

Pre-Operations Report

Operation Name: Tin Man Alder

County (%): Clatsop (100%)

Elevation: 558 – 1,050 ft

Legal Description: T4N R7W, Section(s) 3; T5N R7W, Section(s) 33

Tax Code(s): 8-01, 8-02

BOF%: 100% **CSL%:** 0%

Sale Quarter: 1

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
1	CC	RA-S, DF-S	44	26	25.0	650	\$400	\$260,000
2	CC	DF-M, RA-S	12	8	25.0	200	\$400	\$80,000
Total		Regeneration	56	35		850		
		Partial Cut						
						Gross Value		\$340,000
a. Estimated harvest volume per acre for Unit.						Project Costs		\$41,300
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$298,700
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 ¹	Species	Age	TPA	DBH	BA	SDI	Net Acres ²
1	24131	M	DF,RA	36	160	13	151	41%	6
1	24155	M	RA,SS	70	141	16	206	52%	20
2	24104	M	RA,DF	77	169	16	240	61%	8

1. Identify the source of stand inventory information. Use the following codes: M = Measure SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).

2. Net Acres have been rounded to the nearest whole acre in this table. Stands that comprise less than one acre of a harvest unit are not reported in this table. Total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

Table 3. Additional Stand Information

	Stand	Snags/	Down Wood/	Forest Health		
Unit	ID	Acre ¹	Acre ²	SNC	Phellinus	other ³
1	24131	4	819			
1	24155	29	165			
2	24104	9	489			

1. Identify the number of hard snags per acre (decay classes 1 and 2).

2. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)

3. Describe "Other" forest health issues

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to read the Biological Survey Tracking Form (BSTF) prior to sale layout in order to ensure all T&E related information is understood. (Consult the ODF Wildlife Biologist assigned to your District for the BSTF.)

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 were conducted in 2022 and 2023.
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?

☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ¹
1	24131	UDS	GEN	No	6
1	24155	UDS	GEN	No	20
2	24104	UDS	GEN	No	8

1. Net Acres have been rounded to the nearest whole acre in this table. Stands that comprise less than one acre of a harvest unit are not reported in this table. Total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.

Table 5. Partial Cut Prescription (Complete only for Partial Cut Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	CC					
2	CC					

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	80	20	35-65	Established	All Weather
2	20	80	35-65	Established	All Weather

1. Haul Route (list roads to be used for this operation):

• Osweg Creek Road

¹ Oregon Biodiversity Information Center
Astoria District
Approved – June 2024

2. Haul Route Condition (Describe specific considerations for this route, such as: seasonal restrictions, load restrictions, surface condition, truck turn arounds, recreation sites, etc.):
- A road maintenance project is planned for replacement rock and maintenance needs. Interior working spurs will be assessed during sale layout to determine if more extensive road maintenance is needed.
 - Efforts will be made to minimize road maintenance or improvements while keeping the road in a condition to support all season use.
 - Project work for this sale may be done with a work order contract.
3. Are easements required for the haul route? ☐ Yes ☒ No

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.1	0
Improve, Rock, and/or Maintain	0	3.7	2.2	0
Block (Dormant)	0	0	0	0
Vacate	0	0	0	0
Stream Crossings: install on existing road (IE)/replace on existing road (R)/install on new construction road (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

4. Rock Sources for this operation:
- Flat Iron and Sterling Ridge Stockpiles. Pit-run is available at the Sterling Ridge Quarry.
5. Are property line surveys required for this operation? ☐ Yes ☒ No
If “yes”, describe the lines to be surveyed, type of survey (i.e. section subdivision, refresh previously established line, etc.), miles of line to be surveyed, and how the survey will be accomplished (i.e. ODF staff, contractor).
- The west boundary of Unit 2 is along private ownership. Refresh previously established line. If line cannot be located, it will be necessary to survey the line. It is anticipated that this work will be accomplished during sale layout.

VI. AQUATIC RESOURCES:

1. Operating within the Inner Zone of a Type F stream? ☒ No ☐ Yes, describe the goal and prescription within this zone:
2. Do any streams need fish presence surveys? ☐ No ☒ Yes
- One tributary to Osweg Creek in Unit 1 and one tributary to the Nehalem River on the west side of Unit 2 were contracted out to be surveyed in the spring of 2023. The data is still being compiled as of AOP approval but will be utilized during sale layout.
 - Buffers shown on the map indicate where it is believed perennial streams are located. Field verification and stream surveys will be used to verify final locations.

3. Are there H.E.R./P.D.F.T streams present? ☒ No ☐ Yes
4. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
5. Are any streams classified as Domestic Water Use (FPA definition)? ☐ No ☒ Yes, describe protection measures:
 - There is a point of diversion Site in Unit 1 on Osweg Creek for the Elderberry Community Water System. This water use site is actually a point of diversion from upstream of Unit 1 so no impacts are expected and no special considerations will be required.
 - There is a point of diversion site on the west side of Unit 2 near the Unknown tributary of the Nehalem River. The database shows two points of diversion; one directly adjacent to the unit and one approximately 3,200 feet downstream. Prior to sale layout efforts will be made to identify the point of diversion and contact the landowner if necessary.
6. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Additional Harvest Review Needed?	Public Safety Review Complete?	Additional Comment
1	N	Y	Note location of community water system intake and structures.
2	N	Y	

Geotech Review: Prior to posting boundaries sale layout forester need to review Geotech recommendations within the Geotech review layers.

VIII. RECREATION RESOURCES:

Recreation issues/coordination: ☒ No ☐ Yes, please describe:

IX. HISTORIC AND CULTURAL RESOURCES:

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

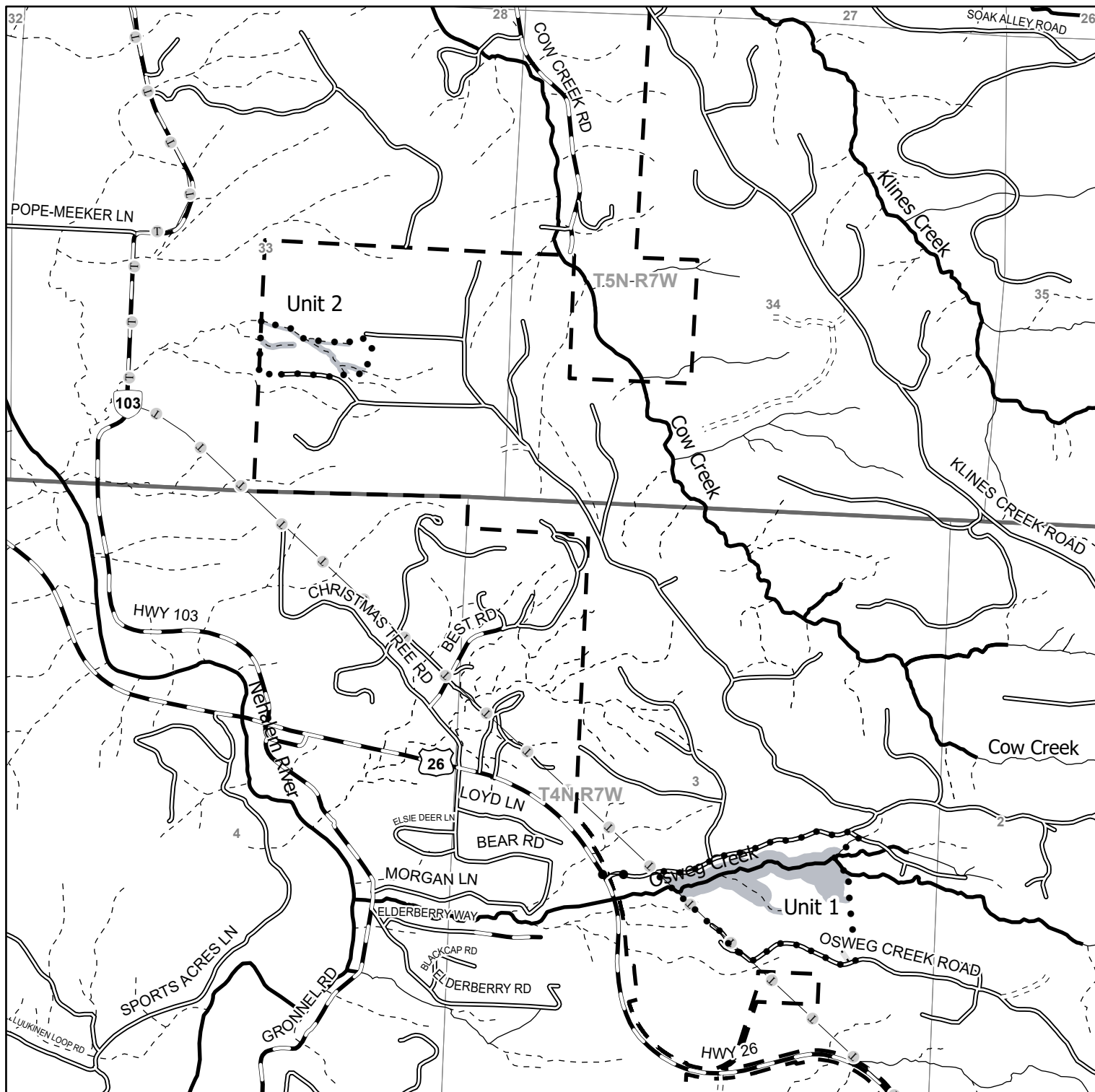
X. SCENIC RESOURCES:

Are there scenic resources in the vicinity of this operation that need additional consideration? ☒ No ☐ Yes, please describe:

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, describe below
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:

Transmission Lines: There are transmission lines located west of Unit 1. No operations should be planned under the power lines or in the corridor.



Legend

- • Sale Boundary
- • Gate
- Transmission Line
- Paved Road
- Surfaced Road
- Unsurfaced Road
- - - New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- Unknown Stream
- Ownership Boundary
- No Harvest Area

FY 2025 - Astoria District
Tin Man Alder
Portions of Sections 1, 2, 3, & 11, T4N, R7W, and
Portions of Section 33, T5N, R7W, W.M.
Clatsop County

Unit 1 26 Acres (MC)
 Unit 2 8 Acres (MC)
 Total 35 Acres

State Forest Division
 07/01/2024

This product is for informational use and may not be
 suitable for legal, engineering, or surveying purposes.

1:18,000

1,000 500 0 1,000 Feet

