

Pre-Operations Report

Operation Name: Nelson Nebulous
County (%): Lane 100%
Elevation: 457 – 1,138 ft
Legal Description: T17S R8W, Section 14

Tax Code(s): n/a
BOF%: 100 **CSL%:** 0
Sale Quarter:
Unit: Veneta - NWFMP

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, BM-M	117	110	50	5,500	\$600	\$3,300,000
Total		Regeneration	117	110		5,500		
		Partial Cut	0	0		0		
							Gross Value	\$3,300,000
a. Estimated harvest volume per acre for Unit.							Project Costs	\$150,000
b. Estimated ‘price’ (excluding Project Costs)							Net Value	\$3,150,000
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	15389	I = 15383	DF, WH	85	83	21	195	45%	21
1	15390	M	DF, RA	85	48	26	176	37%	21
1	15394	I = 15148	DF, BM	85	152	18	268	65%	67

- 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 and approximately 18 acres of the sale were commercially thinned in 2009, while another 25 acres were commercially thinned in 1991. The remaining acres were planted but have no record of 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	15389	3	129			
1	15390	6	264			
1	15394	17	67			

- 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
 - Notes: Portions of the sale are located within the Knapp Creek Elevated Baseline Thiessen for which a habitat assessment is required.
2. Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☐ Density Surveys ☒ Operational Surveys ☐ Combination (Density/Operational)
 - Notes: Surveys completed in 2022 and 2023.
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)
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:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	15389	UDS	GEN	No	21
1	15390	UDS	GEN	No	21
1	15394	LYR	GEN	No	67

- 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					

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	30	70	0-35	Simple	All Weather

1. Haul Route: Nelson Creek Road 17-8-14 and 17-8-13 road

¹ Oregon Biodiversity Information Center
Western Lane District
Approved - June 2024

2. Haul Route Condition: Maintained gravel roads
3. Are easements required for the haul route? ☒ Yes ☐ No
 - PURCHASER's use of roads is subject to a 314 agreement which PURCHASER shall complete with BLM and Roseburg.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.22	0
Improve, rock, and/or maintain	1.24	0.54	0.46	0
Vacate	0	0	0	0
Block	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)

4. Rock Sources for this operation: Commercial Rock Source
5. Are property line surveys required for this operation? ☐ Yes ☒ No
6. Is there new road construction occurring in Riparian Conservation Areas and/or Habitat Conservation Areas? ☒ 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./P.D.F.T: ☒ 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 fish presence, 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 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	Yes	Yes	

- **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:

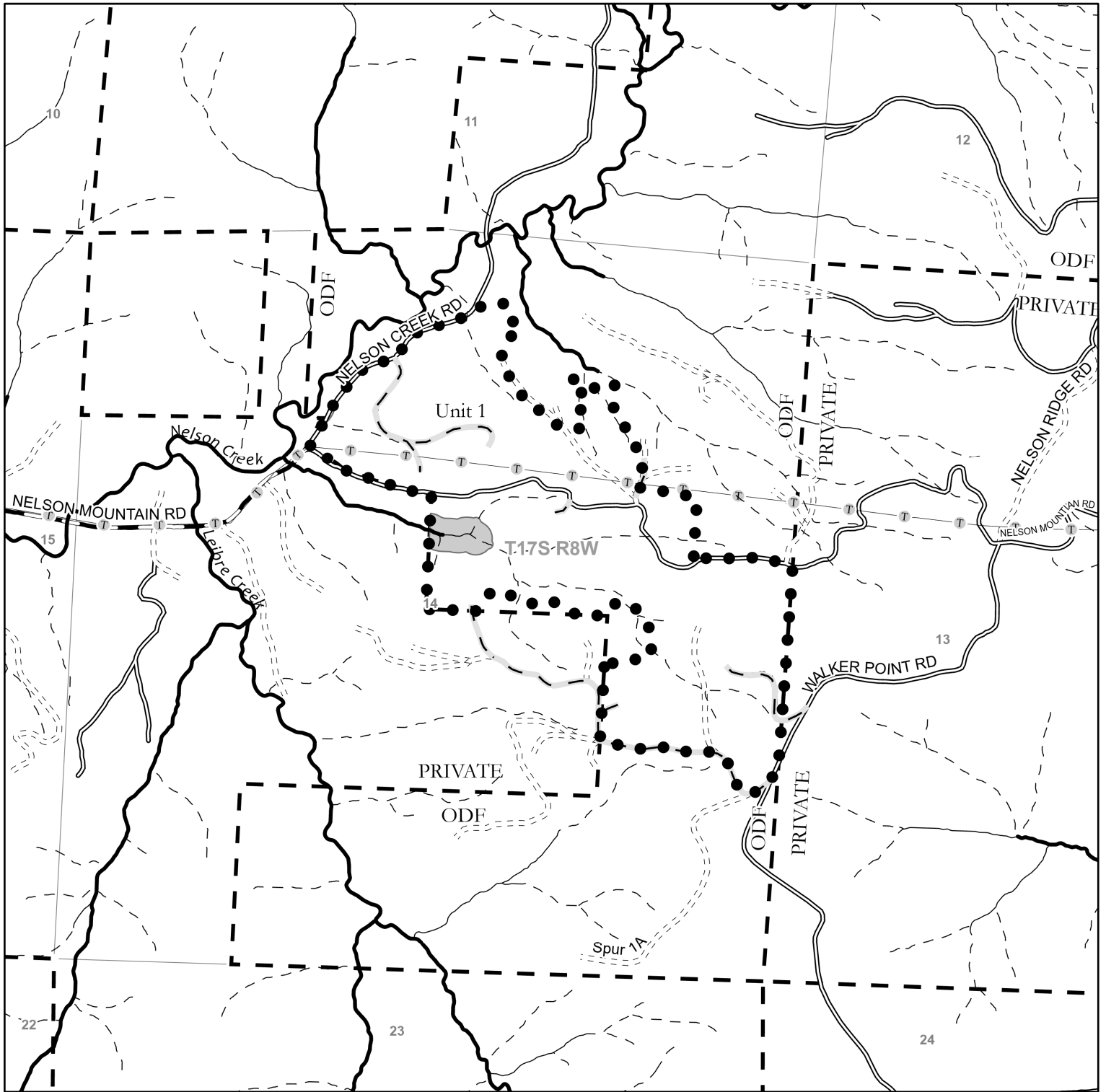
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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:
- Adjacent Landowner: BLM
 - Transmission lines run through the middle of the sale. Operators will need to exercise care and coordinate with the power company while operating near the power lines.



**FY 2025 - Western Lane District
Nelson Nebulous
Portions of Section(s) 14, T17S, R8W, W.M.
Lane County**

State Forest Division
01/25/2024

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 Flow Line layer.

Unit 1 110 Acres (CC)

Legend

- Sale Boundary
- Perennial Fish Stream
- Perennial Non-Fish Stream
- - Seasonal Non-fish Stream
- T— Transmission Lines
- Paved Road
- Surfaced Road
- - - Unsurfaced Road
- No Harvest
- Ownership Boundary

1:12,000

1,000 500 0 1,000 Feet

