

Pre-Operations Report

Operation Name: Mashed Potatoes
County (%): Marion (100%)
Elevation: 1,843 – 2,144 ft
Legal Description: T7S R2E, Section(s) 29, 31, 32

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	CC	DF-M, RA-S	44	42	32.0	1,344	\$600	\$806,400
2	CC	DF-L, RA-M	95	91	32.0	2,912	\$600	\$1,747,200
Total		Regeneration	139	133		4,256		
		Partial Cut	0	0				
						Gross Value		\$2,553,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$39,364
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,513,966
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	12230	I = 12089	DF,RA	94	116	18	198	48%	35
1	12766	I = 12039	DF,WH	94	80	23	226	50%	8
2	12128	I = 12210	DF,RA	84	20	33	119	23%	90
2	12143	M	DF,RA	45	158	13	146	40%	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.
- The stands within Unit 1 and portions of Unit 3 were thinned in 2007. The stand within Unit 2 and portions of Unit 3 were thinned in 2004.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	12230	1	1752			
1	12766	2	2631			
2	12128	3	1381			
2	12143	0	1134			

- 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.)

- 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
- Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

- 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:

- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?
☐ No ☒ Yes, please describe: Hygrobiella laxifolia is shown in the ORBIC layer, a liverwort species characteristic of rock faces next to waterfalls, which are protected under our current RCA protection strategies. District staff will work with biologist for any additional protection requirements during sale layout on Area 2 if a waterfall is identified.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	12230	UDS	GEN	No	35
1	12766	LYR	GEN	No	8
2	12128	CSC	GEN	No	90
2	12143	UDS	GEN	No	1

¹ Oregon Biodiversity Information Center
North Cascade District
Approved - June 2024

- 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 Prescription (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	CC	DF				
2	CC	DF				

- **Green Tree Retention Area:** Prioritize larger diameter trees in southeastern portion of Unit 1 as part of the retention strategy. District staff will work with wildlife biologist on leave tree strategies during sale layout.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	0	100	0-40%	Simple	Dry Weather Only
2	0	100	0-40%	Simple	Dry Weather Only

1. Haul Route: The haul route will be Cedar Creek 100, Cedar Creek 200, Cedar Creek 410, and the Cedar Creek 500 to the Cedar Creek Road. The Cedar Creek Road will lead out to the Abiqua Mainline and then the Grade Road.
 - There is a locked gate along the haul route.
2. Haul Route Condition: The haul route will likely require final grading and patch rock at the conclusion of the timber sale.
3. Are easements required for the haul route? ☒ Yes ☐ No
 - Easements are required to utilize this haul route. The easement is 311.2412 with Longview Fiber Co.
 - Road Maintenance and Insurance are required.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.63	0
Improve, Rock, and/or Maintain	0	0	0	0
Block (Dormant)	0	0	0	0
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: The primary rock sources would be the Bridge Creek Pit.
5. Are property line surveys required for this operation? ☒ Yes ☐ No
 - The North property line of Unit 2 is shared with private industrial timber ground where timber types are similar. Evidence of property line markings will need to be reconned prior to timber sale boundary posting. The survey will be accomplished by ODF staff with approximately 1 mile of property line to be surveyed.
6. Is there planned new road construction planned within RCAs/HCAs? ☐ Yes ☒ No

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
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 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?

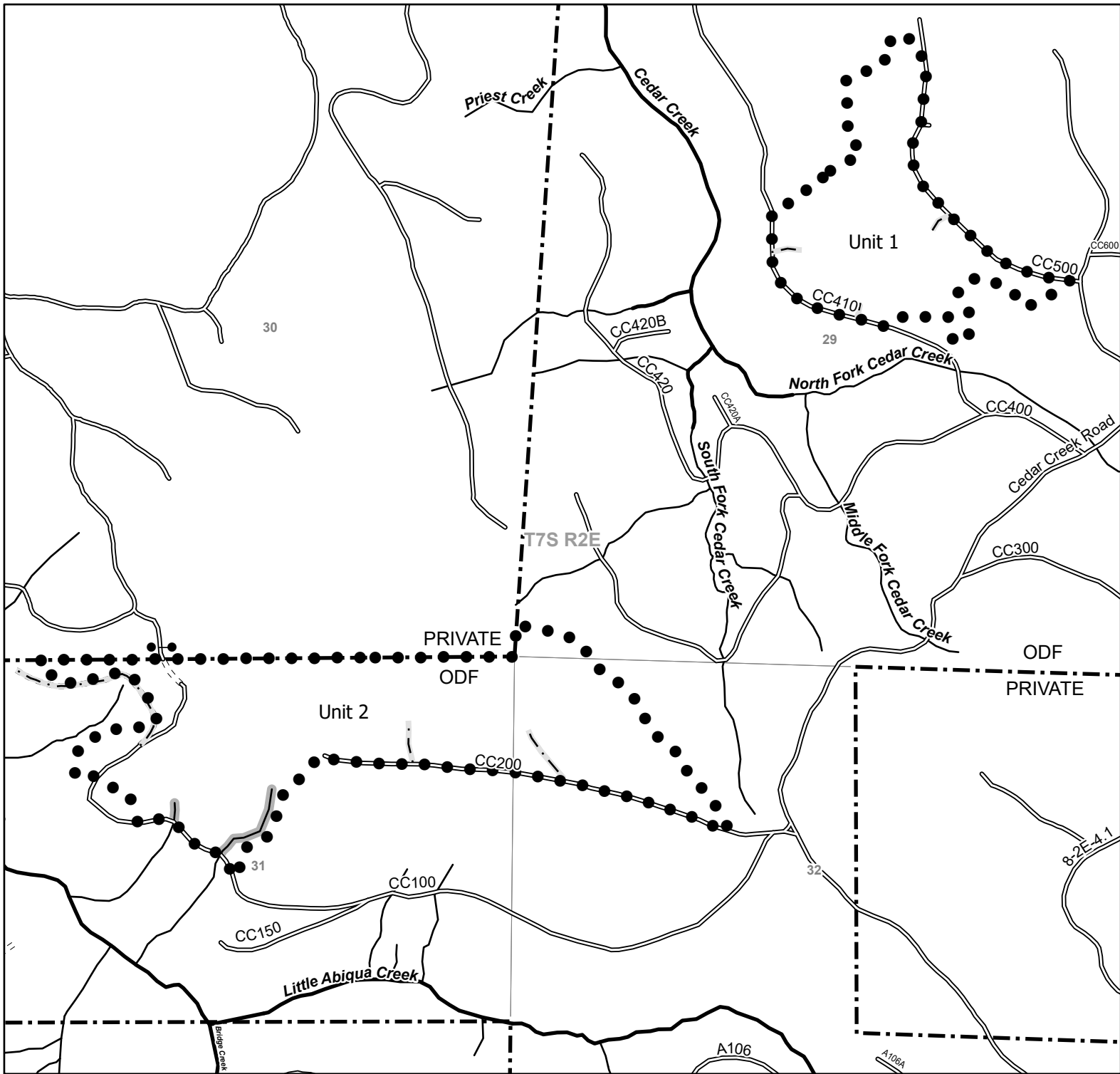
☒ Yes ☐ No

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:
Adjacent Landowner: Private Non-Industrial



FY 2025 - North Cascade District

Mashed Potatoes

Portions of Section(s) 29, 30, 31, 32 T7S, R2E, WM.

Marion County

Legend

- ● Sale Boundary
- ● Gates
- - - New Road Construction
- Surfaced
- - - Unsurfaced
- Perennial Fish Stream
- Perennial Nonfish Stream
- No Harvest Area
- - - Ownership Boundary

State Forest Division

02/15/2024

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	42 Acres (CC)
Unit 2	91 Acres (CC)

Total	133 Acres
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1:12,000

1,000 500 0 1,000 Feet

