Pre-Operations Report

Operation Name: South Lou
County (%): Washington (100%)
Elevation: 842 – 1,280ft
Legal Description: T3N, R5W, Sections 16, 17, 20, 21

Tax Code(s):
BOF%: 100% **CSL%:** 0%
Sale Quarter: Alternate

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, RA-S	62	51	39.0	1,989	$465	$924,885
2	CC	DF-L, GF-L	128	118	48.0	5,664	$465	$2,633,760
Total		Regeneration	191	169		7,653		
		Partial Cut						
						Gross Value		$3,558,645
a. Estimated harvest volume per acre for Unit.						Project Costs		$112,000
b. Estimated 'price' (excluding Project Costs)						Net Value		$3,446,645
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	7380	I = 8110	DF, WH	92	106	21	252	58%	35
1	8617	I = 8338	DF, RA	85	117	20	261	60%	17
2	7338	M	DF, GF	91	38	28	164	33%	117
2	7341	M	DF, GF	46	215	14	215	58%	1

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. The majority of Unit 1 was thinned in 1998 and 2015. Portions of Unit 2 were thinned in 1975, 1984, or 1998. The northern half of Unit 2 was thinned in 2019 while the majority of the southern half was thinned in 2015.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
1	7380	5	142		X	
1	8617	16	134		X	
2	7338	2	149		X	
2	7341	1	543		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)
3. Are Surveys for MM being conducted for any portion of this operation?
   ☒ Yes (in progress) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)

   Notes: Surveys beginning in 2026.
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant?
   ☐ No ☒ Yes, please describe:
   - Purple martin, olive-side flycatcher, and common nighthawk have been observed in adjacent harvest units; implementation of leave tree and snag retention strategies in this area will continue to support local populations.

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	7380	UDS	GEN	35	0
1	8617	LYR	GEN	17	0
2	7338	UDS	GEN	117	0
2	7341	UDS	GEN	1	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 and minor species within each unit as part of the retention strategy.
  - Work with Reforestation Unit during sale layout for the leave tree arrangement.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	60% DF/30% WH/5% WRC/5%GF	400	Elev. 842-1200/Behind Locked Gate/Phellinus/Big Game/Neighbors/Noxious Weed/Competing Vegetation i.e. vine maple, bigleaf maple/Gentle Slopes/Leave Tree Arrangement
2	65% DF/25% WH/5% GF/5% WRC	400	Elev. 960-1280/Behind Locked Gate/Phellinus/Big Game/Neighbors/Noxious Weed/Competing Vegetation i.e. vine maple, bigleaf maple/Gentle Slopes/Leave Tree Arrangement

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

- **Reforestation Considerations:**
  - **Animal Damage:** Bud capping planned. Area known for big game damage.
  - **Insect/Disease:** Plant WRC and WH where Phellinus is a concern
  - **Seedlings:** Install tree protection on WRC. Plant with a higher mix of bare root and incorporate GF
  - **Brush:**
    - **Unit 1:** Brush control will be determined after harvest, method is planned to be mechanical or ground-based application.
    - **Unit 2:** Brush control will be determined after harvest, application is planned to be ground-based.
  - **Invasive Species:** Invasion of scotch broom is likely to occur in all units and along haul routes.
  - **Slash:** Mechanically pile as part of the Timber Sale Contract and burn piles

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	0%	100%	<35%	Established	Combo
2	0%	100%	<35%	Simple	All Weather

1. Haul Route: South Lousignont Road and Morgan Creek Road to Lousignont Road to Timber Road
2. Haul Route Condition:
   - The haul route is in good condition. Road maintenance or improvement needs will be assessed during sale layout.
3. Are easements required for the haul route? ☒ No ☐ Yes

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.21	0
Improve, Rock, and/or Maintain	0	0	3.8	0.34
Vacate	0	0	0	0

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
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	2 R	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.
- This sale is behind locked gates. Two of the existing farm-style gates will be replaced with forestry gates with this timber sale.

4. Rock Sources for this operation: Rock Creek Ridge Stockpile
5. Are property line surveys required for this operation? ☒ No ☐ Yes
   - The property line has been field verified by the ODF Roads Unit. Blazes, monuments and markers were found from a survey in 1986.
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: Lousignont Creek/Upper Nehalem River
   - Within the designated Aquatic Anchor, streams will be buffered in accordance with strategies in the draft Habitat Conservation Plan that prioritize salmonid recovery 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 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 Lousignont Creek, the North Fork Lousignont Creek, and/or Carlson Creek (Units 1 & 2). 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:

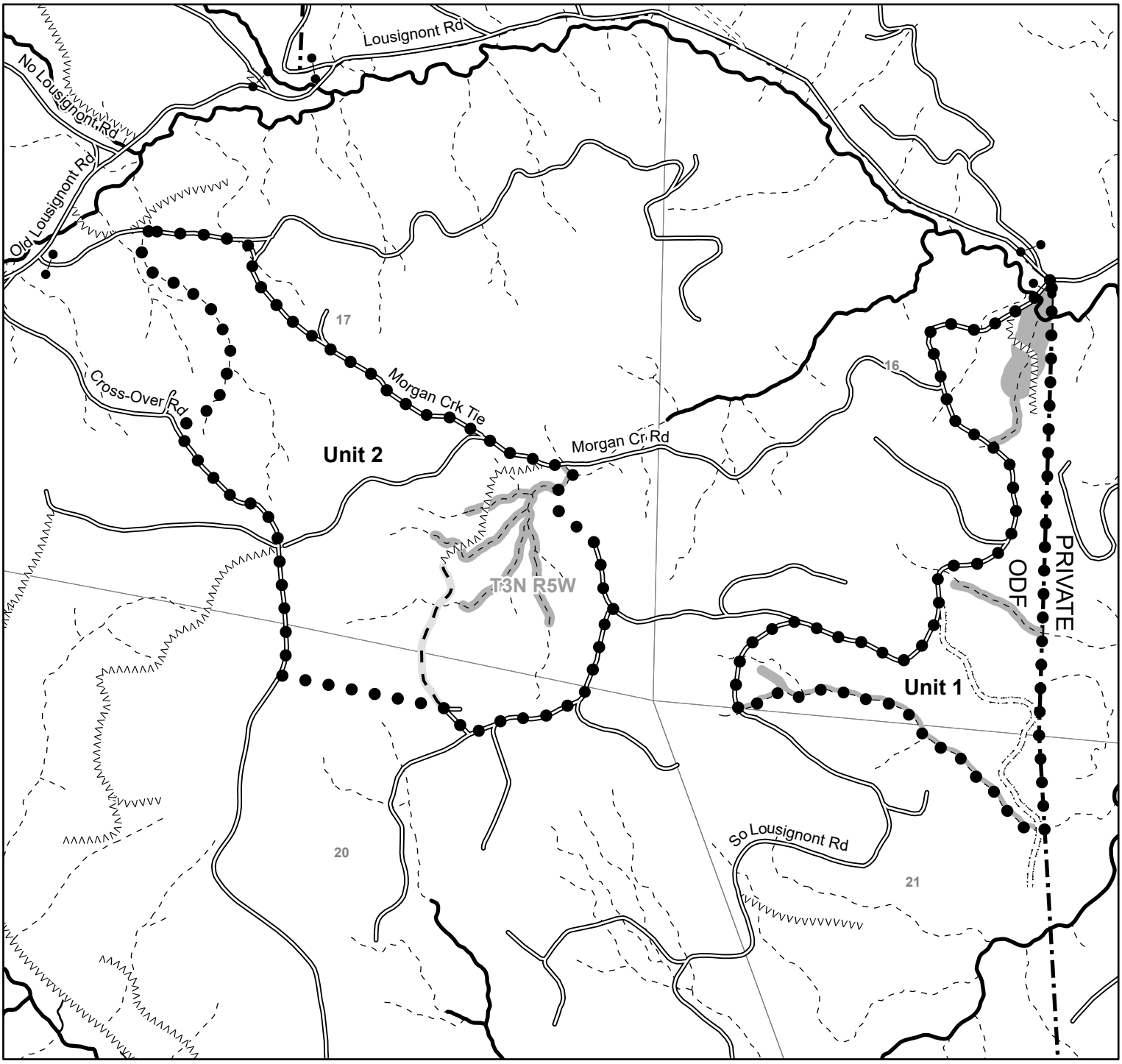
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒Yes

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:
   - **Adjacent Landowners (shared property lines):**
     - Private Landowner:
       - 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 Size**: The current sale shape of Unit 2 is over 120 acres. The acres are expected to drop below 120 acres during sale layout due to the addition of Green Tree Retention Areas, No Harvest Areas, etc. If it does not, modifications will be made to the sale boundary to ensure compliance with the FPA.



Legend

- Sale Boundary
- No Harvest Area
- Gates
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Vacated Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

FY 2027 - Forest Grove District
South Lou
Portions of Sections 16, 17, 20, & 21, T3N, R5W, W.M.
Washington County

Unit 1 51 acres (CC)
Unit 2 118 acres (CC)

Total 169 acres

State Forest Division
01/28/2026
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.

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

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