

Pre-Operations Report

Operation Name: Wolf's Paw
County (%): Tillamook (100%)
Elevation: 640 - 2,084 ft
Legal Description: T1N R7W, Section(s) 6, 7; T1N R8W, Section(s) 1, 12, 13

Tax Code(s): 5600
BOF%: 100 **CSL%:** 0
Sale Quarter: 4

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres	MBF/ Acre ^a	MBF/ Unit ^a	\$/MBF ^b	\$/Unit
158	CC	DF-S, RA-S	52	42	22.8	958	\$323	\$309,434
915	CC	DF-M, RA-S	142	118	22.8	2,690	\$323	\$868,870
933	CC	DF-M, RA-S	57	38	22.8	866	\$323	\$279,718
Total		Regeneration	250	198		4,514		
		Partial Cut						
							Gross Value	\$1,458,022
a. Estimated harvest volume per acre for Unit.							Project Costs	\$122,300
b. Estimated ‘price’ (excluding Project Costs)							Net Value	\$1,335,722
c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood)								

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

Unit	Stand ID	Measured/Imputed ^a	Species	Age	TPA	DBH	BA	SDI	Net Acres ^b
158	30343	I = 34502	DF,RA	66	199	14	207	56%	28
158	30344	I = 35454	DF,RA	66	248	12	205	58%	11
158	32243	I = 37080	RA,DF	19	116	16	167	42%	1
915	32290	M	DF,WH	16	--	--	--	0%	11
915	32311	I = 37096	DF,RA	74	98	20	215	50%	3
915	37041	I = 31686	DF,RA	74	65	19	132	31%	8
915	37095	M	DF,RA	74	143	17	224	56%	38
915	37096	M	DF,RA	64	98	20	215	50%	59
933	30373	I = 34250	DF,RA	66	135	17	202	51%	21
933	32243	I = 37080	RA,DF	19	116	16	167	42%	6
933	32463	M	DF,RA	66	266	13	257	70%	9
933	32666	M	DF,WH	15	--	--	--	0%	1

- Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).
- Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

- These stands were planted, and a portion of Unit 933 was commercially thinned in 1997, then a small portion was retention cut in 2008, which accounts for the younger stand ages listed 32243 and 32666. Units 158 and 915 have no record of pre-commercial or commercial thinning.
- The stand boundary for 32243 is drawn incorrectly. Unit 158 does not include 19-year-old trees. The 1 acre shown in the table for stand 32243 should be included with stand 30343 and is shown as such in the remainder of this document.
- The younger stand ages listed for 32290 in Unit 915, reflect the small portion of the unit that was previously harvested. Although yarding, and some harvest will occur, the younger trees in these acres will not be targeted for harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
158	30343	5	134	Yes	--	--
158	30344	35	173	Yes	--	--
915	32290	0	770	Yes	--	--
915	32311	23	252	Yes	--	--
915	37041	5	72	Yes	--	--
915	37095	12	93	Yes	--	--
915	37096	23	252	Yes	--	--
933	30373	19	136	Yes	--	--
933	32243	12	120	Yes	--	--
933	32463	6	68	Yes	--	--
933	32666	0	770	Yes	--	--

- a. Identify the number of hard snags per acre (decay classes 1 and 2)
b. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
c. Describe "Other" forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to request the Biological Survey Tracking Form (BSTF) from the ODF Wildlife Biologist prior to sale layout in order to ensure all T&E related information is complete and understood.

1. A portion of the operation is within (Check all that apply):
☐ TAS ☐ NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
☐ MMMA (BA required) ☒ None
2. Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)
Notes:
3. Are Surveys for MM being conducted for any portion of this operation?
☒ Yes (in progress/completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)
Notes: Surveys conducted in 2022 and 2023 for Unit 933. Surveys expire 4/1/2029.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC])?
- ☐ No ☒ Yes, please describe: The ORBIC (animals) layer indicates the potential presence of fishers, which are currently classified as a species of concern. The Area Wildlife Biologist has recommended that meeting the FMP green tree, down wood and snag requirements within the sale will help provide future denning sites.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	Inside of HCA	Net Acres ^a
158	30343	UDS	GEN	No	28
158	30344	UDS	GEN	No	11
915	32290	REG	GEN	No	11
915	32311	UDS	GEN	No	3
915	37041	UDS	GEN	No	8
915	37095	UDS	GEN	No	38
915	37096	UDS	GEN	No	59
933	30373	UDS	GEN	No	21
933	32243	UDS	GEN	No	6
933	32463	UDS	GEN	No	9
933	32666	REG	GEN	No	1

- a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.
- b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration, Closed Single Canopy and Understory stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

Table 5. Partial Cut & HCA Prescriptions

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
All	CC	--	--	--	--	--

- **Leave Tree Considerations:** Foresters will work with wildlife biologist during sale layout. The following should be considered when determining final leave tree arrangements.
 - **Stand Characteristics:** Prioritize minor species, larger diameter, and open grown trees from previous harvests as part of the retention strategy.
 - **Geotechnical:** Additional wind firm leave trees will be concentrated around the No Harvest Areas within the sale shown on the Exhibit A map. Foresters will evaluate stand and topographic conditions to determine sites appropriate for these buffer areas.
 - **Green Retention Area:** Additional wind firm leave trees will be concentrated around the No Harvest Areas within the sale shown on the Exhibit A map. Foresters will evaluate stand and topographic conditions to determine sites appropriate for these buffer areas.

- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
158	60	40	>65	Established	All Weather
915	100	0	35-65	Verified	All Weather
933	100	0	<35	Simple	Dry Weather Only

1. Haul Route: Wolf Point Road, Cedar Creek Road, North Fork Wilson River Road, Wolf Creek Road, and Cedar Butte Road.
 - There are four gates along portions of Wolf Creek Road.
2. Haul Route Condition: Haul Routes in need of light grading and spot rock. Wolf Creek Road is being maintained with Lobo Canyon. Wolf Point Road has one culvert to replace.
3. Are easements required for the haul route? ☐ No ☒ Yes
 - #311.29043 for portions of Wolf Creek Road and Cedar Butte Road. Current landowner: Kathy E. Shaw. #311.29043 for a portion of Cedar Butte Road. Current landowner: Denis Schmitz.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.07	0.16
Improve, Rock, and/or Maintain	0	9.33	0	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/ new construction (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	2 (NC)	0

a. Salmon Steelhead and Bull Trout (SSBT)

4. Rock Sources for this operation: Wolf Creek Pit: Pit-Run, Jordan Creek Stockpile: Crushed.
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes
 - New road construction within RCA and HCAs will only occur when other alternatives are not operationally or economically feasible. Planned new road construction will be evaluated as it is further refined during sale layout.
 - Spur 6 in Unit 915 appears to run along a stream channel, however, this is due to a modeling error within the flowlines streams layer. The spur route has been field verified and confirmed that this

stream course does not coincide with the planned spur, although it does cross it. The flowlines are in the process of being updated with the verified field data.

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
 - Fish presence: ☒ No ☐ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R.: ☐ No ☒ Yes
 - There are streams within the sale that require additional review. Buffers shown on the map indicate where it is believed streams are located. These streams will be located, verified for permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.
2. Is a portion of the operation within an Aquatic Anchor? ☐ No ☒ Yes
 - Within the designated Aquatic Anchor streams will be buffered in accordance with strategies in the draft Habitat Conservation Plan that prioritize salmonid recovery as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.
3. Are any domestic points of diversion identified in the Oregon Water Resource Department's water rights information search GIS database located downstream within 3,000 feet of the harvest operation?

☒ No ☐ Yes, describe protection measures:
4. Are there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operation? ☒ No ☐ Yes, please describe:
5. Is there a Stream Enhancement Project planned? ☐ No ☒ Yes, please describe:
 There is potential for a stream enhancement project in Cedar Creek (Unit 933). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts. District State Forest staff shall consult with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologist to help determine the feasibility and logistics of the project during sale layout.

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete	Additional Comment
158	Yes	Yes	
915	Yes	Yes	
933	Yes	Yes	

Geotech Review: Geotechnical reviews have been completed, and slope protections have been incorporated into No Harvest buffers shown on the map. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☐ No ☒ Yes, please describe:
 - A segment of the Cedar Ridge Trail exists within sale area #915. The Marketing Unit and Roads Unit will work closely with the Recreation Program during sale layout, contract writing, and sale

administration to minimize the impact to the recreational trail and mitigate public use safety concerns. The recreation trail will be temporarily closed when safety hazards are present during timber sale activity and re-opened once sale activity is completed or when safe to do so. Trail segments impacted by road construction will be evaluated for re-route construction post timber harvest. The Recreation Program may perform maintenance upgrades to improve sustainability and improve hydrological disconnection during closure to minimize impact to the public.

IX. HISTORIC AND CULTURAL RESOURCES:

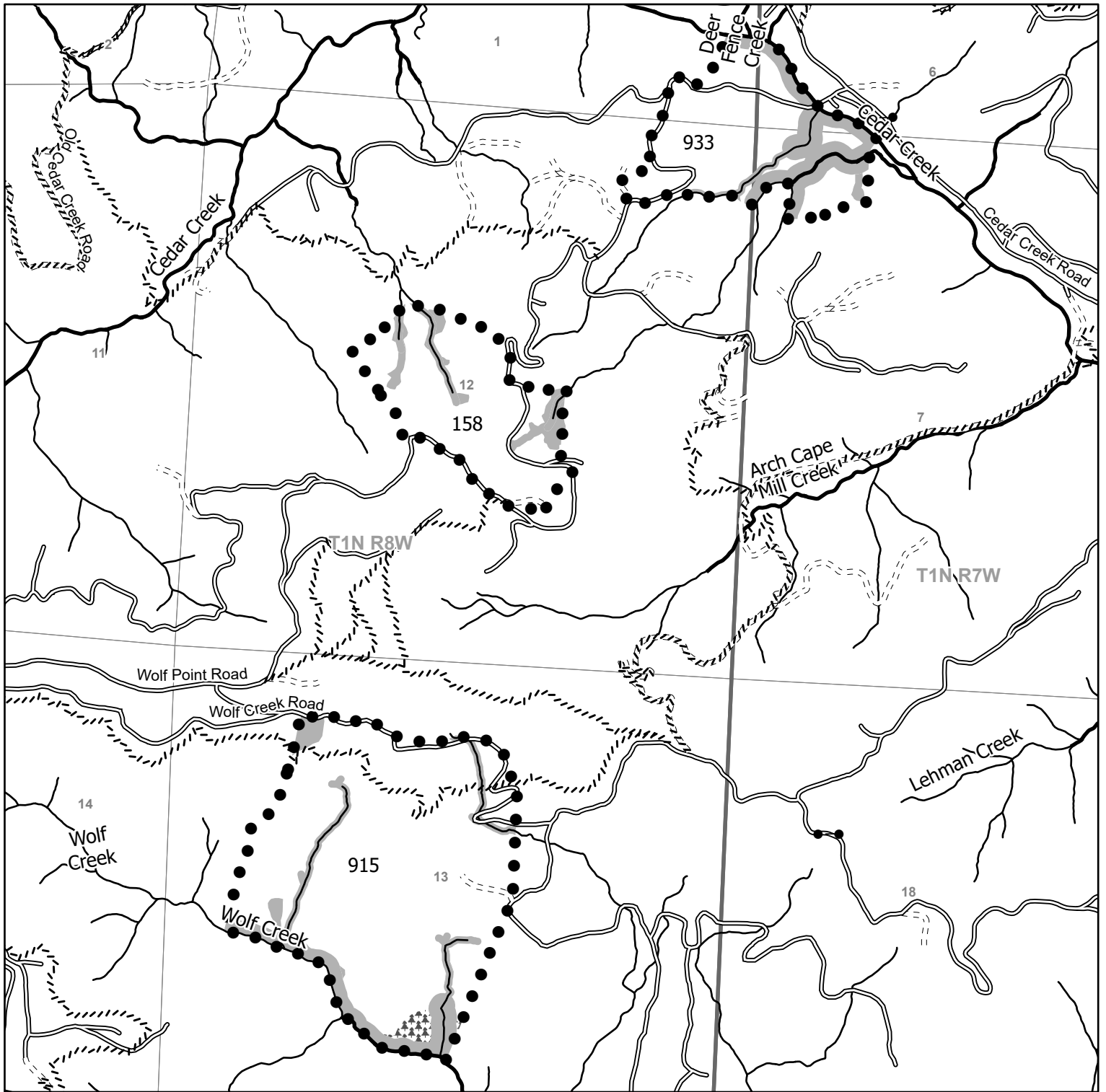
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration?
☐ No ☒ Yes
 - Portions of the sale areas may be visible from Highway 6. This will be taken into account while determining green tree retention strategies.

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? ☒ No ☐ Yes, please describe:
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
 - **No Harvest (Other):**
 - Unit 915 – Previously harvested area that may need to be yarded through and/or accommodate a landing location.
 - **Green Tree Retention Area:**
 - Foresters should consult Area Wildlife Biologist if considering revising boundary, as this could trigger a need for Marbled Murrelet surveys.
 - **Unit Size:** The current sale shape (Unit 915) is over 120 acres. There are multiple streams within the sale that require stream surveys. Depending on the results of these surveys the acreage of the sale may drop to below 120 acres. If it does not, modifications will be made to the sale boundaries to ensure that the sale is under this threshold.



- Legend**
- Gates
 - Sale Boundary
 - Surfaced
 - - - Unsurfaced
 - ▬ Ownership Boundary
 - Gates
 - Perennial Fish
 - Perennial Non-Fish
 - - - New Road Construction
 - /// Recreation Trails
 - ▲ No Harvest - Green Tree Retention
 - No Harvest Area
 - No Harvest - Existing Road; New Construction

FY 2026 - Tillamook District
Wolf's Paw
Portions of Section(s)
6, 7, T1N, R7W & 1, 12, 13, T1N, R8W, W.M.
Tillamook County

State Forest Division
03/19/2025

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry. This map was developed using the Statewide Flow Line layer.

1:15,800

Unit 158	42 Acres (CC)
Unit 915	118 Acres (CC)
Unit 933	38 Acres (CC)

Total 198 Acres

1,000 500 0 1,000 Feet

