Pre-Operations Report

Operation Name: Z Tops
County (%): Tillamook (100%)
Elevation: 465 - 890 ft
Legal Description: T1S R7W, Section(s) 28, 33

Tax Code(s): 902
BOF%: 100 **CSL%: 0**
Sale Quarter: Alternate

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
283	CC	RA-S, DF-S	89	65	13.0	845	$200	$169,000
Total		Regeneration	89	65		845		
		Partial Cut						

	Gross Value	$169,000
a. Estimated harvest volume per acre for Unit.	Project Costs	$36,200
b. Estimated 'price' (excluding Project Costs)	Net Value	$132,800

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]
283	30074	M	WH,CH	19	207	8	63	22%	6
283	32136	I = 34451	DF,RA	60	197	15	224	59%	21
283	32715	M	DF,WH	17	--	--	--	0%	1
283	35481	I = 34245	RA,WI	70	173	15	198	52%	23
283	35482	I = 37935	RA,DF	70	124	17	188	47%	11
283	37935	M	RA,DF	60	124	17	188	47%	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.

- These stands were planted but have no record of pre-commercial or commercial thinning.
- The younger stand ages listed for 30074 and 32715 in Unit 283, reflect the small portions of the unit that were previously harvested. Although yarding, and some harvest will occur, the younger trees in these acres will not be targeted for harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
283	30074	0	370	Yes	--	Stunted alder
283	32136	20	623	Yes	--	Stunted alder
283	32715	0	770	Yes	--	Stunted alder

283	35481	5	71	Yes	--	Stunted alder
283	35482	14	59	Yes	--	Stunted alder
283	37935	14	59	Yes	--	Stunted alder

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.

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?
   ☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
283	30074	CSC	LYR	Yes	6
283	32136	UDS	LYR	Yes	21
283	32715	REG	LYR	Yes	1
283	35481	UDS	LYR	Yes	23
283	35482	UDS	LYR	Yes	11
283	37935	UDS	LYR	Yes	1

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, 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. Harvest Prescriptions

Unit	Harvest Type	Harvest Species	Residual (Partial Cut & HCA only)			
			Species	TPA	BA	% SDI
283	CC	RA, DF	--	--	--	--

- **Prescription Considerations:**
    - Unit 283 is located in a Habitat Conservation area and is predominately a stunted alder stand with a component of Douglas-fir that is infected with Swiss Needle Cast. This stand will be regeneration harvested to remove the stunted red alder and the majority of the Swiss Needle Cast infested Douglas fir while retaining the largest trees available, those individual Douglas-fir that are growing well, and tree species that are resistant to Swiss needle cast. This area will be replanted with a mix of SNC tolerant species and will highlight planting at lower densities to promote complex patches of early seral stage forest resulting in a stand that is positioned for future habitat treatments to grow into habitat for covered species in an accelerated timeframe. Treatments are intended to improve spatial heterogeneity, compositional diversity, understory development, canopy layering, and structural complexity of dominant and subdominant cohorts relative to untreated stands with similar conditions. Field staff and ODF Wildlife biologists will work closely during sale layout to determine legacy components (species, size, location, etc.) when finalizing prescriptions in these areas.

- **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 and minor species within each unit as part of the retention strategy.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
283	70 DF / 30 WH		Challenging aspect, rocky soils

*These are estimates for planning purposes and will be adjusted as needed based on site conditions during implementation.

- Reforestation Considerations:
    - Aspect will be challenging since this unit is hard south face.
    - Based on adjacent planting work, this area will have extremely rocky soils and possibly even boulder fields that will hinder tree establishment or make it impossible.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
283	100	0	35-65	Simple	Dry Weather Only

1. Haul Route: North Fork Trask Road.
    - There are no locked gates on the haul route.
2. Haul Route Condition: North Fork Trask Road will need a moderate grading and minor spot rocking.
3. Are easements required for the haul route? ☐ No ☒ Yes
    - Existing easement retained when Trask Park was traded to the County in a land exchange. ODF retained a non-exclusive easement over the North Fork Trask Road.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0.68
Improve, Rock, and/or Maintain	0	4.77	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)

- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation: Bobcat Road Stockpile.
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes

    - New road construction within RCA and HCAs will only occur when other alternatives are not operationally or economically feasible. Planned new road construction will be evaluated as it is further refined during sale layout.

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 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 9. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete
283	No	Yes

- **Geotech Review:** Initial geotechnical reviews have been completed, and slope protections have been incorporated into No Harvest buffers shown on the map. Some slope protections are dependent on further field review or on stream surveys that have not yet been completed. 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:

- Recreation dispersed sites exist near sale area #283. The Marketing Unit will work closely with the Recreation Program during sale administration to minimize the impact to the recreational sites and mitigate public use safety concerns. The recreation sites 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.

IX. HISTORIC AND CULTURAL RESOURCES:

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

X. SCENIC RESOURCES:

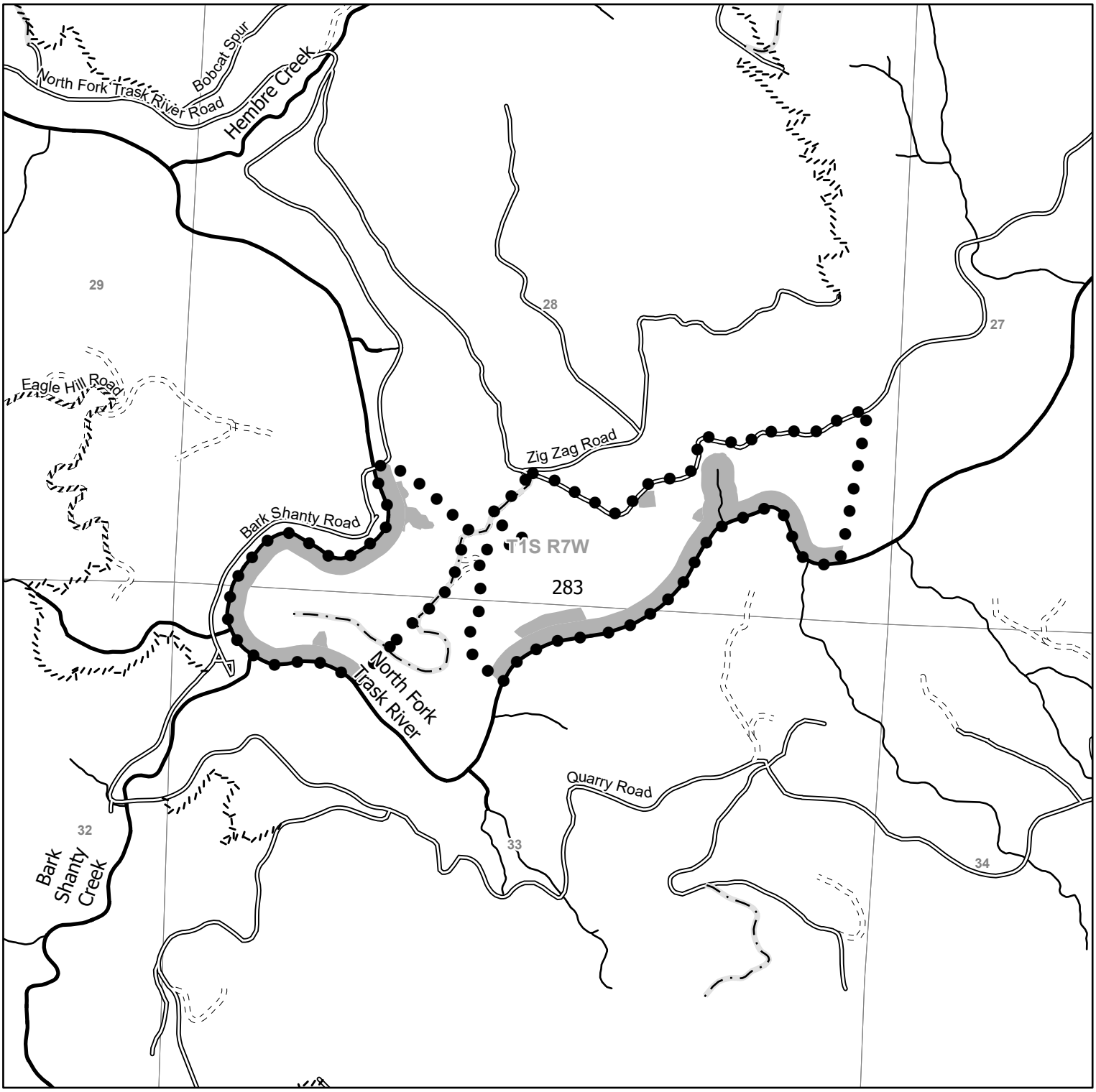
1. Are there scenic resources in the vicinity of this operation that need additional consideration?
   ☒ No ☐ Yes, please describe:

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:

- The layer shows that a portion of the unit is within the "County Land Use Resolution" deed (Focused Stewardship). The harvest prescriptions have been developed in alignment with this designation by focusing on removing the SNC and alder. District staff will further refine this prescription during sale layout.

2. Are there any other resources present that need additional consideration? ☒ No ☐ Yes, please describe:



Legend

- Sale Boundary
- Surfaced
- Unsurfaced
- Ownership Boundary
- Perennial Fish
- Perennial Non-Fish
- New Road Construction
- Recreation Trails
- No Harvest - Green Tree Retention
- No Harvest Area
- No Harvest - Existing Road; New Construction

FY 2027 - Tillamook District
Z Tops
Portions of Section 28, 33, T1S, R7W, , W.M.
Tillamook County

State Forest Division
03/19/2025

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey 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 layer.

1:12,000

1,000 500 0 1,000 Feet

Unit 283 65 Acres (CC)

Total 65 Acres

N