

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: ALT
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 ¹	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.

¹The snags per acre amount seems high for this imputed stand. It is more likely closer to the 6 per acre of the measured stand.

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
 - 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 2023 and 2024.
- 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])?
 - ☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	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.
- b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration (REG), Closed Single Canopy (CSC) and Understory (UDS) stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

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					

- **Leave Tree Considerations:** Foresters will work with wildlife biologist during sale layout. The following should be considered when determining final leave tree arrangements.
- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

¹ Oregon Biodiversity Information Center
Western Lane District
Draft - April 2025

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
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	0.58	0.08
Improve, rock, and/or maintain	0	0.73	0.33	0.51
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)

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: ☐ 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 and 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:

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:** Geotechnical reviews have been completed and it was determined that no slope protections are needed. 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:

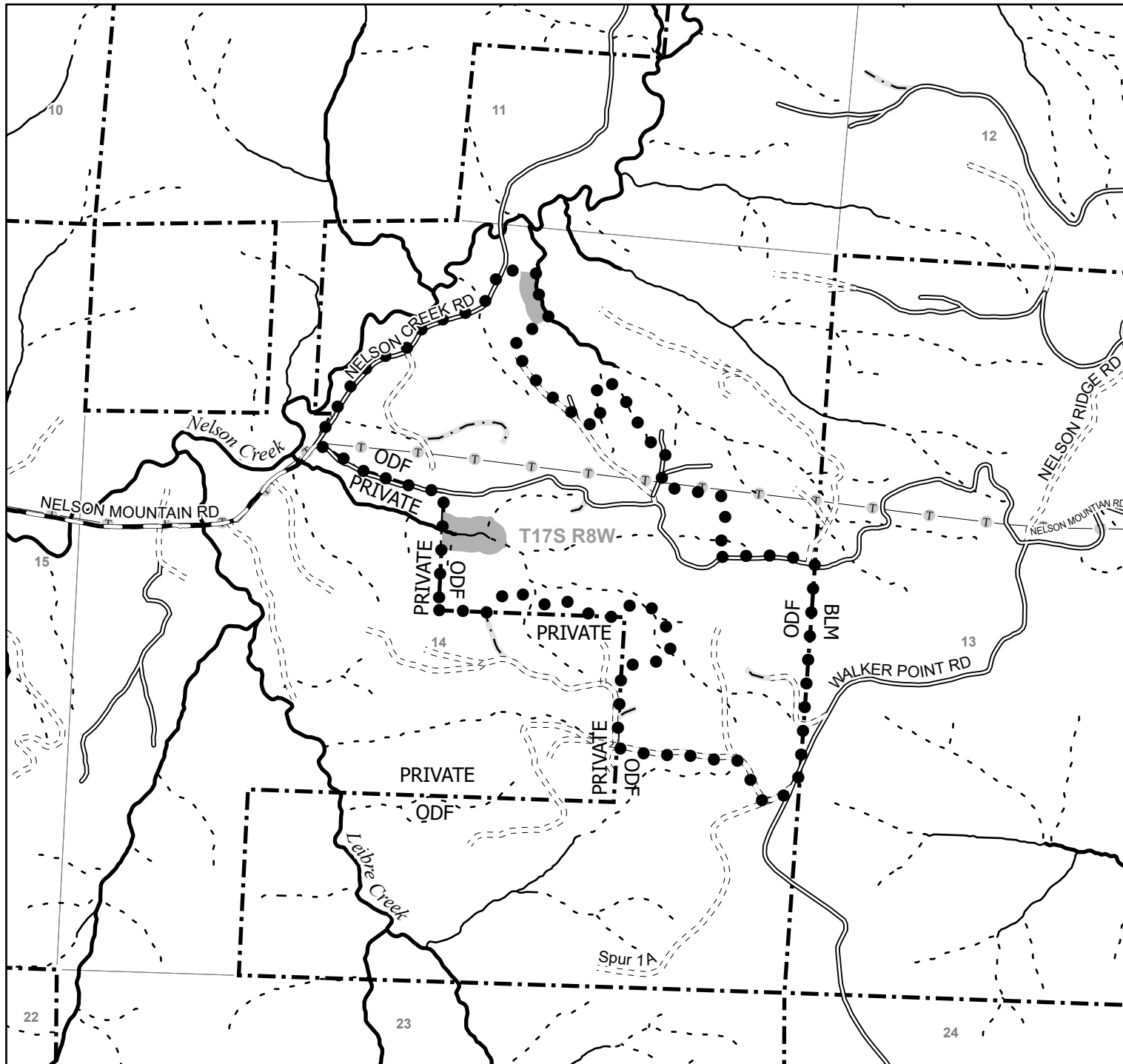
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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
- **Powerline:** Transmission lines run through the middle of the sale. Logging systems should be designed to avoid this hazard. The power company will need to be coordinated with during sale layout and during active operations.
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
- **Adjacent Landowners (shared property lines):**
 - Federal, Private Industrial, Private Landowners:
 - 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.



Legend

- Sale Boundary
- No Harvest Area
- Paved Road
- Surfaced Road
- - - Unsurfaced Road
- - - New Road Construction
- Fish Stream
- Non-Fish, Perennial Stream
- - - Non-Fish Stream, Unverified Permanence
- Transmission Lines
- Ownership Boundary

FY 2026 - Western Lane District Nelson Nebulous Portions of Section(s) 14, T17S, R8W, WM. Lane County

State Forest Division
11/27/2024

This product is for informational use and may not be
suitable for legal, engineering, or surveying purposes.

1:12,000

Unit 1 110 Acres (CC)

1,000 500 0 1,000 Feet

