

Pre-Operations Report

Operation Name: Sager

County (%): (100%)

Elevation: 492 - 1,214 ft

Legal Description: T5N R6W, Section(s) 1; T6N R6W, Section(s) 23, 34

Tax Code(s): 8-01, 8-03

BOF%: 75 **CSL%:** 25

Sale Quarter: 3rd

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	DF-M, WH-L	84	79	40	3,160	600	\$1,896,000
2	CC	DF-L, BM-S	40	36	60	2,160	600	\$1,296,000
3	CC	DF-L, WH-S	113	94	50	4,700	600	\$2,820,000
Total		Regeneration	237	209		10,020		
		Partial Cut						
						Gross Value		\$6,012,000
a. Estimated harvest volume per acre for Unit.						Project Costs		\$187,100
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$5,824,900
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	23809	I = 23758	DF, WH	96	71	23	205	45%	25
1	23810	I = 23937	DF, WH	53	80	25	275	59%	9
1	25026	I = 24491	DF, WH	53	104	19	195	47%	45
2	23868	M	DF, RA	34	311	12	235	67%	2
2	23873	M	DF, BM	124	179	18	319	77%	33
3	23920	I = 23938	DF, WH	108	147	20	310	72%	7
3	24886	I = 23760	DF, RA	49	78	19	155	37%	21
3	24905	M	DF, WH	110	121	18	221	53%	53
3	25191	I = 24883	DF, WH	46	107	15	134	35%	12

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.

- These stands were planted. No record of pre-commercial thinning on the units.

Unit 1: The western portion of the Unit was thinned in 1972 and 2003 and the eastern portion in 2011.

- Unit 2: The Unit was thinned in 1976 and 2006.

- Unit 3: The western portion of the Unit was thinned in 2009, the eastern portion in 2013, and the northern portion in 2017.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	23809	43	277			
1	23810	19	239		X	
1	25026	13	206		X	
2	23868	1	103			
2	23873	11	838			
3	23920	28	764		X	
3	24886	7	310			
3	24905	4	391		X	
3	25191	2	126		X	

- 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 for Unit 1 in 2020 and 2021, they expire 4/1/2027. Surveys conducted for Unit 2 and 3 in 2024 and 2025, they expire 4/1/2031.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹]?
☒ 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 ^a
1	23809	UDS	GEN	No	25
1	23810	OFS	GEN	No	9
1	25026	UDS	GEN	No	45
2	23868	UDS	GEN	No	2
2	23873	OFS	GEN	No	33
3	23920	OFS	GEN	No	7
3	24886	UDS	GEN	No	21
3	24905	LYR	GEN	No	53
3	25191	UDS	GEN	No	12

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.

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					

- **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 larger diameter trees within each unit 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.
 - **Visual:** Portions of Unit 1 are adjacent to Highway 202. Where available wind firm trees that do not present safety hazards will be identified and left in these areas
 - **Adjacent Landowners:** Portions of the sale area are adjacent to private landowners. Wind firm trees that do not present a safety hazard will be identified and to leave in proximity to these 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			
1	0	100	<35	Simple	All Weather
2	100	0	35-65	Established	All Weather
3	40	60	35-65	Simple	All Weather

1. Haul Route:
 - Units 1 and 2: West Sager Road to Highway 202.
 - Unit 3: East Sager Road, Jones Road to Highway 202.
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.
 - Jones, East Sager, and Kauppi Roads have been recently improved and maintained with other timber sales and will require minimal improvements.
 - Portions of West Sager Road will be maintained with a lift of surfacing rock. These improvements will support the haul route for future timber sales.
3. Are easements required for the haul route? ☐ No ☒ Yes
 - West Sager Road. Easement (#311.04267) dated September 22, 1964, between the State of Oregon, Board of Forestry and Conrad & Eva Nystrom and Raymond & Ariel Johnson. Current landowner: Teevin Brothers Land and Timber.
 - If necessary to access the northern portion of Unit 1 near Highway 202, a temporary easement will be needed across the private ownership. Permission has been obtained from one landowner as part of a separate agreement (#314.041124).

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.3	0.1
Improve, Rock, and/or Maintain	0	2.8	3.0	0.1
Vacate	0	0	0	0.2
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

- Salmon Steelhead and Bull Trout (SSBT)
 - The West Sager waterholes will be evaluated for improvement and expansion. These water sources are along Type N streams.
4. Rock Sources for this operation:
 - Northrup and Cow Creek Stockpiles. Pit-run and Jaw-run are available at the Northrup Ridge Quarry. A Jaw-run crushing project will be included to replace the Jaw-run stockpile being depleted to rock new road construction and stockpile rock for future timber sales.
 5. Are property line surveys required for this operation? ☐ No ☒ Yes
 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 boundary of Units 1 and 2 will require refreshing of previously established line. If the line cannot be located, it will be necessary to survey the line or obtain a cutting line agreement with the adjacent landowners. Any surveying will be contracted in Winter /Spring of 2025.
 - The northern boundary of Unit 1 was surveyed and marked in 2024 with a cost share survey with the adjacent landowner.
 6. Is there planned new road construction planned within RCAs/HCA's? ☒ No ☐ Yes

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, name:
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:
 - There is a domestic system approximately 175 feet to the west of Unit 1. This system is fed by a spring and no streams are identified within the unit that drain in that direction. No other registered domestic water sites are identified in the area.
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:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete	Additional Comment
1	Yes	No	
2	Yes	Yes	
3	Yes	Yes	

- **Geotech Review: Initial** Geotechnical reviews have been completed and slope protections have been incorporated into No Harvest buffers shown on the map . Some slope protections are dependent on further field review or on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout and 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:

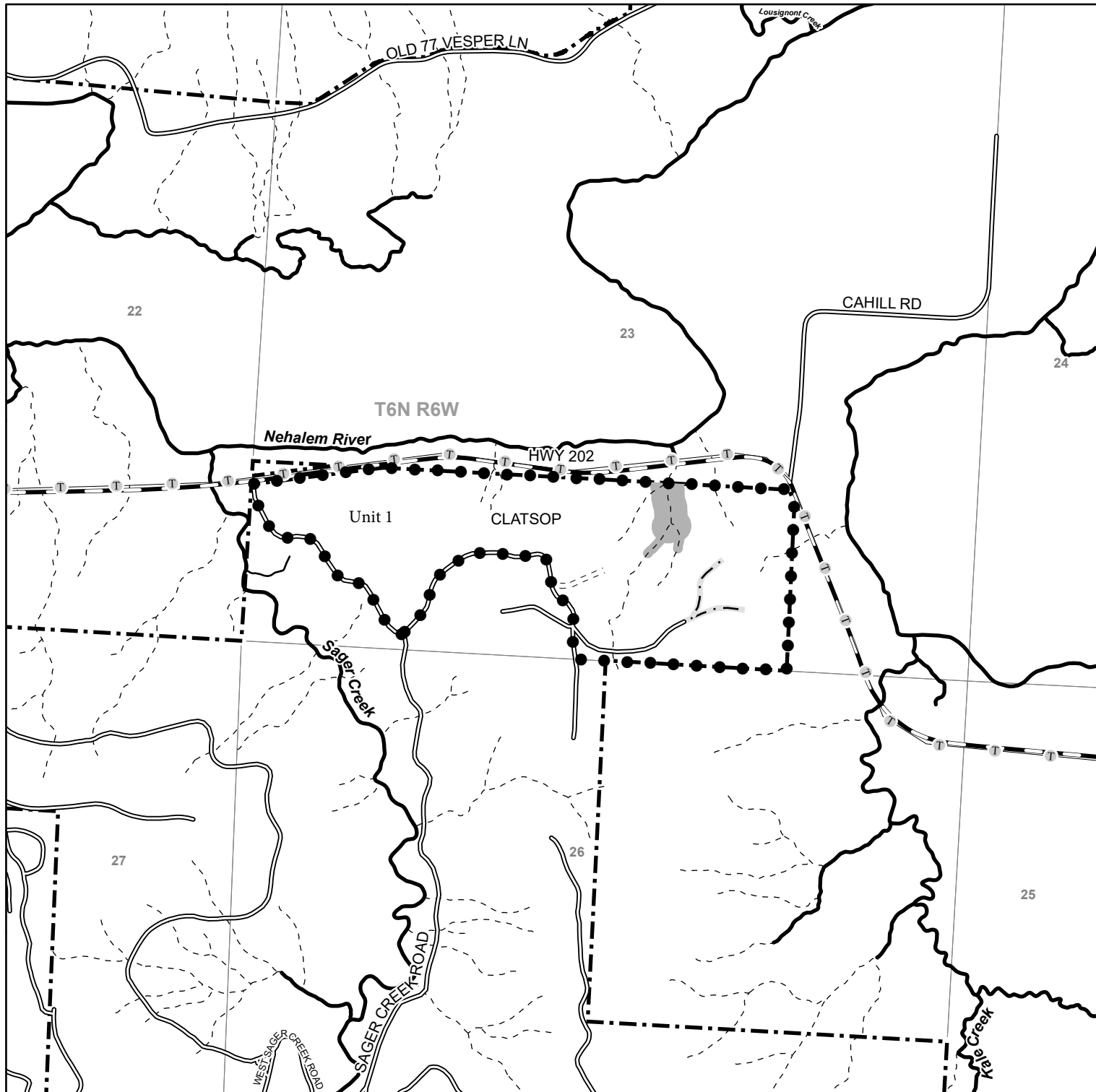
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration?
☐ No ☒ Yes, please describe:
 - Portions of Units 1 and 2 will be visible from Highway 202 and this will be taken 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, please describe:
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
 - **Adjacent Landowners (shared property lines):**
 - Private Homeowners & Private Industrial:
 - District staff will work with adjacent private landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.
 - Unit 1 has a shared property lines with private homeowners. Due to the proximity of homeowners additional restrictions for controlled felling, operating timing restrictions and outreach will be required during sale layout and administration.
 - Spray Plans: Due to the proximity of adjacent homes and other protected resources spraying in this area will be hand applied.



Legend

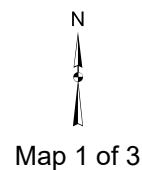
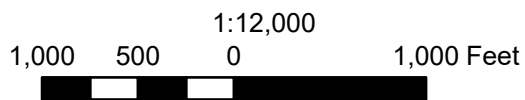
- ● Sale Boundary
- No Harvest Area
- Ⓣ Transmission Lines
- New Road Construction
- Paved Roads
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

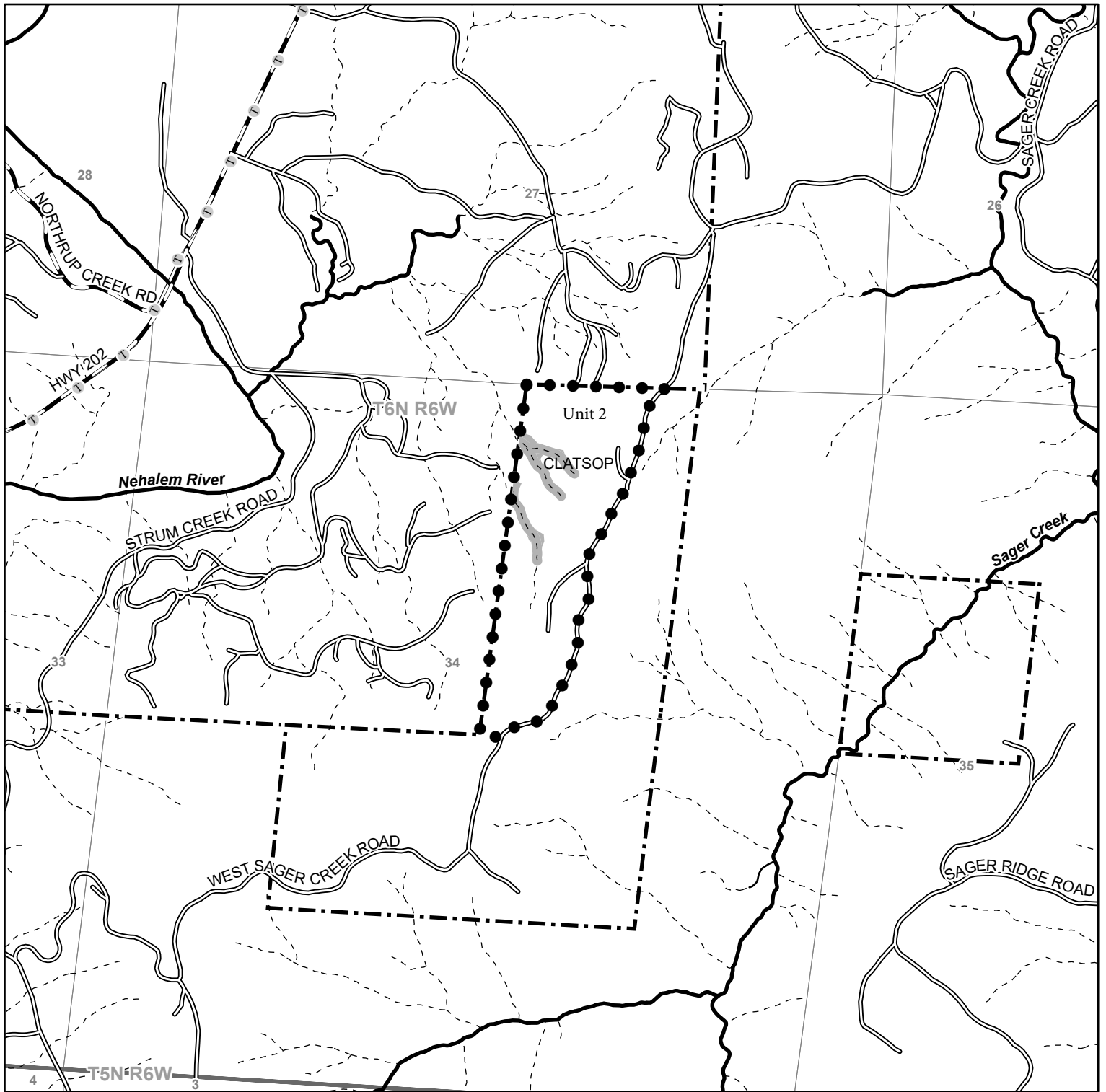
FY 2026 - Astoria District Sager Portions of Sections 23 & 34, T6N, R6W, Portions of Section 1, T5N, R6W, W.M. Clatsop County

Unit 1	79 Acres (CC)
Unit 2	36 Acres (CC)
Unit 3	94 Acres (CC)

Total 209 Acres

State Forest Division
01/10/2025
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.





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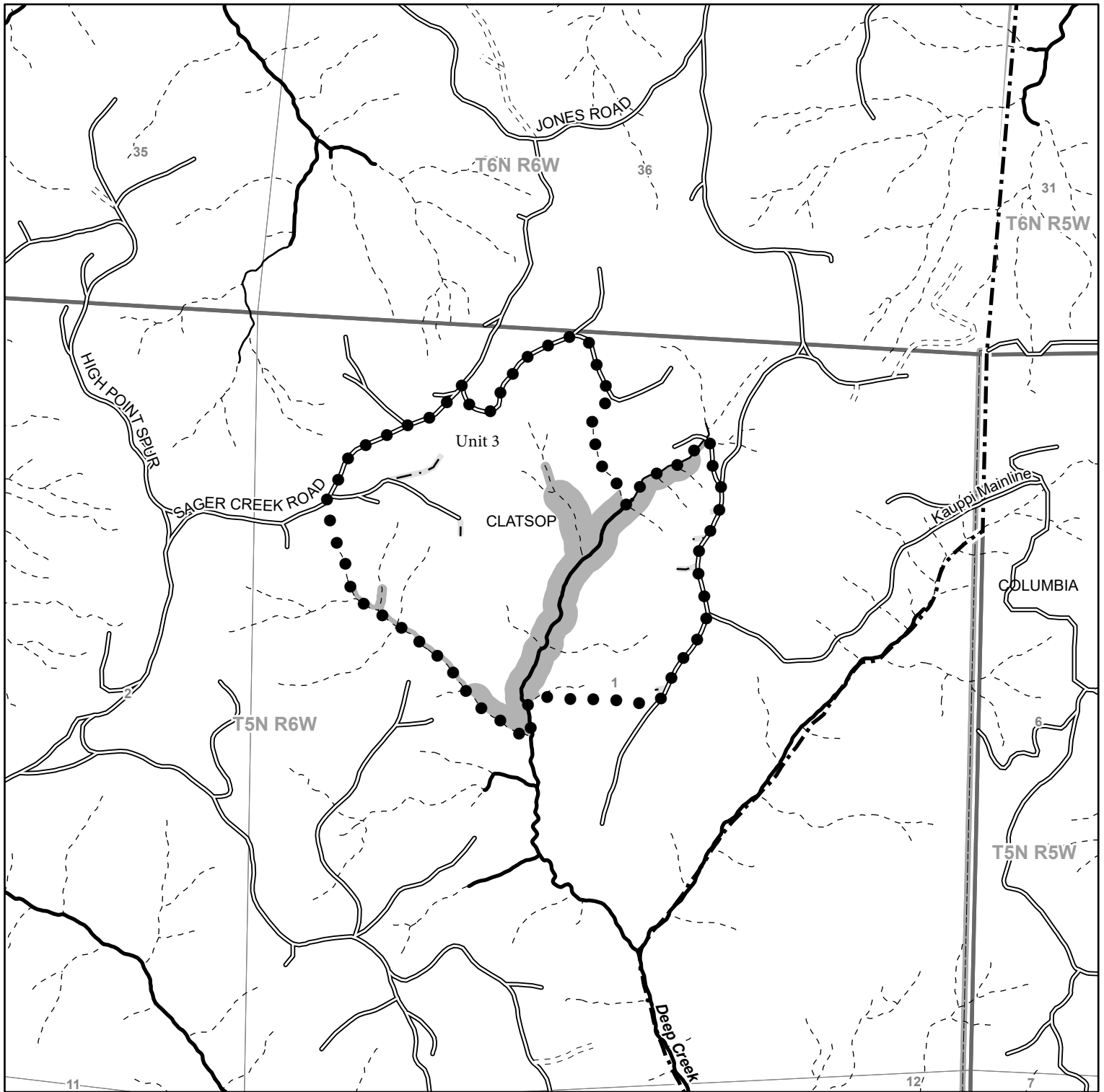
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1:12,000

1,000 500 0 1,000 Feet





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