

Pre-Operations Report

Operation Name: Beaver Power
County (%): Tillamook (100%)
Elevation: 1,835 – 2,182 ft
Legal Description: T1N, R6W, Section 11

Tax Code(s): 902
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	81	68	33.0	2,244	\$455	\$1,021,020
Total		Regeneration	81	68		2,244		
		Partial Cut						
							Gross Value	\$1,021,020
a. Estimated harvest volume per acre for Unit.							Project Costs	\$96,600
b. Estimated ‘price’ (excluding Project Costs)							Net Value	\$924,420
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	7933	M	DF, RA	70	95	19	192	45%	68

- 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 were commercially thinned in 1992.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/Acre ^a	Down Wood/Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	7933	7	162			

- 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 (in progress/completed) ☒ No (Not habitat) ☐ N/A (outside of MM survey zone)

Notes:

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:

- There are known occurrences of Nelson’s checkermallow within a ¼ mile of the timber sale, no additional restrictions needed. Consult Oregon Department of Agriculture if found within the timber sale boundary.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	7933	UDS	GEN	No	68

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					

- **Green Tree Retention Area:** No clear green tree strategy was determined as the timber is roughly homogenous throughout the sale. There are opportunities to work with recreation staff to clump leave trees between trails and riparian areas on the west side of the sale. Work with wildlife biologist during sale layout.

¹ Oregon Biodiversity Information Center
Forest Grove District
Approved – June 2024

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	50	50	35-65	Simple	All Weather

- Haul Route: Beaverdam Road to Highway 6
- Haul Route Condition: The haul route is a maintained gravel road. Road maintenance or improvement needs will be further assessed during sale layout.
- 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	0.07	0
Improve, Rock, and/or Maintain	5	0	3.1	0
Block (Dormant)	0	0	0	0
Vacate	0	0	0.3	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)

- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.
- Rock Sources for this operation: BD5 Quarry
 - 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
 - Buffers shown on the map indicate where it is believed streams are located. Unknown streams will be 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: Devils Lake Fork Wilson River
 - Within the designated Aquatic Anchor no harvest stream buffers will be extended out to 50 feet when regeneration harvesting near small perennial, debris flow-prone, and high-energy non-fish streams as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.
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	N	N	

- **Geotech Review:** Initial geotechnical reviews will be completed prior to AOP approval. Some slope protections are dependent on further field review or on stream surveys that will be completed during sale layout. Consultation with the Geotechnical Specialist is required during sale layout and as streams surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☐ No ☒ Yes, please describe:
 - Segments of Island Trail exist within the sale boundary. The Marketing Unit and Roads Unit will work closely with the Recreation Program during sale layout, contract writing, and sale administration to minimize impact to the recreational trails and mitigate public use safety concerns.

The recreation trails will be temporarily closed when safety hazards are present during timber sale activity and re-opened once sale activity is completed or when safe to do so. The Recreation Program may perform maintenance upgrades to improve sustainability and improve hydrological disconnection during closure to minimize impact to the public.

IX. HISTORIC AND CULTURAL RESOURCES:

1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?

☒ Yes ☐ No

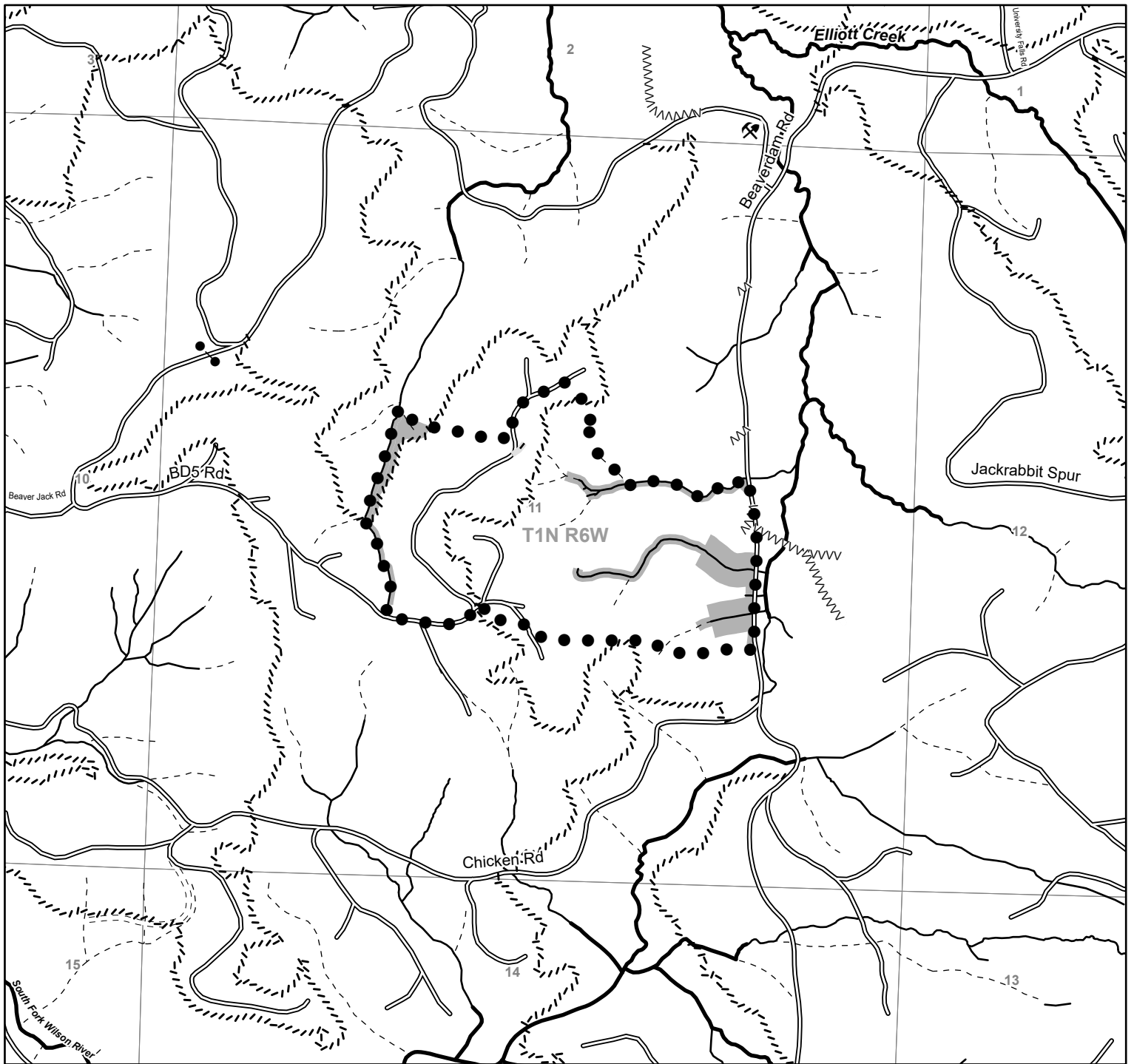
X. SCENIC RESOURCES:

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
- Gates
- ⚡ Quarry
- //// Recreation Trails
- Surfed Roads
- - - - Unsurfaced Roads
- New Road Construction
- www Planned Road Vacating
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - Seasonal Stream
- Ownership Boundary

**FY 2025 - Forest Grove District
Beaver Power
Portions of Section 11, T1N, R6W, W.M.
Tillamook County**

Unit 1 68 Acres (CC)

State Forest Division
10/25/2023

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.

1:12,000

