

Pre-Operations Report

Operation Name: Triple Divide

County (%): Clatsop (100%)

Elevation: 579 - 913 ft

Legal Description: T4N, R8W, Section 6; T4N, R9W, Sections 1, 2, 12

Tax Code(s): 10-14, 10-02

BOF%: 98 **CSL%:** 2

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
1	CC	WH-M, DF-M	77	63	35.0	2,205	\$400	\$882,000
2	CC	WH-M, DF-M	16	12	20.0	240	\$400	\$96,000
3	CC	DF-S, RA-S	128	98	28.0	2,744	\$400	\$1,097,600
Total		Regeneration	221	173		5,189		
		Partial Cut						
						Gross Value		\$2,075,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$122,500
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$1,953,100
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
1	24751	M	DF, WH	12				0%	2
1	24752	I = 24142	WH, DF	62	136	17	220	54%	60
2	24143	I = 24883	DF, WH	56	107	15	134	35%	2
2	24753	I = 24142	WH, DF	63	136	17	220	54%	10
3	24136	M	RA, SS	47	190	14	192	52%	7
3	24143	I = 24883	DF, WH	56	107	15	134	35%	91

a. 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).

b. 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.

- The stand boundary for Stand #24751 is drawn incorrectly. Unit 1 does not include any 12 year-old trees. Stand #24751 should be included with Stand #24752 and is shown as such in the remainder of this document.
- Units 1 and 2 were thinned in 2008. Unit 3 was thinned in 2014.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	24752	7	310			
2	24143	2	126			
2	24753	7	310			
3	24136	15	88			
3	24143	2	126			

- 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 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.)

- 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
- Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)
- 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: All units are being surveyed in 2023/2024 and will expire on 04/01/2030. A portion of Unit 1 was surveyed in 2020/2021 and will expire on 04/01/2027.
- 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 ^b	Inside of HCA	Net Acres ^a
1	24752	UDS	GEN	No	62
2	24143	UDS	GEN	No	2
2	24753	UDS	GEN	No	10
3	24136	UDS	OFS	No	7
3	24143	UDS	GEN	No	91

¹ Oregon Biodiversity Information Center
Astoria District
Approved – June 2024

- 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. Approximately 6.4 acres of Unit 3 is within DFC complex and outside of existing HCA boundaries. These areas are adjacent to stream buffers and will be assessed when exact buffer boundaries are posted to determine if a GTRA in this location is appropriate.

Table 5. Partial Cut & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

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

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	40	60	35-65	Established	All Weather
2	20	80	35-65	Established	All Weather
3	40	60	35-65	Established	Dry Weather Only

1. Haul Route: Cole Mountain Ridge Road, East Summit Road & Hill Road.
2. 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.
 - A lift of surfacing rock will be included in projects for portions of East Summit Road. Cole Mountain Ridge Road requires minimal project work.
 - Cole Mountain Ridge road and roads to access Unit 3 will be seasonal use only.
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	0.3	1.1
Improve, Rock, and/or Maintain	0	1.6	2.4	0
Block (Dormant)	0	0	0	1.1
Vacate	0	0	0.1	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	2 NC

a. Salmon Steelhead and Bull Trout (SSBT)

- A Type F crossing and adjacent road in Unit 3 will be evaluated for vacating. This road and crossing are used by Clatsop County as an alternate route in case the nearby bridge needs to be closed. Removal needs to be coordinated with the County and may need to be deferred to a later date.
4. Rock Sources for this operation: Hamlet Stockpiles. Pit-run is available at the Soapstone Quarry.
 5. Are property line surveys required for this operation? ☐ Yes ☒ No
 - The boundaries of Unit 3 will require refreshing of previously established line. A majority of this line was surveyed and posted in a cost share with the adjacent landowner. There is a small portion of property line in the North of Unit 3, that if not found, posting may be held back to minimize surveying costs.
 6. Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No
 - New road construction within a RCA 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. Two Type N stream crossings are off the unsurfaced new construction spur in Unit 3. This is an existing grade. Both crossings are on unknown streams and the streams will be assessed prior to determining stream crossing needs. This spur will be unsurfaced and used during summer months to minimize potential impacts. The crossings will be removed upon completion of use.

VI. AQUATIC RESOURCES:

1. Do any streams additional review for the following?
 - a. Fish presence: ☐ No ☒ Yes
 - b. Perennial/Seasonal: ☐ No ☒ Yes
 - c. H.E.R./P.D.F.T: ☒ 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 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: Upper North Fork Nehalem River
 - Within the designated Aquatic Anchor no harvest stream buffers will be extended out to 50 feet when regeneration harvesting near small perennial, debris flow-prone, and high-energy non-fish streams 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 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:
 - There is potential for a stream enhancement opportunity in the N. Fork Nehalem River (Unit 3). Additional field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts on over this fiscal year. The district shall consult with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologists as needed 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
1	N	Y	
2	N	Y	
3	N	Y	

- **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:

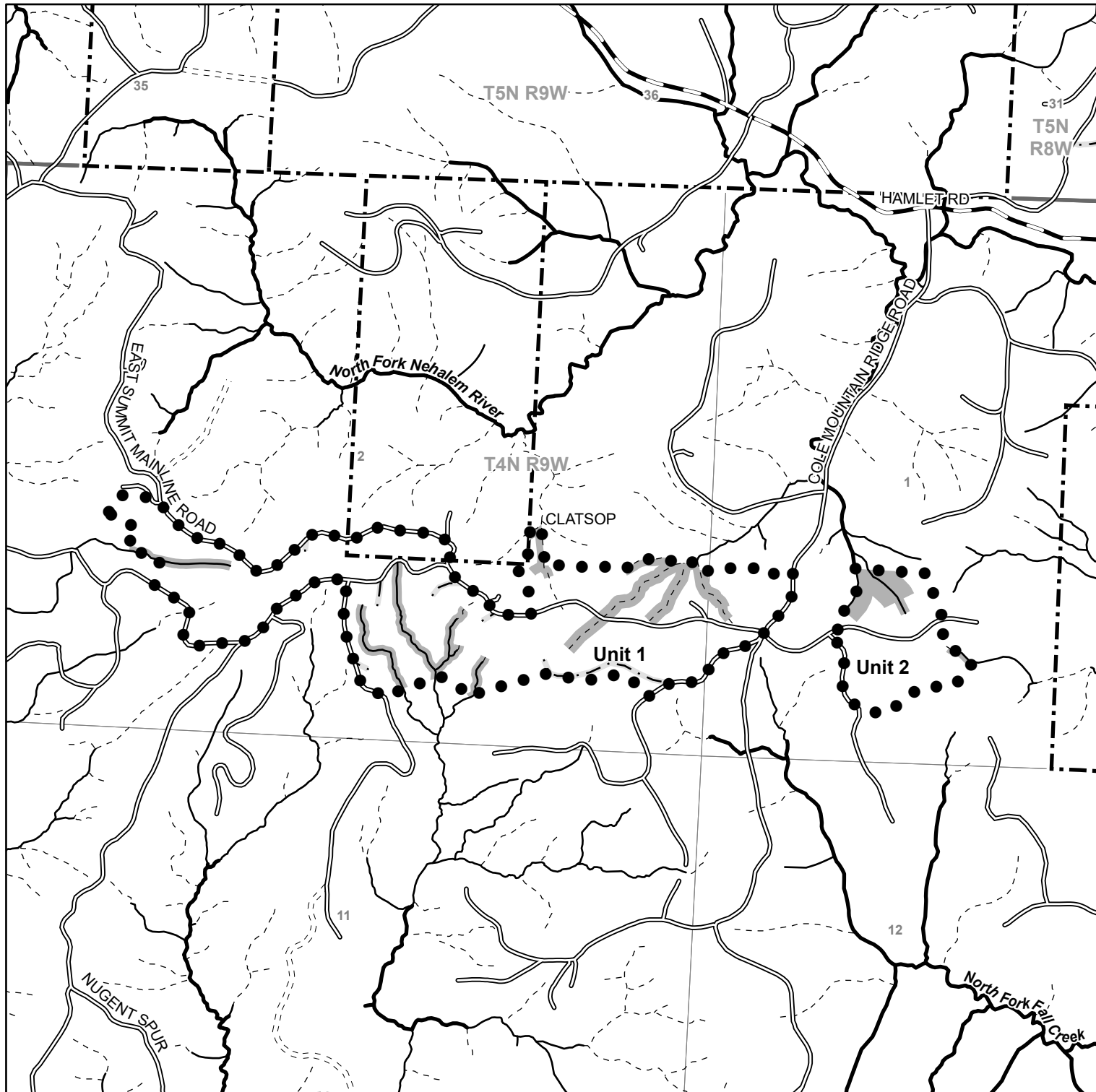
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

X. SCENIC RESOURCES:

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

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:



Legend

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

FY 2025 - Astoria District Triple Divide Portions of Sections 1, 2, 12, T4N, R9W, Portions of Section 6, T4N, R8W, W.M. Clatsop County

Unit 1	63 Acres (CC)
Unit 2	12 Acres (CC)
Unit 3	98 Acres (CC)

Total 173 Acres

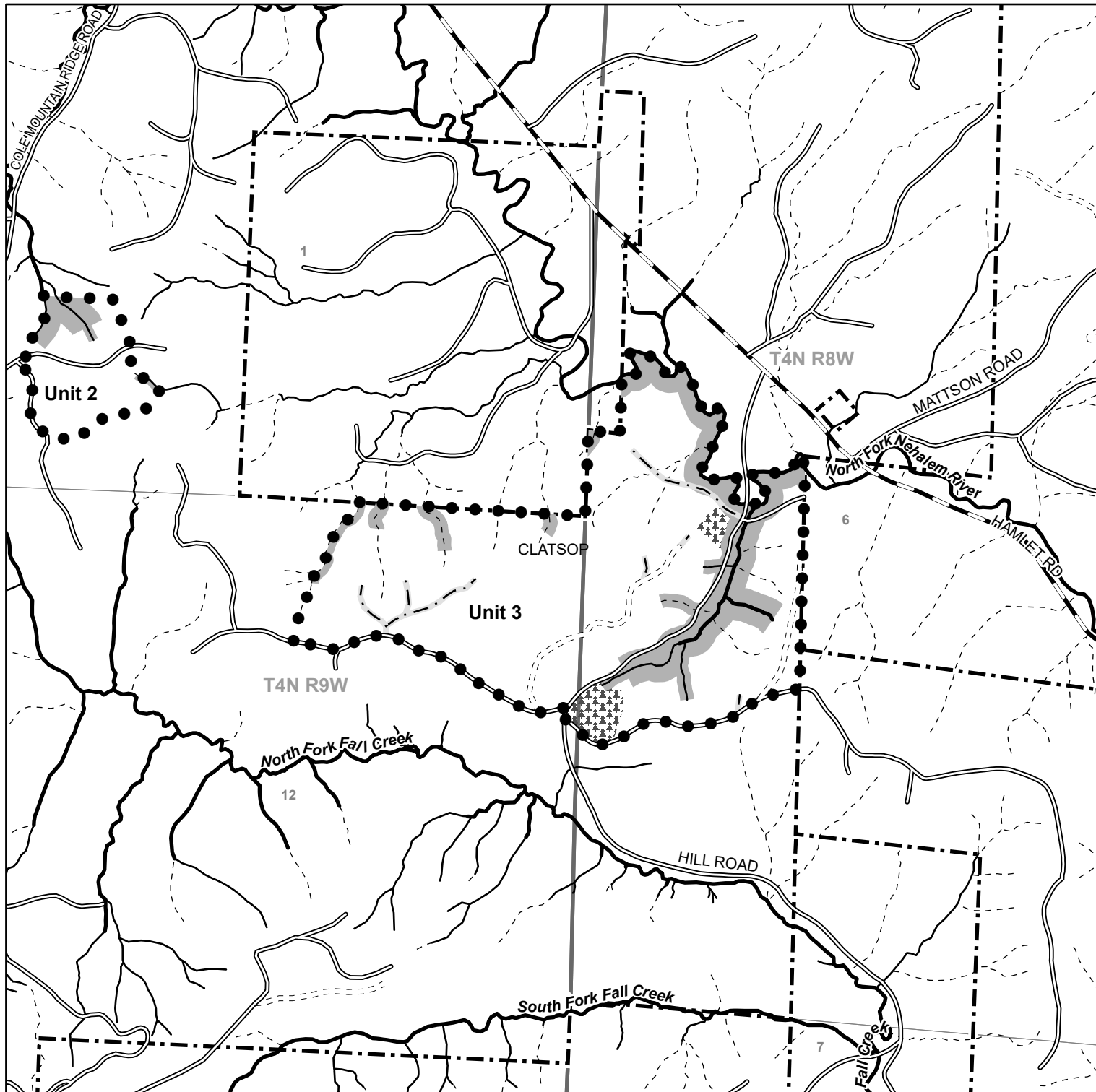
State Forest Division
02/15/2024

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.



Map 1 of 2

1:12,000
1,000 500 0 1,000 Feet



Legend

- ● Sale Boundary
- ▲▲▲ Green Tree Retention Area
- No Harvest Area
- New Road Construction
- Paved Roads
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Nonfish Streams
- Unknown Streams
- Ownership Boundary

FY 2025 - Astoria District Triple Divide Portions of Sections 1, 2, 12, T4N, R9W, Portions of Section 6, T4N, R8W, W.M. Clatsop County

Unit 1	63 Acres (CC)
Unit 2	12 Acres (CC)
Unit 3	98 Acres (CC)

Total 173 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.



1:12,000
1,000 500 0 1,000 Feet