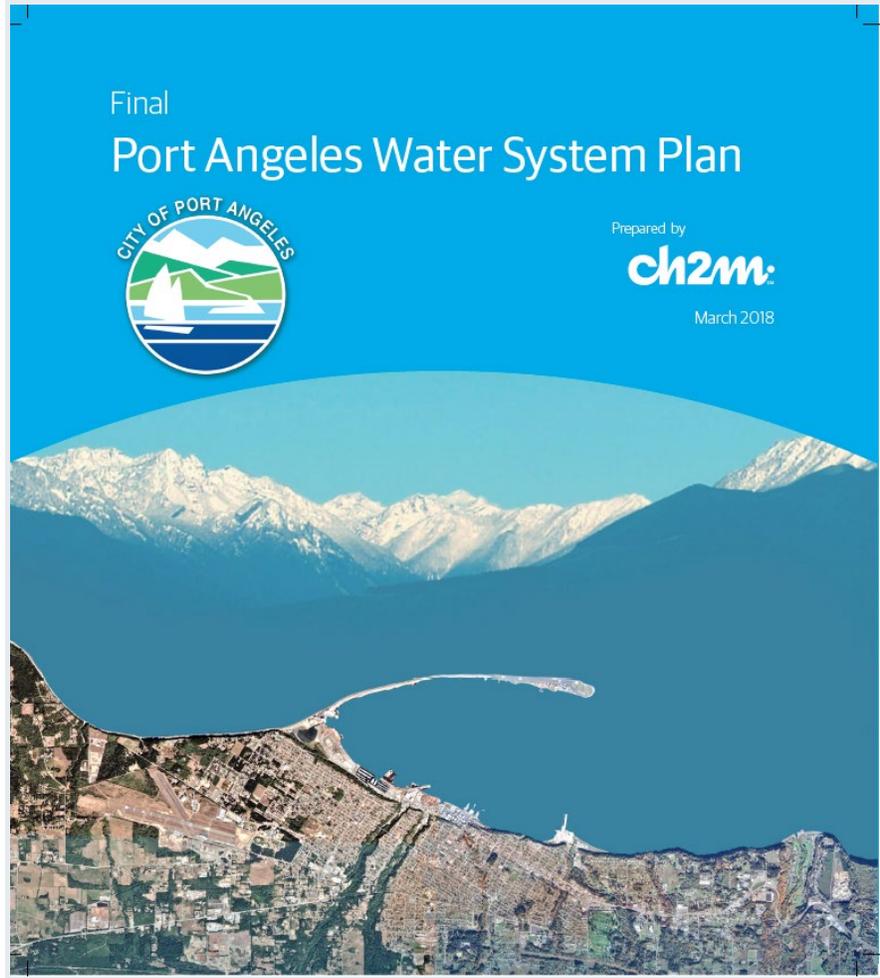
Percent conserved: 26%

Appraised Stumpage: \$325/MBF





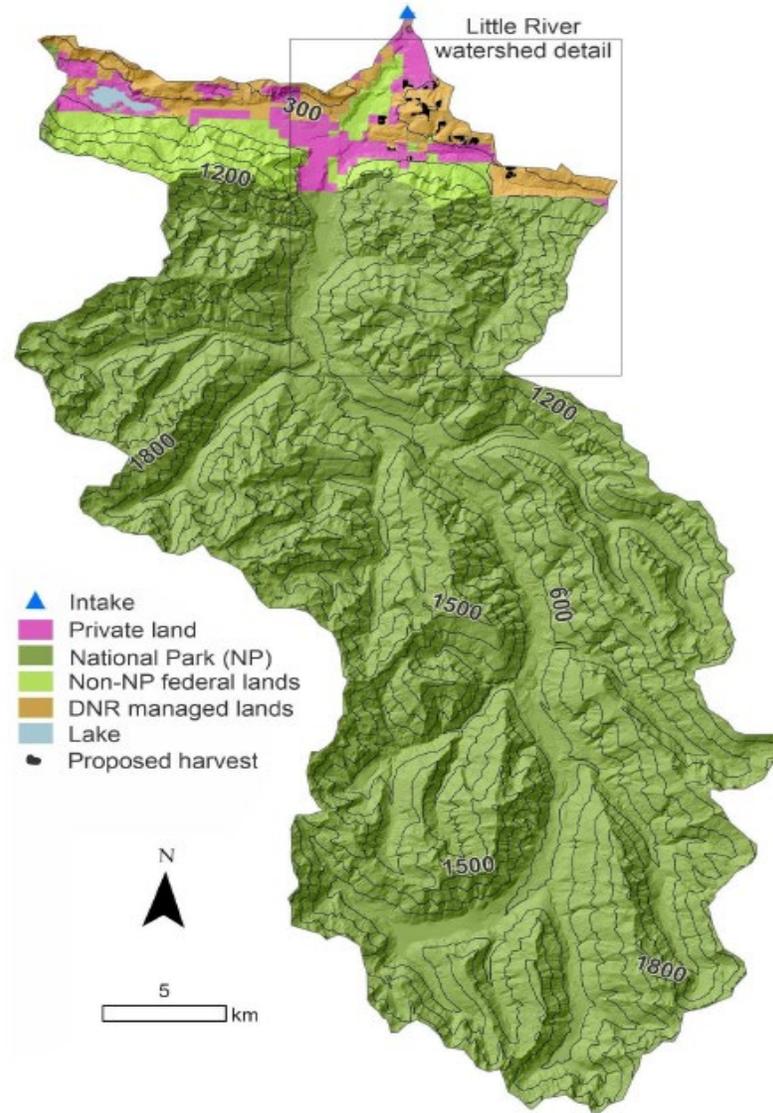
- Alley Cat TS
- Parched TS
- Tree Well TS
- VRH - Deferred
- DNR Managed Lands
- Federal Lands



Final
Port Angeles Water System Plan



Prepared by
ch2m.
March 2018



ALLEY CAT TIMBER SALE
PARCHED TIMBER SALE
TREE WELL TIMBER SALE

Road Work

Pre-haul Maintenance: 16.4 miles

Road Construction: 4.9 miles

Road Reconstruction: 1.7 miles

Culvert Replacements: 82 pipes

Yards of Rock: 29,740 yds

Estimated Costs: \$976,590.00



ALLEY CAT TIMBER SALE
PARCHED TIMBER SALE
TREE WELL TIMBER SALE

High Quality Wood

Alley Cat: \$357/MBF

Parched: \$329/MBF

Tree Well: \$325/MBF

Average Stumpage: \$337/MBF

Est Total High-Quality Volume:
4778 MBF

Junior Taxing District	Estimated Revenue Distribution
Clallam County Roads	\$ 336,493.77
Port Angeles School District	\$ 1,215,207.65
Port of Port Angeles	\$ 47,777.01
State School Funding 1	\$ 652,067.71
State School Funding 2	\$ 349,808.25
Conservation Futures	\$ 7,707.53
Clallam County	\$ 333,309.71
North Olympic Library System	\$ 126,940.71
Forks Community Hospital (District #1)	\$ 137,350.82
William Shore Memorial Pool	\$ 139,265.71
Fire District #2 (Fire-Rescue)	\$ 362,221.58
Totals:	\$ 3,708,150.45



LAST CROCKER SORTS RESALE TIMBER SALE

Conservation Facts

Original planned area: 180 acres

Final harvest area: 142 acres

Conserved area: 35 acres

Percent conserved : 19%

Appraised Stumpage: \$255/MBF



FOUR SCORE TIMBER SALE 30-107096

Conservation Facts

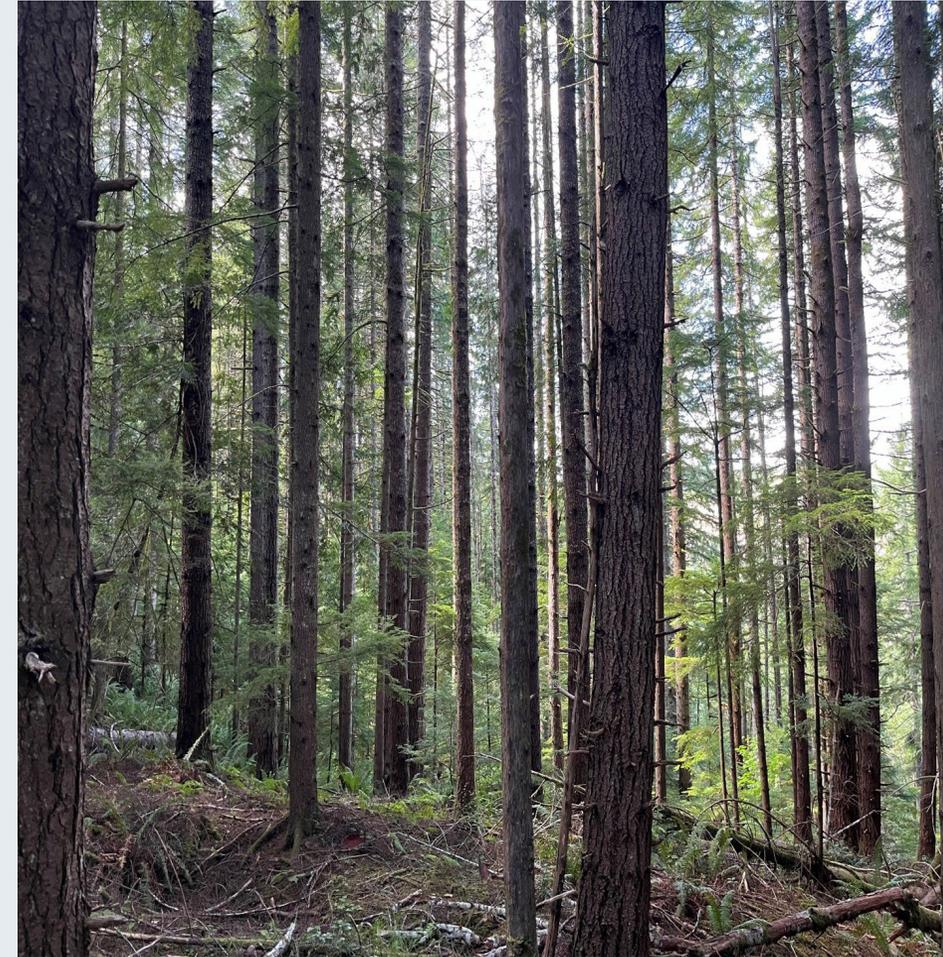
Original planned area: 120 acres

Final harvest area: 84 acres

Conserved area: 33 acres

Percent conserved: 27%

Appraised Stumpage: \$296/MBF



CABBAGE PATCH TIMBER SALE

JUNEAU TIMBER SALE

CARROT TIMBER SALE

Conservation Facts

Original planned area: 748 acres

Final harvest area: 430 acres

Conserved area: 315 acres

Percent conserved : 42%

Appraised Stumpage: \$374, \$438
& \$438/MBF



CABBAGE PATCH TIMBER SALE
JUNEAU TIMBER SALE
CARROT TIMBER SALE

Road Work

Pre-haul Maintenance: 25.5 miles

Road Construction: 2.3 miles

Road Reconstruction: 0.9 miles

Culverts: 47 pipes

Yards of Rock: 15,048 yds

Estimated Costs: \$639,890.00



CABBAGE PATCH TIMBER SALE

JUNEAU TIMBER SALE

CARROT TIMBER SALE

High Quality Wood

Juneau: \$438/MBF

Carrot: \$438/MBF

Cabbage Patch: \$374/MBF

Average Stumpage: \$416/MBF

Est Total High-Quality Volume:
5784 MBF

Junior Taxing District	Estimated Revenue Distribution
State school funding	\$769,711
Thurston County	\$302,788
Medic One	\$111,591
Port of Olympia	\$44,913
Timberland Library	\$80,297
Thurston County Roads	\$256,824
Olympia School District	\$672,877
Rochester School District	\$420,272
Public Utilities District #1	\$1,910
TOTAL:	\$2,661,182



CURRENT PROPOSED Road Work

Total Proposal

- **126.3 miles** – Pre-haul Road Maintenance
- **4.7 miles** - Reconstruction
- **15.0 miles** - Construction
- **5.4 miles** – Abandonment
- **351** - Culverts Installed
- **128,814 yards** – Manufactured
- **\$4,438,224.42** - Appraised road work

- **240 acres** - Deferred old growth



QUESTIONS?

Staff recommends all sales be approved for auction as being in the best interest of the beneficiaries and the State



