Pre-Operations Report

Operation Name: Looking Glass
Tax Code(s): 8-01
County (%): Clatsop (100%)
BOF%: 100% **CSL%:** 0%
Elevation: 762 - 1,910 ft
Sale Quarter: 3rd
Legal Description: T5N R6W, Section 31; T5N R7W, Sections 34, 35, 36

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	PC	DF-M, WH-M	468	413	26.0	10,738	$400	$4,295,200
Total		Regeneration				10,738		
		Partial Cut	468	413				
						Gross Value		$4,295,200
a. Estimated harvest volume per acre for Unit.						Project Costs		$738,000
b. Estimated 'price' (excluding Project Costs)						Net Value		$3,557,200
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	24075	M	DF, WH	81	168	16	243	61%	397
1	24084	M		22	187	6	41	15%	2
1	24107	M	RA, DF	81	115	18	199	48%	1
1	24498	M	DF, WH	85	134	17	222	55%	12

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 have no record of pre-commercial or commercial thinning.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
1	24075	20	432	Y		
1	24084	0	1867			
1	24107	7	61			
1	24498	19	250			

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)

   Notes: Seasonal and daily timing restrictions apply from March 1-September 30.
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	24075	UDS	LYR	397	397
1	24084	CSC	LYR	2	2
1	24107	UDS	LYR	1	1
1	24498	UDS	OFS	12	12

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	PC	DF, WH, RA	DF, WH, RA, BM	60-120	110-180	30-35

- **Prescription Considerations:**
  - Unit 1 is a mature partial cut within a Habitat Conservation Area intended to promote later seral habitat development. The goal of partial cutting within this stand is to perform a moderate partial cut that will help maintain existing complex structure and promote further structure development. This will allow for understory development and improve the layering of structures within the stand. Prescriptions may incorporate a mix of gap openings, skipped leave patches, and partial cut areas. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present. Preserving existing snags will be part of the prescription for this sale.. Residual tree selection will emphasize retaining trees with good form and vigor with the largest diameter and height. Prescriptions will vary on the smaller to medium size classes to maintain existing structure. Layout foresters will work with the ODF Biologist to determine potential prescription strategies for Unit 1. Road design in

the eastern portion of Unit 1 has not been finalized.. Once roadwork design has been completed, the sale boundary will be modified to align with the new road.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	None		

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

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	80	20	>65	Verified	All Weather

1. Haul Route:
   - Soak Alley Road and Buster Creek 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.
   - Buster Creek Mainline and Soak Alley Road will be maintained with a lift of surfacing rock.
   - Alice's Restaurant Road is being maintained with another timber sale and will be available for use.
3. Are easements required for the haul route? ☒☐ No ☐ Yes

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	3.5	0
Improve, Rock, and/or Maintain	0.9	0	1.9	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)

- New road will be constructed from Alice's Restaurant to Soak Alley Road to support land management activities, access future harvest units, and facilitate future vacating of portions of Soak Alley Road and associated stream crossings.
- Several options exist for the junctions with both Alice's Restaurant and Soak Alley Roads. These will be evaluated during sale layout and the preferred options will be constructed.
- Potions of the new construction will be built to access future harvest units. Construction will end at operational and terrain control points and be extended in the future.

4. Rock Sources for this operation:
   - Base rock will be crushed at the Flat Iron Quarry, surfacing rock will be crushed at the Sterling Ridge Quarry. This will include crushing additional rock to be stockpiled at the Flat Iron and Sterling Ridge Quarries for maintenance needs.
5. Are property line surveys required for this operation? ☐ No ☒ Yes
   - The property boundary to the south of Unit 1 will need to be located during sale layout. If it cannot be located the line will need to be held back from this area a sufficient distance to ensure that the sale is posted on our ownership or surveyed to mark the lines.
6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes
   - New road construction within an HCA 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.
   - Road construction for this sale is planned within the HCA to allow for access to the ridgetop for thinning operations, for future harvest units and land management activities.
   - Construction of the road will allow a portion of Soak Alley Road, including a Type F crossing and several other stream crossings to be vacated in the future.

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	N	Y

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout 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:

IX. HISTORIC AND CULTURAL RESOURCES:

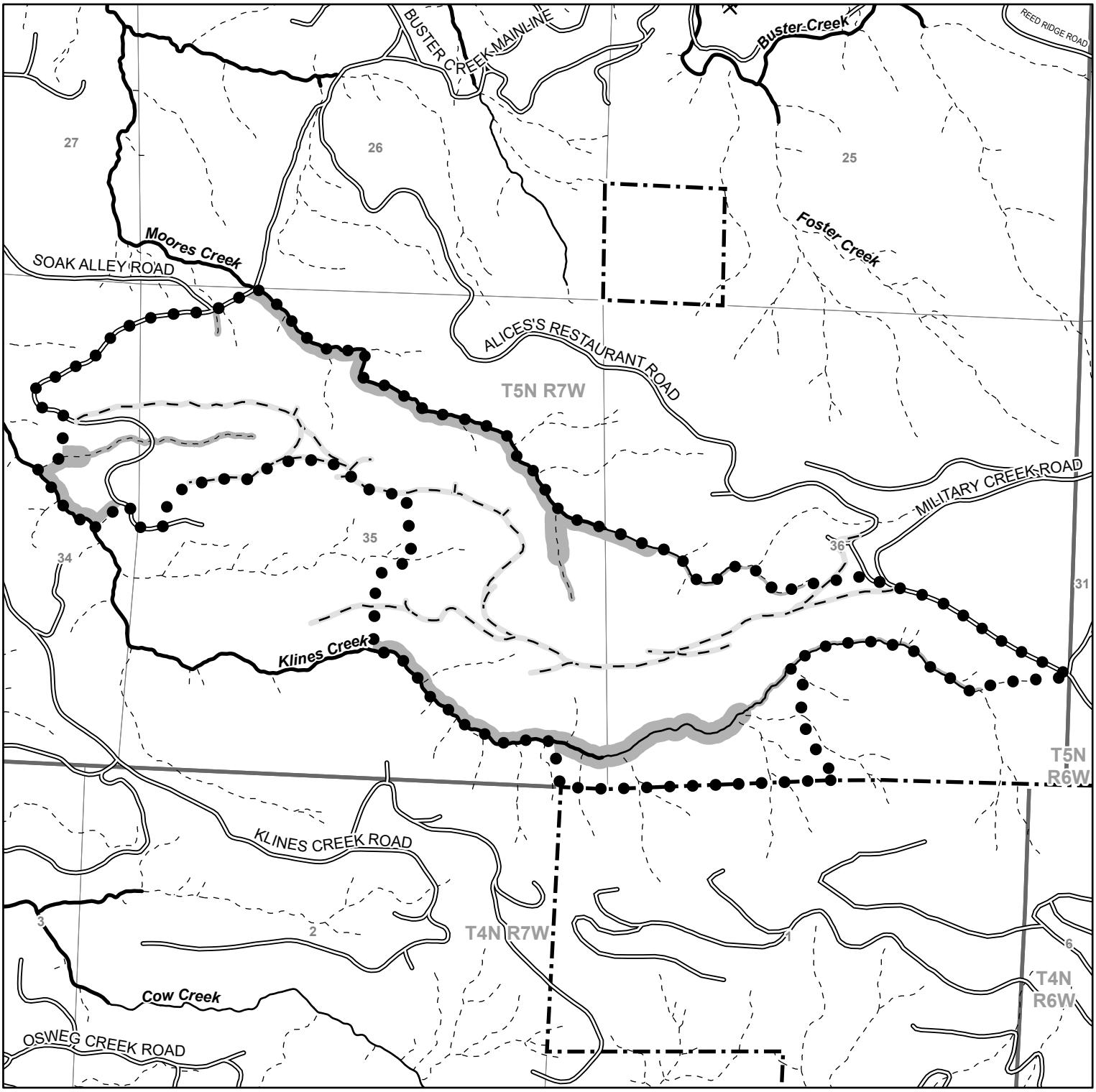
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒Yes

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:
   - **Adjacent Landowners (shared property lines):**
     - Private Industrial:
       - District staff will work with adjacent landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.
   - **Research Plots:**
     - There is a retired research plot within the sale. No protection is needed.



FY 2027 - Astoria District
Looking Glass
Portions of Sections 34, 35 & 36, T5N, R7W,
Portions of Section 31, T5N, R6W, W.M.
Clatsop County

413 Acres (PC)

Legend

- Sale Boundary
- No Harvest Area
- Quarry
- New Road Construction
- Surfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

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.

1:18,000

1,000 500 0 1,000 Feet

N