

Pre-Operations Report

Operation Name: Toto
County (%): Clatsop (100%)
Elevation: 1,104 – 1,607 ft
Legal Description: T4N, R7W, Sections 1, 2, 11

Tax Code(s): 8-01
BOF%: 100% **CSL%:** 0%
Sale Quarter: 3

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ³	Gross Acres	Net Acres	MBF/Acre ¹	MBF/Unit ¹	\$ / MBF ²	\$ / Unit
1	CC	DF-L, WH-M	55	45	45.0	2,025	\$525	\$1,063,125
2	CC	DF-L, NF-L	52	41	50.0	2,050	\$525	\$1,076,250
Total		Regeneration	107	86		4,075		
		Partial Cut						
Gross Value							\$2,139,375	
1. Estimated harvest volume per acre for Unit.							Project Costs	\$82,800
2. Estimated 'price' (excluding Project Costs)							Net Value	\$2,056,575
3. 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	24535	I = 24081	DF, RA	72	102	19	196	47%	45
2	24190	I = 24175	DF, RA	72	135	17	210	52%	5
2	24534	I = 24301	DF, NF	69	55	24	168	37%	35

- 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).
- 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.

- Units 1 and 2 were previously thinned in 2004.

Table 3. Additional Stand Information

	Stand	Snags/	Down Wood/	Forest Health		
Unit	ID	Acre ¹	Acre ²	SNC	Phellinus	other ³
1	24535	22	309			
2	24190	11	240			
2	24534	8	109			

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 for both units in 2022/2023 and expire on 04/01/2029.
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC], 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	24535	LYR	GEN	No	45
2	24190	UDS	GEN	No	5
2	24534	UDS	GEN	No	35

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	60	40	35-65%	Established	All Weather
2	40	60	<35%	Established	All Weather

- Haul Route: Osweg Creek Road
- Haul Route Condition:
 - A 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.
 - Osweg Creek Road was recently improved with the FY24 Tin Man Alder sale.
- 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	0.2	0.1
Improve, Rock, and/or Maintain	0	2.4	0.9	0
Block (Dormant)	0	0	0	0.1
Vacate	0	0	0	0
Stream Crossings: install on existing road (IE)/replace on existing road (R) <u>/install on new construction road (NC)</u>				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	1 NC

a. Salmon Steelhead and Bull Trout (SSBT)

- Rock Sources for this operation:
 - Lost Lake Stockpiles. Pit-run is available at the Sterling, Flat Iron, or Lost Lake Quarry.
- Are property line surveys required for this operation? ☐ Yes ☒ No
- Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No
 - New road construction within RCA and/or 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. As part of new construction a Type N stream crossing is needed to access the flat ground on the eastern portion of Unit 2. The crossing will be removed upon completion of use.

VI. AQUATIC RESOURCES:

- Do any streams additional review for the following?
 - Fish presence: ☒ No ☐ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R./P.D.F.T: ☒ No ☐ Yes

- There are several 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 fish presence, 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, name:
 3. Are any Points of Diversion (Domestic Water) located downstream within 3,000 feet of Operations?
☒ No ☐ Yes, describe protection measures:
 4. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
1	N	Y	See Recommendations
2	N	Y	See Recommendations

- **Geotech Review:** Harvest Unit Review Complete, Stream Review is not: Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout as streams surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

1. 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

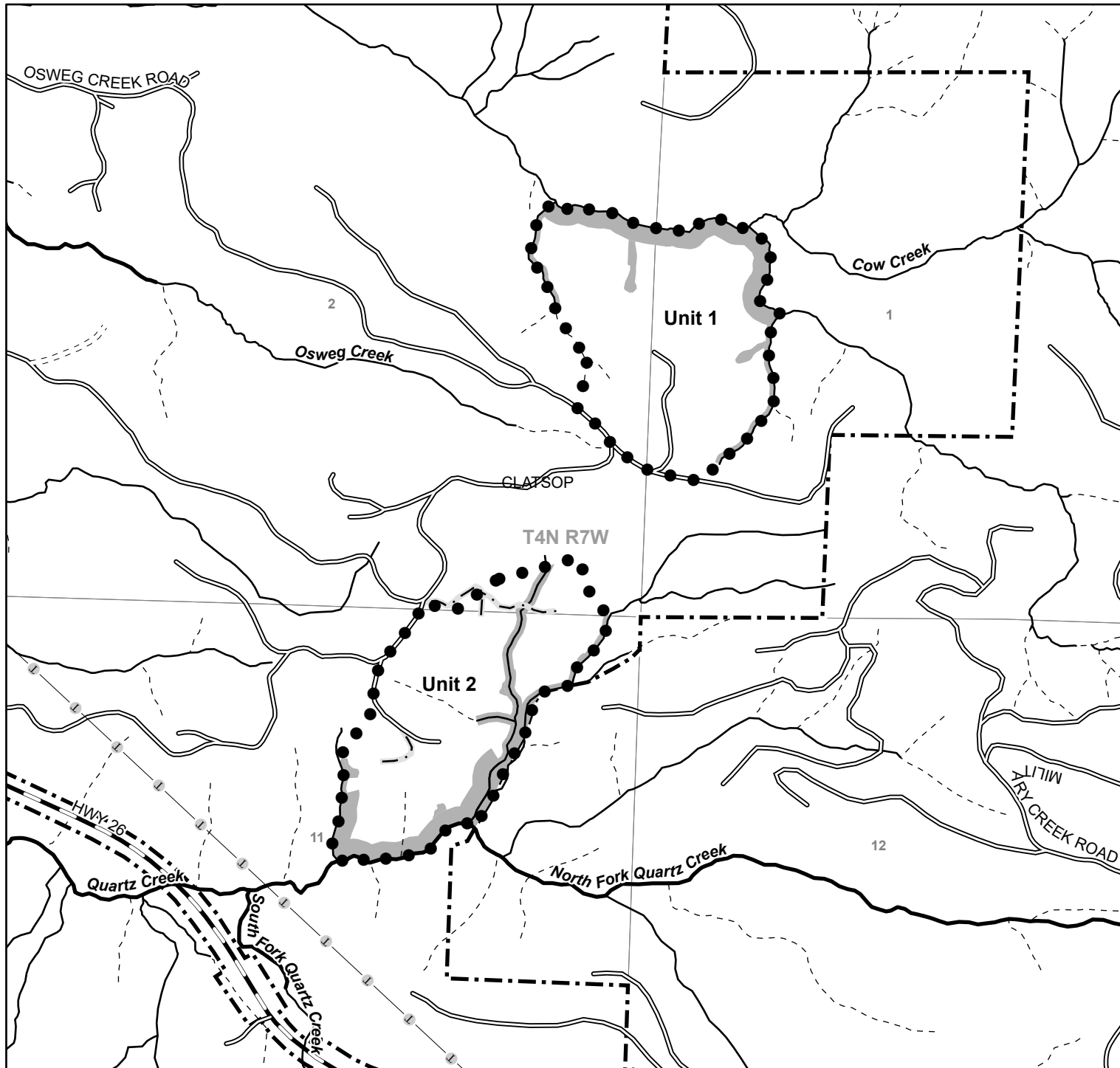
X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration?
☐ No ☒ Yes, please describe:
 - Portions of Unit 2 may be visible from Highway 26. Highway 26 is a scenic highway however the timber sale will be well beyond the scenic highway leave tree requirement distance. The district marketing staff should take the highway visibility into account when 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, describe below
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:

- **Adjacent Landowners:** Unit 1 is adjacent to private industrial landowners.



Legend

- ● Sale Boundary
- No Harvest Area
- Transmission Lines
- //// Recreation Trails
- New Road Construction
- Paved Roads
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Nonfish Streams
- Unknown Streams
- Ownership Boundary

FY 2025 - Astoria District Toto Portions of Sections 1, 2, 11, T4N, R7W, W.M. Clatsop County

Unit 1	45 Acres (CC)
Unit 2	41 Acres (CC)
Total	86 Acres

State Forest Division
02/15/2024

This product is for informational use and may not be suitable for legal, engineering, or surveying purposes. Variations may exist between and among data sets in use by the Department of Forestry. This map was developed using the Statewide Stream Layer.

