Pre-Operations Report

Operation Name: Middle Sager
Tax Code(s): 8-01
County (%): Clatsop (100%)
BOF%: 91% **CSL%:** 9%
Elevation: 555 - 1,039 ft
Sale Quarter: 1st
Legal Description: T5N R6W, Section 3; T6N R6W, Sections 34, 35

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-L, RA-M	121	90	60	5,400	$475	$2,565,000
2	CC	DF-M, WH-S	73	57	64	3,648	$450	$1,641,600
Total		Regeneration	194	147		9,048		
		Partial Cut						
						Gross Value		$4,206,600
a. Estimated harvest volume per acre for Unit.						Project Costs		$95,300
b. Estimated 'price' (excluding Project Costs)						Net Value		$4,111,300
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	23868	M	DF, RA	35	311	12	235	67%	3
1	23895	M	DF, RA	115	109	23	314	69%	35
1	23903	I = 24241	DF, RA	51	215	12	158	45%	2
1	24577	I = 23690	DF, RA	103	106	16	149	38%	26
1	24578	M	DF, RA	108	92	23	259	57%	22
2	23900	M	DF, WH	116	178	18	323	78%	31
2	23910	M	DF, RA	41	205	14	203	55%	14
2	25030	I = 24491	DF, WH	54	104	19	195	47%	11

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. In Unit 1, the eastern half of the unit was thinned in 2006. In Unit 2, approximately 12 acres in the northwest corner was thinning in 2011.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
1	23868	1	103			
1	23895	6	734			

1	23903	1	891			
1	24577	43	262			
1	24578	13	234			
2	23900	9	487			
2	23910	12	352			
2	25030	13	206			

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.

- Scotchbroom is present in some locations along haul route

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 started in 2025 and are continuing in 2026 for all sale units. These surveys will expire on 04/01/2032.
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant?
   ☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
1	23868	UDS	GEN	3	0
1	23895	OFS	GEN	35	0
1	23903	UDS	GEN	2	0
1	24577	UDS	GEN	26	0
1	24578	OFS	GEN	22	0
2	23900	OFS	GEN	31	0
2	23910	UDS	GEN	14	0
2	25030	UDS	GEN	11	0

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. Harvest Prescriptions

Unit	Harvest Type	Harvest Species	Residual (Partial Cut & HCA only)			
			Species	TPA	BA	% SDI
1	CC					
2	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.
    - **Wildlife:** Prioritize leave trees with platforms.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	80% DF, 15% GF, 5% WRC	400	Elev. < 1,500'. SNC Zone= No. Anticipated seedling animal damage= mountain beaver, elk, deer.
2	80% DF, 15% GF, 5% WRC	400	Elev. < 1,500'. SNC Zone= No. Anticipated seedling animal damage= mountain beaver, elk, deer.

*These are estimates for planning purposes and will be adjusted as needed based on site conditions during implementation.

- **Reforestation Considerations:**
    - **Aspect:** North, west.
    - **Elevation:** Plant with low elevation stock types.
    - **Animal Damage:** Post-harvest operations review for mountain beaver management needs. Scatter highly desirable elk and deer browse tree species across units. Plant at a TPA density anticipating some elk and deer browse mortality.
    - **Insect/Disease:** Where laminated root rot presence is known plant that area with tolerant stock types.
    - **Brush:** Post-harvest operations review for vegetation management needs.
    - **Slash:** Assure slash management plan is followed during harvest operations.
    - **Planting:** Scatter WRC throughout units, focusing on wetter areas.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	60	40	35-65	Simple	All Weather
2	40	60	35-65	Verified	Combo

1. Haul Route:
    - Unit 1: Sager Ridge, East Sager and Jones Road.
    - Unit 2: West Sager 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.
   - West Sager, East Sager and Jones Road are being improved/maintained with the Sager timber sale (FY26). Further projects are anticipated to be minimal.
   - Portions of Sager Ridge Road were improved/maintained with the Deep Six timber sale (FY22). The portion that was not improved/maintained will be maintained with a lift of surfacing rock.

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.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.2	0.5
Improve, Rock, and/or Maintain	0	1.6	3.1	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)

   - Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.
   - Dirt spurs in Unit 2 may not be constructed if decided to cable yard to the existing road. This will be determined during sale layout and finalizing the logging plan.
   - Improvements on the front portion of Sager Ridge Road will support an upcoming timber sale in FY28.

4. Rock Sources for this operation:
   - Cow Creek and Slaughters Creek Stockpiles.
   - Pit-run and Jaw Run are available at the Northrup Ridge Quarry.

5. Are property line surveys required for this operation? ☒ No ☐ Yes

6. Is there planned new road construction planned within RCAs/HCAs? ☒ 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:
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 Sager Creek (Unit 1). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts. The district 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 9. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete
1	Y	Y
2	Y	Y

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII.RECREATION RESOURCES:

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

IX. HISTORIC AND CULTURAL RESOURCES:

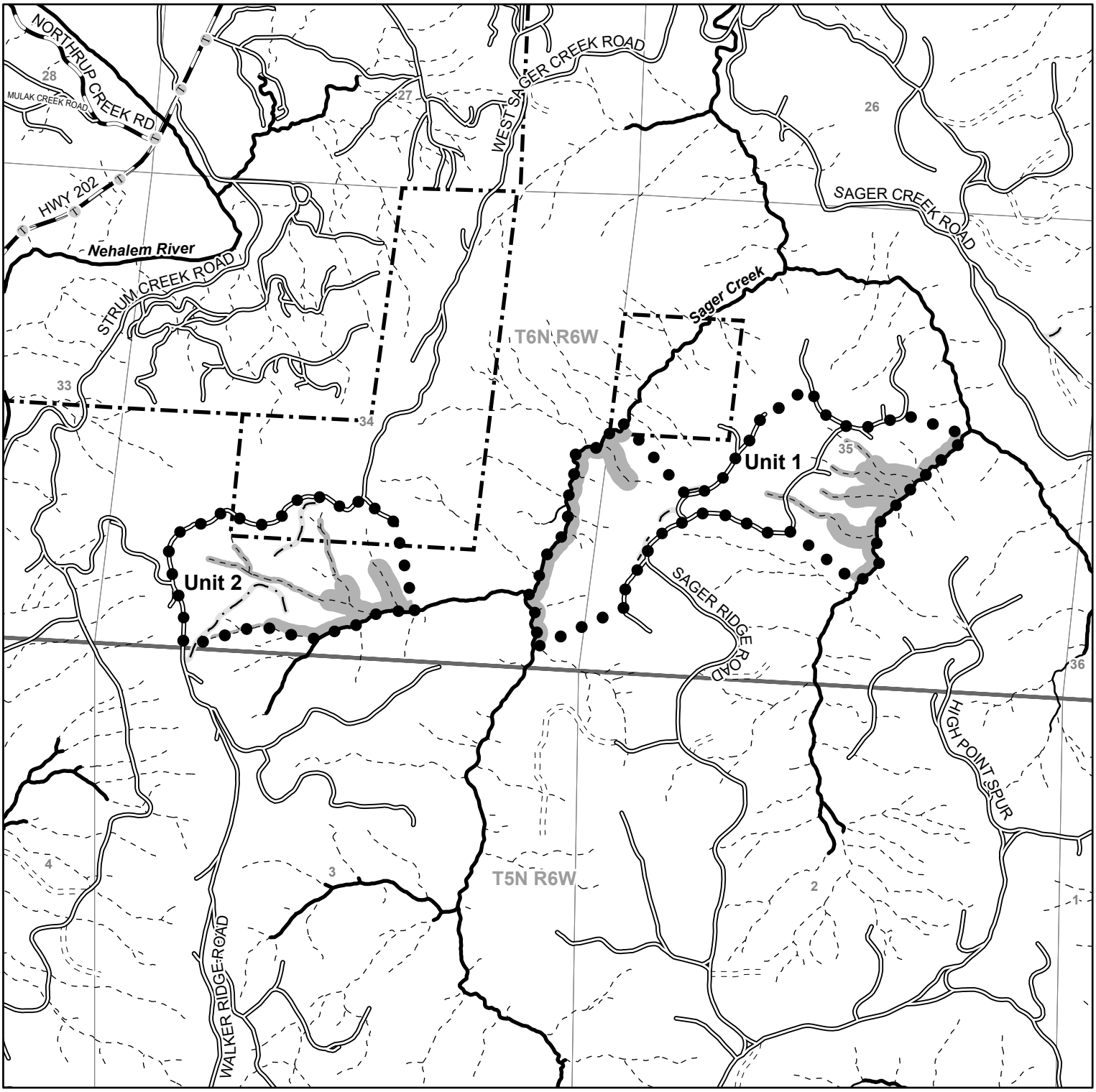
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

X. SCENIC RESOURCES:

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

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:



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 2027 - Astoria District
Middle Sager
Portions of Section 3, T5N, R6W,
Portions of Sections 34 & 35, T6N, R6W, W.M.
Clatsop County

State Forest Division
12/15/2025

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 Flowline Layer.

1:18,000

1,000 500 0 1,000 Feet

Unit 1 90 Acres (CC)
Unit 2 57 Acres (CC)

Total 147 Acres

N