

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: 4

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	56	51	32.0	1,664	\$550	\$915,200
2	CC	DF-L, RA-M	94	91	32.0	2,912	\$550	\$1,601,600
3	R/W	DF-S, RA-S	1	1	26.0	32	\$550	\$17,600
Total		Regeneration	151	144		4,608		
		Partial Cut	0	0				
						Gross Value		\$2,534,400
a. Estimated harvest volume per acre for Unit.						Project Costs		\$86,859
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,447,541
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	12210	M	DF,RA	94	20	33	119	23%	10
1	12230	I = 12089	DF,RA	94	116	18	198	48%	34
1	12766	I = 12039	DF,WH	94	80	23	226	50%	8
2	12128	I = 12210	DF,RA	84	20	33	119	23%	90

- 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 were thinned in 2007. The stand within Unit 2 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	12210	3	1381			Deer/Elk browse
1	12230	1	1752			Deer/Elk browse
1	12766	2	2631			Deer/Elk browse
2	12128	3	1381			Deer/Elk browse

- 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 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.

- 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])?
☐ 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 ^b	Inside of HCA	Net Acres ^a
1	12210	CSC	GEN	No	10
1	12230	UDS	GEN	No	34
1	12766	LYR	GEN	No	8
2	12128	CSC	GEN	No	90

- 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.
- 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. 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				

- **Leave Tree Considerations:** Foresters will work with wildlife biologist during sale layout. The following should be considered when determining final leave tree arrangements.
 - **Stand Characteristics::** Prioritize larger diameter trees in southeastern portion of Unit 1 as part of the retention strategy.
- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

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	All Weather
2	0	100	0-40%	Simple	All Weather

- 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.
- Haul Route Condition: The haul route will likely require final grading and patch rock at the conclusion of the timber sale.
- 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	0
Improve, Rock, and/or Maintain	0	3.53	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	1(R)	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
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.: ☐ 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 operations?
4. ☒ No ☐ Yes, describe protection measures: Are there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operations? ☒ 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	-
2	Yes	Yes	-

- **Geotech Review:** Geotechnical reviews have been completed and slope protections have been incorporated into No Harvest buffers shown on the map. 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:

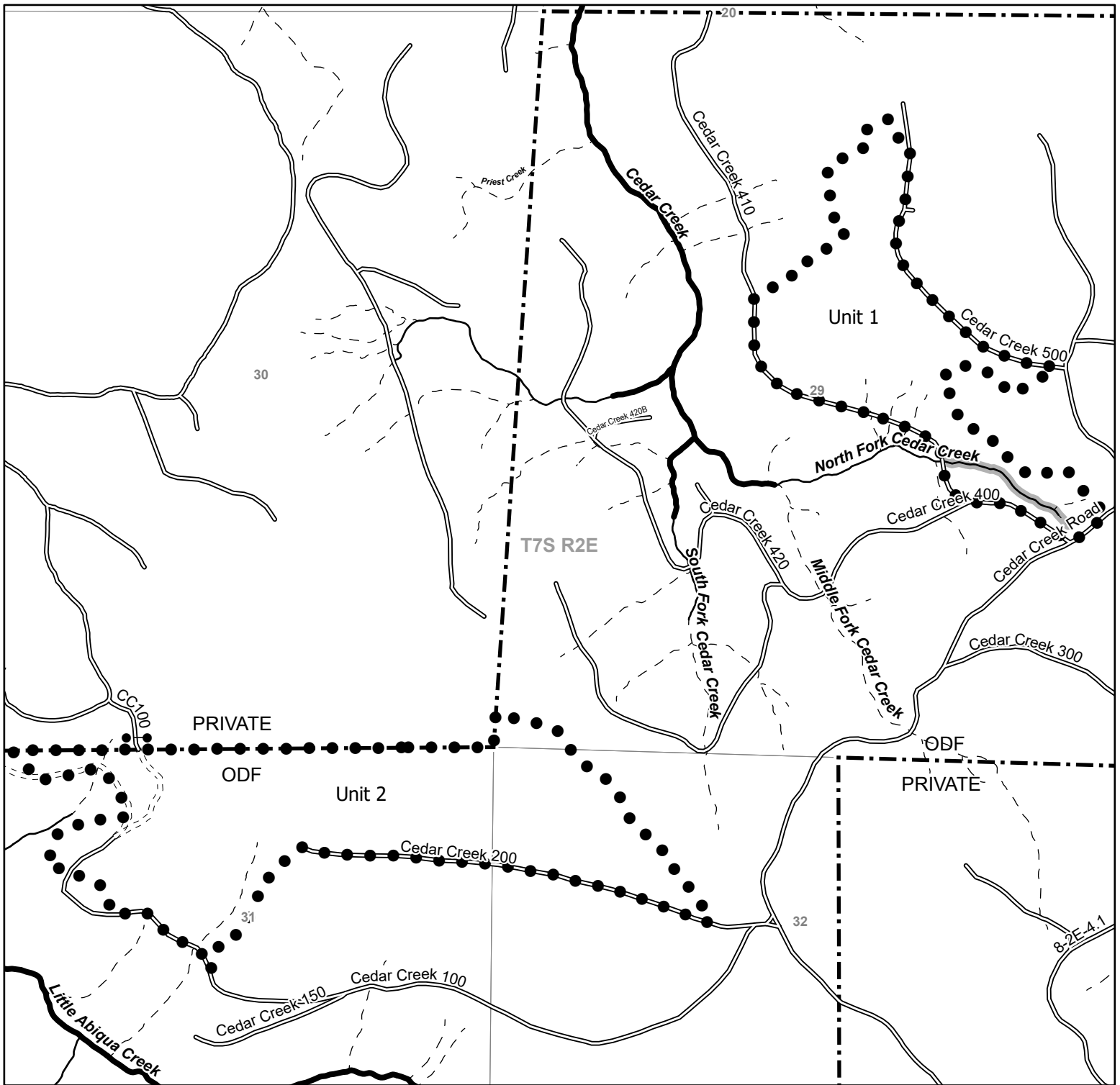
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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, please describe:
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
- **Adjacent Landowner (shared property lines):**
 - Private non-industrial
 - 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

- Gates
- Sale Boundary
- No Harvest Area
- Surfaced
- - - Unsurfaced
- Perennial Fish Streams
- Perennial Non-Fish Streams
- - - Seasonal Streams
- Ownership Boundary

FY 2026 - North Cascade District Mashed Potatoes Portions of Section(s) 29, 31, 32, T7S R2E, WM. Marion County

State Forest Division
01/03/2025

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	51 Acres (CC)
Unit 2	91 Acres (CC)
Unit 3	1 Acres (R/W)

Total 144 Acres

