

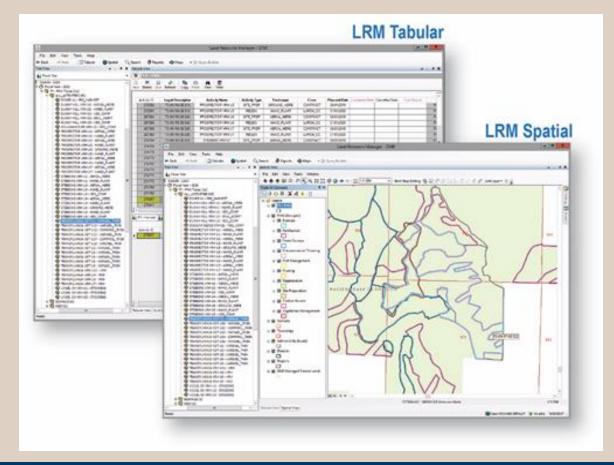
Timber Sales Layout

Brian Poehlein, State Lands District Manager Yacolt District, Pacific Cascade Region December 5, 2023

Initial Planning, 5 Years Out

A 5-year plan is developed and maintained in Land Resource Management (LRM)

- LRM is a land management app to help land managers optimize long term planning
 - Planning timeline can vary by region or district

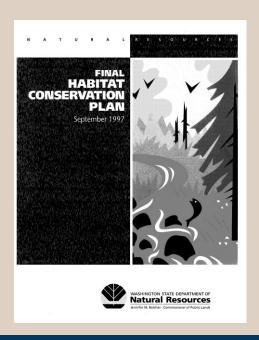


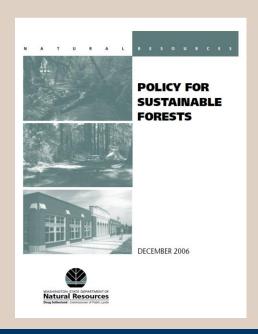
Planning Based On Volume Deliverables Per The Sustainable Harvest Calculation

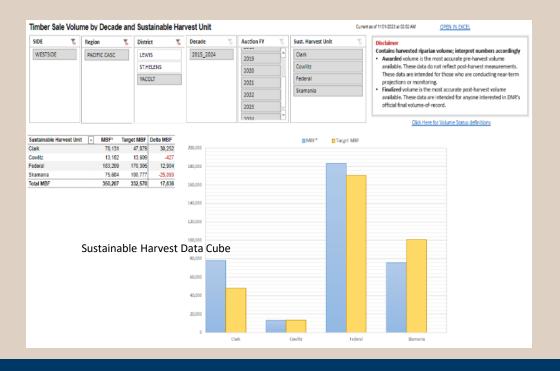
Additional Guidance For Planning

Forestry Handbook, Which Includes:

- Habitat Conservation Plan (HCP)
- Policy For Sustainable Forests (PSF)
- Procedures, tasks, interim direction







The Unit Forester Coordinates Planning With Input From Various Specialists

Some factors considered during planning process include:

- Age class & Relative Density (RD)
- Rain-on-Snow Hydrologic Maturity
- Adjacent Stand Age (Green-Up)
- Slope Stability
- Accessibility via existing and new roads
- HCP Protected Habitat & Landscape Features
- Social-Political Concerns (Neighbors, Recreation Sites, View-sheds)



Planned Sales in Part of the Larch Landscape



Lead Forester Starts Preliminary Sale Work 2 Years Out

- Detailed remote work begins
- A site visit is conducted to begin initial recon & limited ground truthing
- Preparation for sale presentation at the region's Pre-Harvest Review begins



Beginning Remote Analysis Via GIS



Initial Timber Sale Recon



Pre Harvest Review

I.D. potential critical issues & involve key staff needed

- Potential Unstable Slopes —
- Fish presence or protected habitat & landscape features —— Region Biologist
- Stream crossings and/or designed roads on steep slopes District Engineer
- Cultural Resources



PC Region Pre Harvest Review



Cliff & Talus



Archeologist

Region Geologist

Culturally Modified Tree

Critical issues & key staff needed....

- Thinning prescription or tough planting after harvest → Silviculturist
- Products such as poles or peelers —————— Marketing/Contract Specialist



Marking an Old Growth Tree



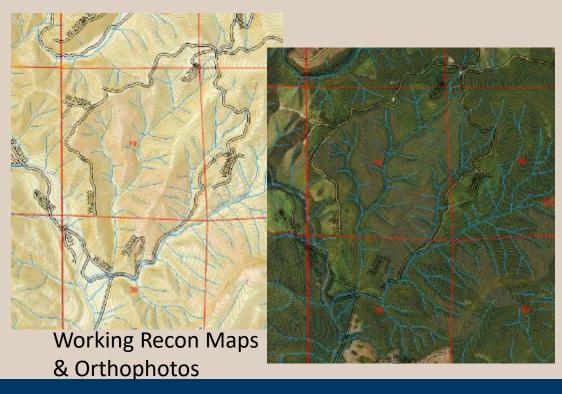
Trail In Proposed Sale Area

Field Work Starts, 18 Months Out This timeline is a region aspiration and can vary, but achieving this allows for:

- A time buffer if unexpected delays take place
- Flexibility to move sales around to better meet market conditions
- Fire fighting by staff with reduced impacts to timber sale deliverables



Field Recon Begins



Recon – What Are We Looking For?

- Verify inventory data age, size, density, species
- Potentially unstable slopes mitigate or avoid?
- Scattered residual old growth or old growth clumps
- HCP protected landscape features
- Stream typing physical characteristics, fish vs. no fish
- Access where will we build new roads and landings?
- Unit boundary locations



Cave Found in a Sale Unit



Stream Survey for Typing



Evaluating an Old Growth Clump with Biologist



Bringing in the Specialists

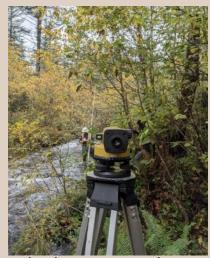
Specialists are brought in for each timber sale to ensure the best sale design possible.

Most common Specialist site visits involve:

- Geologist for potentially unstable slopes
- Biologist for stream shocking & wetland delineation
- Archeologist to assess cultural resources



Archeologist Evaluating Culturally Modified Tree



Hydrologist Conducting Level 2 Analysis

- Old Growth specialist to help delineate residual old growth
- District Engineer for complex new roads
- Other specialists as needed: Silviculturist, Hydrologist, Marketing Specialist



Biologist Using Hydric Soils To Help Delineate a Wetland



Geologist Evaluating Unstable Slopes



Some Sales Involve Social-Political Challenges...

Public outreach is based on social/political concerns. These concerns include:

- Aesthetic impacts in view-sheds seen from residential areas or public roads
- Impacts to local road use from hauling activities
- Noise impacts to neighbors
- Impacts to recreation sites such as trails, campgrounds, and day use areas

Outreach comes in many forms:



Larch Landscape In Relation to the Portland/Vancouver Metro Area



Letter Sent to Neighbors

11



Meeting With
Recreation User Group
Representatives

Wrapping up Field Work & Beginning the Paperwork, 13 Months Out All essential field work is completed around this time



Road P-Line Staked Out & Surveyed



Leave Trees Marked

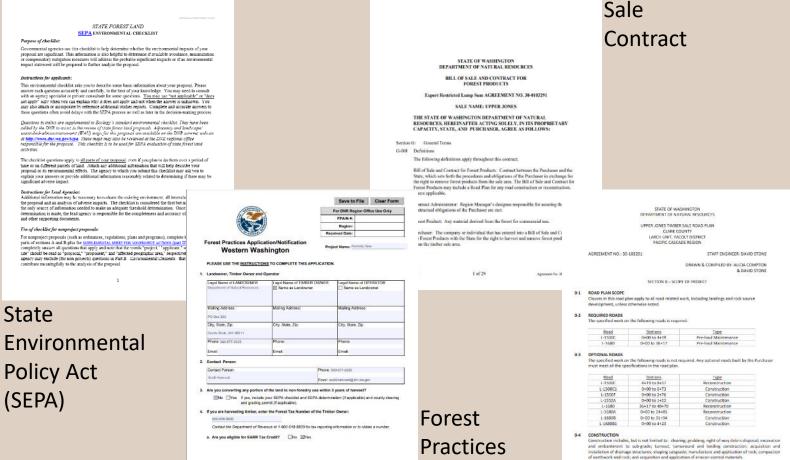




Road Slope Stake & RP Stake

Office Work Begins

This can take up to a month, depending on other commitments.



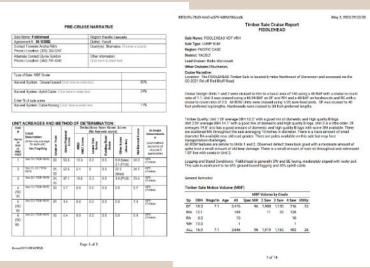
Application



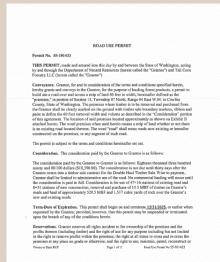
Forester Working on Timber Sale Packet

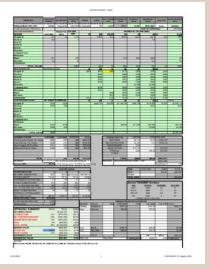
Road Plan

Bringing In The Work Done By Specialists

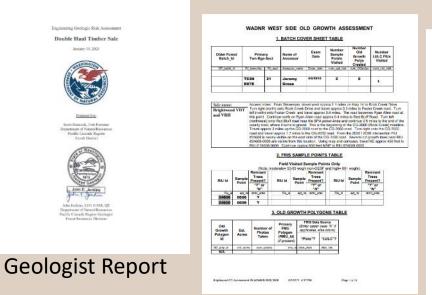


Pre-Cruise Narrative & Cruise Report





Appraisal



Old Growth Assessment



Archeologist Correspondence

Road Use Permit



Sale Package Goes To Region Product Sales Team To Finish The Process, 12 Months Out



Region Product Sales Team

Timber Sales Document Center



Region Timber Sale Tracking Spreadsheet

												FP									-
		P		Specia I BNR		Sale		LRM					Resour ces/O								
1 District		5 F Timber Sale Name		Date	Sale Month	Turn-In Date	Type	d Mbf	d Mbf	Agreeme	PA #		K FPA	u.	brid Review Status		FPA Status		O Review Status	,	SEPA Status
2 Lewis		KJ LEAPING THESPIAN SORTS	Lin		August 2024	2/1/2024		6,400	u Mili	105533 F		3		64%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
		KJ GHOST TOWN SORTS			August 2024	1/1/2024		5,518	5.518	104392 F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
4 St. Heler		KJ RUE BEE			September 2024		Lump Sun		-	106089 F		3		20%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta		Documents Ready for RC	0%	Not Ready for SEPA
5 Lewis	Independence Valley		Lin		September 2024	2/1/2024	0		-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
6 Yacok		0 SHADY GROVE VDT	Lin		September 2024	2/1/2024	MBF	1,769	-	Agreement # F		3		10%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
7 Yacok	Larch	0 PENNY PINCHER VRH THIN	Lin		September 2024	2/1/2024		3,085	-	105955 F		3		15%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
8 Yacolt	Larch	0 SILVER VISTA VRH	Lin	4	October 2024	4/1/2024	. 0	2,463	-	Agreement # F	PA#	3	No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
9 Yacok	Lewis River	0 DABBLER	Lin	k	October 2024	4/1/2024	Lump Sun	6,050	-	106156 F	PA#	3	No	3%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
10 Lewis	Mayfield	0 STEARNLOOK	Lin	ś	October 2024	4/1/2024	Lump Sun	2,815	-	106072 F	PA#	3	No	3%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
11 St. Heler	n: Stella	0 YEWTUBE	Lin	k	November 2024	5/1/2024	. 0	7,050	-	Agreement # F	PA#	3	No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
12 Lewis	Independence Valley	0 JACKIE PAPER	Lin	k	November 2024	5/1/2024	. 0	6,000	-	Agreement # F	PA#	3	No	18%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
13 Lewis	Frances	0 SHIFT THE PARADIGM	Lin	ś	November 2024	5/1/2024	. 0	5,000	-	Agreement # F	PA#	3	No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
14 Lewis	Frances	0 DODGE CITY	Lin	k	December 2024	6/1/2024	. 0	6,000	-	Agreement # F	PA#	3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
15 Lewis	Mayfield	0 LUNA TIX	Lin	k	December 2024	6/1/2024	. 0	5,829	-	Agreement # F	PA#	3	No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
16 Lewis	Independence Valley	0 FOUR SCORE	Lin	ś	December 2024	6/1/2024			-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
17 Lewis		0 INTENT	Lin		January 2025	7/1/2024		3,000	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
18 Lewis	Independence Valley		Lin	ś	January 2025	7/1/2024			-	105537 F		3		66%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
19 St. Heler		0 FINALE	Lin		January 2025	7/1/2024		6,500	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
20 Yacolt		0 RICOCHET	Lin		February 2025	8/1/2024	. 0		-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
21 St. Helen		0 WOOLLY MAMMOTH	Lin		February 2025	8/1/2024	. 0		-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
22 Yacolt	Larch	0 COPPER HEAD VRH	Lin	k	February 2025	8/1/2024	. 0		-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
23 St. Heler		0 CHANNEL CHANGE	Lin		February 2025	8/1/2024	. 0	1,100	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
24 Lewis		0 AUGER IN	Lin		March 2025	9/1/2024			-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
25 Yacok		0 SKYEBEAR	Lin		March 2025	9/1/2024	- 0	3,260	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta		Documents Ready for RC	0%	Not Ready for SEPA
26 Lewis		0 NASH	Lin		March 2025	9/1/2024		0,000	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
27 St. Heler		0 TENFIR SORTS	Lin		March 2025	9/1/2024		4,650	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
28 Lewis		0 ACTIONITEMSORTS	Lin		April 2025	10/1/2024		5,000	-	105538 F		3		53%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
29 St. Helen		0 AMOEBA	Lin		April 2025	10/1/2024	. 0		-	Agreement # F			No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
	n: Green Mountain	0 ENHANCE	Lin		April 2025	10/1/2024	0	2,511	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
	: Green Mountain	0 LITER COLA	Lin		May 2025	11/1/2024		1,966	-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
32 Lewis	Mayfield	0 HIGHLANDER	Lin		May 2025		Lump Sun		-	Agreement # F		3		0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
33 Yacolt	Three Corner Rock	0 GEODE	Lin	Š.	May 2025	11/1/2024	- 0	3,550	-	Agreement # F	PA#	3	No	0%	Documents Ready for Hybrid	0%	Not Ready for FP Submitta	0%	Documents Ready for RC	0%	Not Ready for SEPA
34																					
35				-			_	142.569	5.518			-									
36					Bulliand			142,563	5,518												
38		Sort by Auction Date			Dashboard																
38		Sort by BNR Date																			
~		JOIN DY BINK DUTE																			

Sale Package Review, 11 to 6 Months Out

Product Sales compiles sale documents & sends out for review.

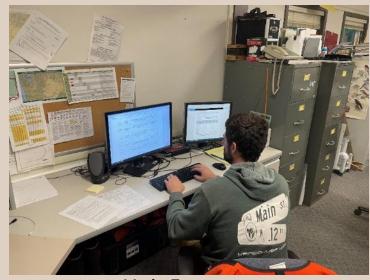
Target audience includes, at a minimum:



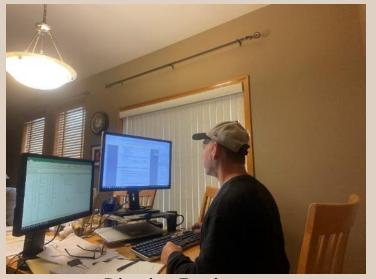


Sale Review Complete and Edits Are Made 6 Months Out

Lead Forester, Unit Forester & District Engineer review comments and make appropriate edits.



Unit Forester
Reviewing Comments & Making Edits



District Engineer
Reviewing Comments & Making Edits

Region Product Sales compiles edited packet and oversees the rest of the process.



Sale Preview Meeting, 5 Months Out

FPA Submitted to Forest Practices, 3.5 Months Out

Sale Sent To Division For Final Review & SEPA Submitted

For Comment Period, 3 Months Out

Overview of Washington State Environmental Policy Act (SEPA) SEPA publishes w Stock everylew Guide for heat agenute SEPA FAQ: . Itsusing permits for private projects such as an office building, process store, or against Guide for project applica Constructing subtile facilities like a rario school highway, or owner papeline Adopting regulations, policies, or plans such as a stump or city to ordinarco, or state water quality regulation. Seriew & commenting Apply conditions to or throug proposal when adverted error promontal impacts are identified. The State Environmental Policy Act may be Washington's most powerful legal tool for proceeding the environment. Among other things, the law responses of state entitlicial governments to · Million a compression report of the property will be a supported use of the Department of Ecology decision making along with economic and sectmical considerations...... (ECW-1329C.0324) SZPA policies and goals supplienters existing authorizations for Washington's executive, legislative an Purpose and intent and local agencies. When SERA was adopted, the same learnables, identified four primary purposes. 4. Enrich the understanding of the ecological systems and nasural resources important to To weet these purposes, state SEPA rules direct state and local agencies to Prepare environmental stocuments that are conone, clear, and to the point. Integrate SEPA with earting agency planning and licensing protestures so procedures our concurrently rather than consecutives.

Department of **Natural Resources Forest Practices**



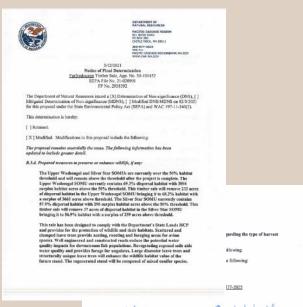
Forest practices rules

guided by science and consensus



SEPA Center

Notice of Final Determination is Completed 10 Weeks Out



Example of Notice of Final Determination







Sale Presented For Review And Approval At BNR Meeting, *7 Weeks Out*RCW 43.30.215 Powers and duties of board.

В	oard of Natural Res	ources - Roster	
Name	Term Began	Term Expires	Position
The Honorable Hilary Franz, Chair of the Board Olympia, Washington	01/2017	Ongoing	Commissioner of Public Lands
Dan Brown, Director, Vice- chair of the Board Seattle, Washington	01/2018	Ongoing	Director of the University of Washington School of Environmental and Forest Sciences
The Honorable Chris Reykdal, Superintendent Olympia, Washington	01/2017	Ongoing	Superintendent of Public Instruction
The Honorable Lisa Janicki, Commissioner Skagit County – Timber	01/2023	Indeterminate	County Representative
Wendy Powers-Schilling, Dean Pullman, Washington	08/2022	Ongoing	Dean of the Washington State University College of Agricultural, Human, and Natural Resource Sciences
Jim Cahill, Senior Budget Advisor Olympia, Washington	08/2019	Ongoing	Governor's Designee

Auction Day!



PC Region Auction

AGREEMENT FSC# NAME OF SALE COUNTY REGRO OFFERED MINISTER BID FRICE AND OVER 1005 101-01-01-01-01-01-01-01-01-01-01-01-01-									RESULTS	BOARD SALE	99						
ACREATMENT SCOR NAME OF SALE COUNTY REGRO OFFERED MISSISTEM RIGH PRICE May Well Missistem											STORY COME						
PELASANT TRUE Claims OLV 490 \$1,256,000.00 \$1,798,000.00 \$417.65 47% \$2.00 Blockwar Leging and Tracks \$100.00 \$1,0											OFFERED	REGION	UNTY	LE CO	AME OF SAL	FSC# N.	AGREEMENT
Desired Proceedings Desired Process Desired			abor Timber	3.00 16	6	73%	\$296.45	185.87	\$1,717.5	\$990,000.00	5755	OLY	turn	A Ch	TURE MORA	PK	103765
SALYAGE	cleing	ig and Truck			6	43%	\$417.65	00.00	\$1,798.0	\$1,256,000.00	4305	OLY	lara	All Cla	EASANT TIME	PL	105177
			W Timber LD	4.00 N		44%	\$363.42	48.00	5989,	\$687,000.00	2724	PC	rk.	Cla			105102
	SLLC	modern US	cetern Forest S	5.00 W	4	3.2%	\$460.74	55.00	\$2,602.	\$1,960,000.00	5654	SP	ys Harbor	Ger			103586
		ry .	umby Compac	1.00 M		7%	3411.77	12.44	\$2,859,	\$2,672,000.00	6945	SP	ye Harbor	Gra	EMLIN	CE	103594
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TTD FV 2024 32 31 1 0 121,890 119,223 327 2,400 98% \$27,852,242.32 \$40,278,691.96 \$337,84 45%	2.89	43%	\$337.84	278,691.96	54	42.32	\$27,852,24	98%	2,400	327	119,223	121,950	0	1	3.1	32	TO FY 2024

Bid Results

STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES

BILL OF SALE AND CONTRACT FOR FOREST PRODUCTS

Export Restricted Lump Sum AGREEMENT NO. 30-101634

SALE NAME: MICHIGAN TROTTER

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND NW TIMBER LLC PURCHASER, AGREE AS FOLLOWS:

SIGNATURES

This agreement may be executed in any number of counterparts (including by electronic mail in portable deocument (normat (.pdf), or by facsimile) each of which shall be deemed an original but all of which, when taken together, shall constitute one and the same Agreement binding on all narties.

IN WITNESS WHEREOF, the Parties hereto have entered into this contract.



STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES



Eric Wisch Pacific Cascade Region Manager

Date: 12/16/2021 Address: NW Timber LLC 18518 NW 41st Avenue

Date: 12/21/2021



11/19/2021

27 of 28

Agreement No. 30-101634



Signed Timber Sale Contract



Questions?



