Pre-Operations Report

Operation Name: East Micro
County (%): Clatsop
Elevation: 1,971 - 2,562 ft
Legal Description: T7N, R6W, Sections 3, 4, 9

Tax Code(s): 6J-01, 1-02
BOF%: 100% **CSL%:** 0%
Sale Quarter: 2nd

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	SS-M, WH-M	87	83	33	2,739	$230	$629,970
2	CC	DF-M, WH-M	66	33	30	990	$200	$198,000
3	R/W	DF-S, WH-S	5	5	30	150	$245	$36,750
Total		Regeneration	158	122		3,879		
		Partial Cut						
						Gross Value		$864,720
a. Estimated harvest volume per acre for Unit.						Project Costs		$162,400
b. Estimated 'price' (excluding Project Costs)						Net Value		$702,320

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	24923	M	SS, WH	57	140	18	248	60%	83
2	23319	M	DF, SS	57	191	15	232	61%	6
2	23372	I = 23482	RA, DF	75	142	16	202	51%	1
2	24482	I = 23359	WH, SS	63	67	22	183	41%	10
2	24688	I = 23295	DF, WH	57	64	22	172	38%	14
3	23319	M	DF, SS	57	191	15	232	61%	5

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. Unit 1 was thinned in 2011, while a portion of Unit 2 was thinned in 2015.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
1	24923	6	90	Y		
2	23319	15	683			
2	23372	17	122			

2	24482	5	352			
2	24688	12	480	Y		
3	23319	15	683			

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.

- Scotchbroom is present in some locations along haul route

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)
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: Surveys started in 2025 and are continuing in 2026. These surveys will expire on 04/01/2032.
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
1	24923	UDS	GEN	83	0
2	23319	UDS	GEN	6	0
2	23372	UDS	GEN	1	0
2	24482	UDS	GEN	10	0
2	24688	CSC	GEN	14	0
3	23319	UDS	GEN	5	0

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
1	CC					
2	CC					

- **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.
    - **Wildlife:** Prioritize leave trees within the NSO circle and platform trees where MAMU habitat exists.
    - **Safety:** Unit 2: Trees left adjacent to the quarry or to Nicolai Mainline could blow over and create a future hazard.
    - **No Harvest Areas:** Unit 2 includes a designated no-harvest area. This area contains a mix of younger reproduction and scattered older residual trees. The younger trees are not large enough to qualify as leave trees for the stand. In the southwestern portion of this no-harvest area, there is existing merchantable timber. These merchantable trees also should not be counted as leave trees, as they are being retained due to potential habitat rather than for structural leave-tree requirements

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	50%DF, 25%WH, 10% NF, 10% GF, 5% WRC	360	Elev. >1,500'. SNC Zone= Yes. Anticipated seedling animal damage= mountain beaver, elk, deer.
2	50%DF, 25%WH, 10% NF, 10% GF, 5% WRC	360	Elev. >1,500'. SNC Zone= Yes. Anticipated seedling animal damage= mountain beaver, elk, deer.

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

- **Reforestation Considerations:**
    - **Aspect:** North, west.
    - **Elevation:** Plant with high elevation stock types.
    - **Animal Damage:** Post-harvest operations review for mountain beaver management needs. Scatter highly desirable elk and deer browse tree species across units. Plant at a TPA density anticipating some elk and deer browse mortality.
    - **Insect/Disease:** Plant with SNC resistant seedling stock types. Where laminated root rot presence is known plant that area with tolerant stock types.
    - **Brush:** Post-harvest operations review for vegetation management needs.
    - **Slash:** Assure slash management plan is followed during harvest operations.
    - **Planting:** Scatter WRC throughout units, focusing on wetter areas. Plant plug stock type in areas of shallow or rocky soil. Due to high elevation plant these units early in the planting season.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	0	100	<35	Verified	Combo
2	0	100	<35	Established	All Weather
3	0	100	<35	Verified	Combo

1. Haul Route:

- Microwave Road and Nicolai Mainline.

2. Haul Route Condition:

   - A project is planned for replacement rock and maintenance needs. Interior working spurs will be assessed during sale layout to determine if more extensive road maintenance is needed.

3. Are easements required for the haul route? ☐ No ☒ Yes

   - Nicolai Mainline Road. Easement (#311.04381) dated April 18, 1972, by and between the State of Oregon, Board of Forestry and Crown Zellerbach Corporation, requiring insurance and road maintenance. Current landowner: PH Timber, LLC, FIA c/o Mason, Bruce, and Girard, Inc.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.2	0.3
Improve, Rock, and/or Maintain	3.7	0.7	0.2	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.
   - A new road outside of the sale area will be constructed to support a FY28 timber sale. This will allow the sale to proceed with limited project work.

4. Rock Sources for this operation:

   - Viewpoint Stockpiles.
   - Pit-run and Jaw Run are available at the Viewpoint Quarry.

5. Are property line surveys required for this operation? ☒ No ☐ Yes

6. Is there planned new road construction planned within RCAs/HCAs? ☒ 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, 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
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:

   - Segments of Trunkline Trail, Cake Walk Trail, and Microwave Trail exist within the sale boundaries. These segments of trail will be vacated with the timber sale and the trail connection lost as a result of vacation or road construction will be re-evaluated for re-route construction post timber sale. The Marketing Unit and Roads Unit will work closely with the Recreation Unit during sale layout, contract writing, and administration to mitigate public use safety concerns.

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:

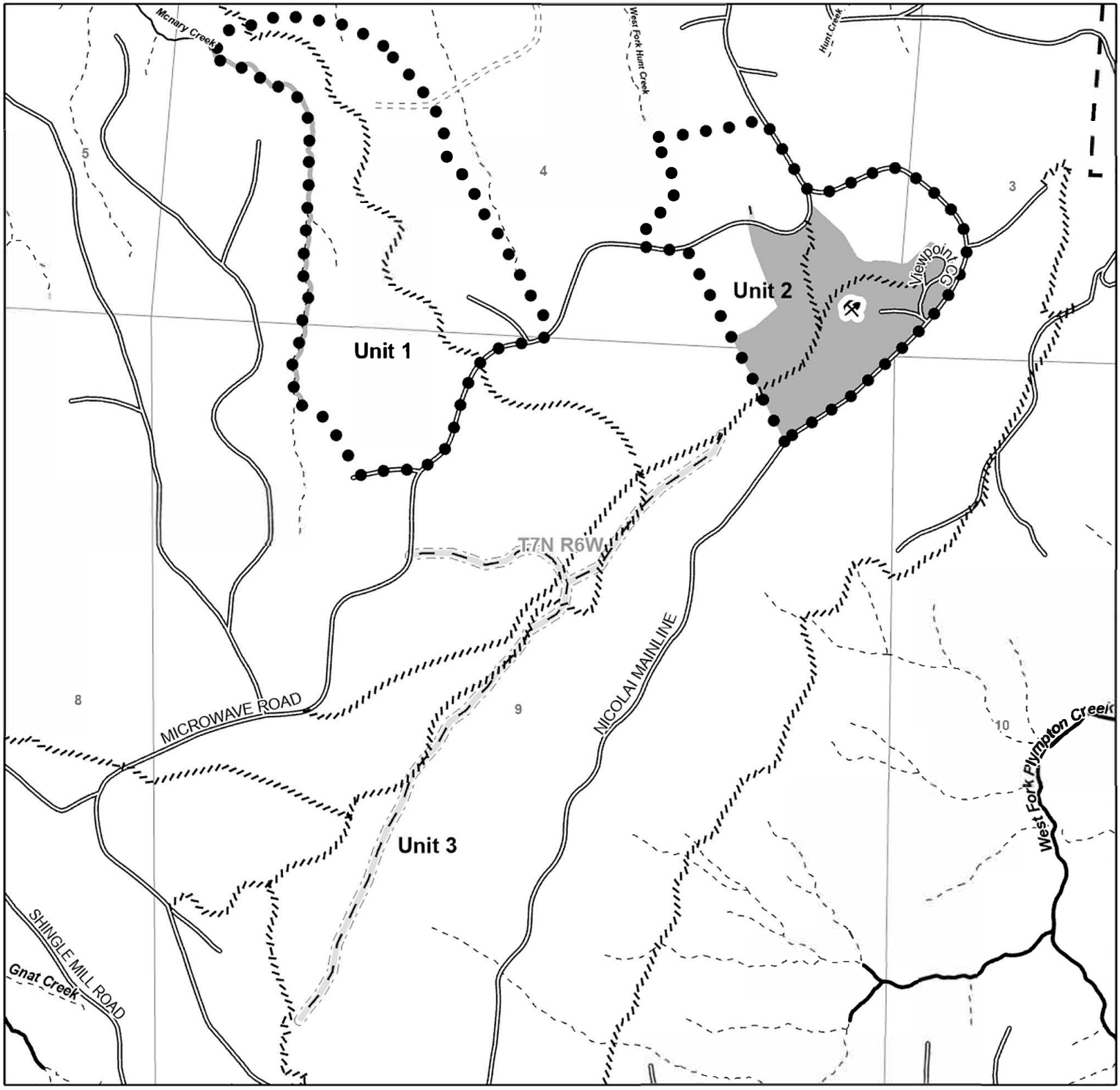
1. Are there scenic resources in the vicinity of this operation that need additional consideration?
   ☒ No ☐ Yes, please describe:

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:

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

   - **No Harvest Other Boundary**: Sale layout foresters should work in collaboration with biologist to identify potential habitat trees on the southwestern boundary of Unit 2. The boundary should be posted at least 200 meters away from these potential habitat trees.



Legend

- Sale Boundary
- No Harvest Area
- Road Buffer, New Construction
- Quarry
- Recreation Trails
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

FY 2027 - Astoria District
East Micro
Portions of Sections 3, 4, & 9, T7N, R6W, W.M.
Clatsop County

Unit 1 83 Acres (CC)
Unit 2 33 Acres (CC)
Unit 3 5 Acres (R/W)

Total 122 Acres

State Forest Division
02/05/2026

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 Flowline Layer.

1:12,000

1,000 500 0 1,000 Feet

N