Pre-Operations Report

Operation Name: Lower Horsehawk
County (%): Clatsop (100%)
Elevation: 945 - 1,287 ft
Legal Description: T7N R6W, Sections 25, 26

Tax Code(s): 8-01
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, WH-S	103	74	52	3,848	$450	$1,731,600
Total		Regeneration	103	74		3,848		
		Partial Cut						
						Gross Value		$1,731,600
a. Estimated harvest volume per acre for Unit.						Project Costs		$81,000
b. Estimated 'price' (excluding Project Costs)						Net Value		$1,650,600
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	23536	I = 24452	WH, DF	77	127	18	213	52%	3
1	24725	I = 23393	DF, WH	77	121	18	214	52%	71

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 planted stands were previously thinned in 2007.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
1	23536	7	409			
1	24725	19	254			

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. 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:

   - Western Brook Lamprey detection approximately 25 meters downstream from Fishhawk Creek/Horsecamp Road crossing. Riparian Conservation Area buffers and best management practices implemented for this Annual Operation Plan address the species' needs. No additional protections are needed.

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	23536	LYR	GEN	3	0
1	24725	LYR	GEN	71	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					

- **Leave Tree Considerations:** Foresters will work with Wildlife Biologist during sale layout. The following should be considered when determining final leave tree arrangements. **<use for Regeneration Harvests)>**

  - **Stand Characteristics:** Prioritize larger diameter trees and minor species as part of the retention strategy.
  - **Wildlife:** Prioritize leave trees with platforms where MAMU habitat exists.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	50% DF, 40% WH, 5% 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:** East, south, 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	40	60	35-65	Established	All Weather

1. Haul Route:
   - Horseshoe Camp and West Creek 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 Creek Road will be improved/maintained with the Sonic timber sale (FY27 Alternate) and further projects are anticipated to be minimal.
   - Portions of Horseshoe Camp Road will improved/maintained with a lift of surfacing rock.
3. Are easements required for the haul route? ☐ No ☒ Yes
   - West Creek Road. Easement (#311.04318) dated March 6, 1963, by and between the State of Oregon, Board of Forestry and Ruth S. Leupold and Marcus Leupold. Current landowner: Steve Gerttula.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.2	0
Improve, Rock, and/or Maintain	0	2.7	0.5	0
Vacate	0	0	0	0.6

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	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.
- Short spurs will be constructed to minimize impacts to the existing roads.
- Portions of the legacy road grade within the unit that are accessible with equipment will be evaluated for vacating opportunities. Portions of this grade were already vacated during previous thinning operations.
- A project is planned to place riprap along the abutments of the Horseshoe Camp bridge to resist channel erosion under the bridge as per recommendations in bridge inspections. This work may be done with a work order contract.

4. Rock Sources for this operation:
   - Viewpoint and Kerry Stockpiles.
   - Pit-run and Jaw Run are available at the Viewpoint 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 Fishhawk Creek and (2) un-named tributaries (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

- **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

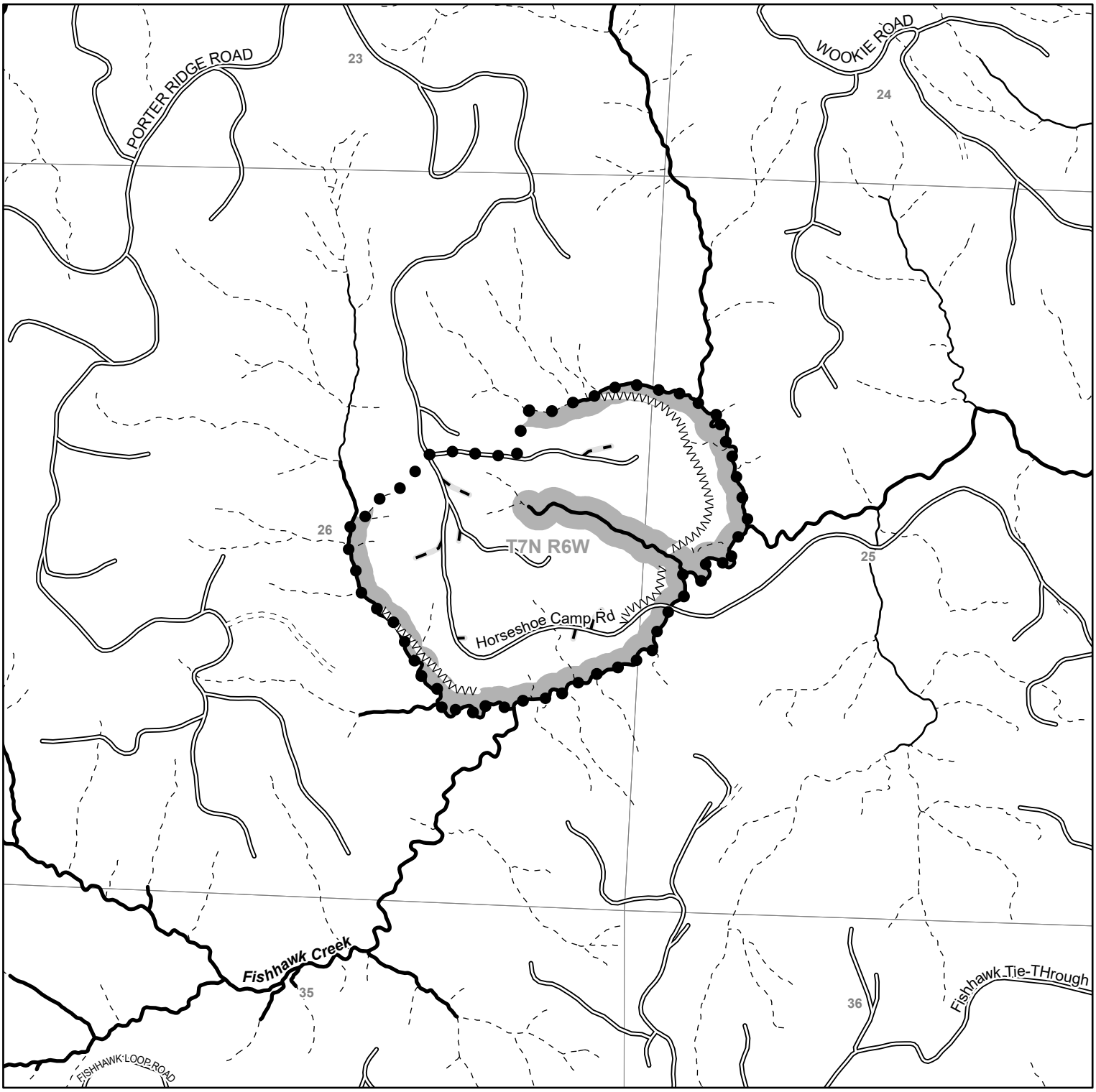
X. SCENIC RESOURCES:

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:

   Are there any other resources present that need additional consideration? ☒ No ☐ Yes, please describe:



FY 2027 - Astoria District
Lower Horsehawk
Portions of Sections 25 & 26, T7N, R6W, W.M.
Clatsop County

74 Acres (CC)

Legend

- Sale Boundary
- No Harvest Area
- New Construction
- Planned Vacating
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

State Forest Division
02/09/2026

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

N