

Pre-Operations Report

Operation Name: Bon Thin Bon

County (%): Benton (100%)

Elevation: 951 – 1,647 ft

Legal Description: T10S R7W, Section(s) 15

Tax Code(s):

BOF%: 100 **CSL%:** 0

Sale Quarter: ALT

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	PC	DF-S, RA-S	100	82	7.0	574	\$250	\$143,500
2	R/W	DF-S, RA-S	0.3	0.3	9.0	3	\$250	\$675
Total		Regeneration	0.3	0.3		574		
		Partial Cut	100	82				
						Gross Value		\$144,175
a. Estimated harvest volume per acre for Unit.						Project Costs		\$17,269
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$126,906
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	18230	M	DF,RC	32	220	10	125	38%	70
1	18941	M	DF,BM	41	160	14	180	48%	11
2	18230	M	DF,RC	32	220	10	125	38%	0.3

- 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 but have no record of previous pre-commercial or commercial thinning.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/Acre ^a	Down Wood/Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	18230	0	357			
1	18941	1	505			
2	18230	0	357			

- 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 the District for the BSTF.)

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 (complete) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)

Notes: Existing survey coverage from Bon Voyage Sale 2022 and 2023 surveys.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?
- ☐ No ☒ Yes, please describe:

Potential murrelet habitat was identified adjacent to the sale. The Harvest Operations Layer has been updated to show an area of No Harvest – Other until the exact location of any habitat trees can be identified, or alternate prescriptions can be performed to alleviate survey concerns.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	18230	UDS	LYR	No	70
1	18941	UDS	GEN	No	11
2	18230	UDS	LYR	No	0.3

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	PC	DF	DF	125	120	33
2	CC					

- These are first entry thinnings which will improve the growing conditions for these stands, capturing anticipated mortality while maintaining a pathway of high productivity within the residual stand.

¹ Oregon Biodiversity Information Center
West Oregon District
Approved - June 2024

Residual tree selection will emphasize preserving the trees of good form and vigor with the largest diameter and height. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	90	10	35-65	Simple	Combo
2	0	100	0-35	Simple	Dry Weather Only

- Haul Route: Unit spurs to Filched Gate Road to Bonner Ridge Road to Shingle Creek County Road
- Haul Route Condition: Haul route is maintained gravel roads. The improvement work of in unit spurs will be conducted with the FY 25 Bon Voyage timber sale.
- 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	0.1
Improve, Rock, and/or Maintain	0	0	0	0.1
Block (Dormant)	0	0	0	0.2
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)

- Rock Sources for this operation: Rock stockpiles on Bonner Ridge Road will be used.
- Are property line surveys required for this operation? ☐ Yes ☒ No
- Is there planned new road construction planned within RCAs/HCAs? ☐ Yes ☒ No

VI. AQUATIC RESOURCES:

- Do any streams require additional review for the following?
 - Fish presence ☐ No ☒ Yes
 - Perennial/Seasonal: ☒ No ☐ Yes
 - H.E.R./P.D.F.T: ☒ No ☐ Yes
 - Unknown streams may exist within this sale but it is believed that these are seasonal or perennial and will not require fish presence surveys. Buffers shown on the map indicate where it is believed perennial streams are located. Streams will be verified during sale layout.

2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
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:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
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:
 - No recreation resources exist within the sale boundaries or are within proximity to the sale areas.

IX. HISTORIC AND CULTURAL RESOURCES:

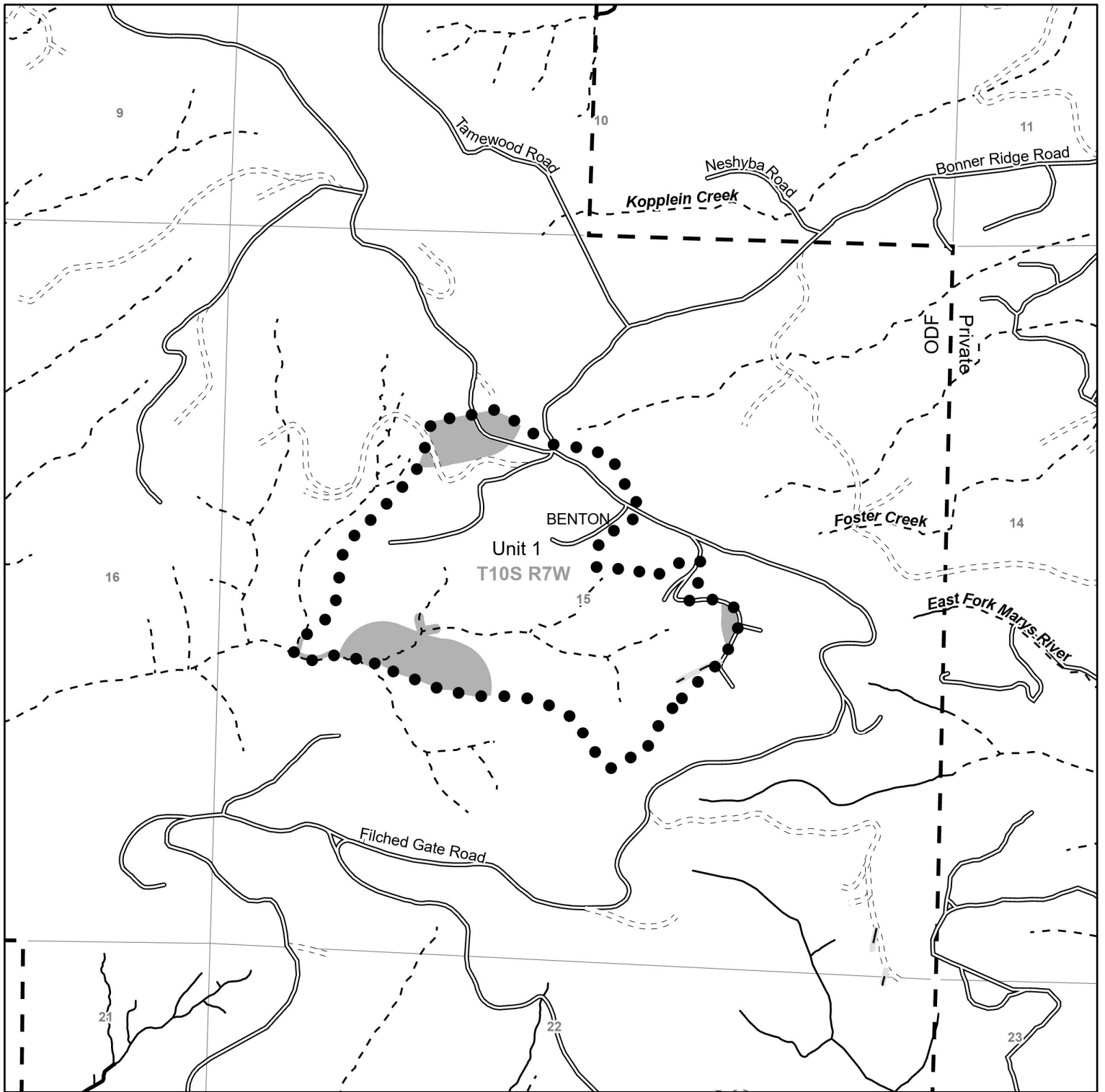
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☒ Yes ☐ No

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
- Surfaced
- - - Unsurfaced
- Fish Stream
- Perennial Nonfish Stream
- - - Unknown Stream
- Ownership Boundary

FY 2025 - West Oregon District
Bon Thin Bon
Portions of Section(s) 15, T10S, R7W WM.
Benton County

State Forest Division
04/10/2024

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.

Unit 1	82 Acres (CC)
Unit 2	0.3 Acres (R/W)
Total	82 Acres

1:12,000

