

Pre-Operations Report

Operation Name: ODR
County (%): Clatsop (100%)
Elevation: 49 – 410 ft
Legal Description: T8N R9W, Section(s) 14, 15, 16, 21, 22

Tax Code(s): 1-02, 1-04, 1-01, 1-02
BOF%: 100% **CSL%:** 0%
Sale Quarter: 1

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, WH-M	140	92	27.0	2,300	\$400	\$993,600
2	CC	DF-M, WH-M	28	15	35.0	525	\$400	\$210,000
3	CC	DF-M, WH-M	68	47	35.0	1,645	\$400	\$658,000
Total		Regeneration	236	154		4,654		
		Partial Cut						
						Gross Value		\$1,861,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$182,800
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$1,678,800
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 ¹	Species	Age	TPA	DBH	BA	SDI	Net Acres ²
1	24806	M	DF,WH	67	185	15	212	56%	3
1	24807	M	WH,DF	67	121	17	201	49%	89
2	23055	M	DF,WH	62	158	16	210	54%	15
3	23047	M	DF,WH	57	79	21	181	42%	6
3	24796	M	WH,DF	62	157	17	256	63%	42

1. Identify the source of stand inventory information. Use the following codes: M = Measure SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).
2. Net Acres have been rounded to the nearest whole acre in this table. Stands that comprise less than one acre of a harvest unit are not reported in this table. Total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

Table 3. Additional Stand Information

	Stand	Snags/	Down Wood/	Forest Health		
Unit	ID	Acre ¹	Acre ²	SNC	Phellinus	other ³
1	24806	5	55			
1	24807	4	102			
2	23055	7	185			
3	23047	13	94			
3	24796	8	303			

1. Identify the number of hard snags per acre (decay classes 1 and 2).
2. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
3. Describe "Other" forest health issues

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 your 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: Surveys were conducted in 2022 and 2023.
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 is a potential historic bald eagle nest tree OR0056 (Tree #111) within ¼ mile of Unit 3 that is associated with Mill Creek. There are also bald eagle winter roosting sites at the mouth of Mill Creek, the John Day River, and South Channel. There may be adults and subadults perched in the area from January through April. The roosting area encompasses a minor portion of Unit 3. There are also ORBIC records of Flowering Quillwort, Northern Red-legged Frogs, and Warty Jumping-slugs in the vicinity of these sale units. Contact Wildlife Biologist assigned to District during sale layout.

¹ Oregon Biodiversity Information Center
Astoria District
Approved – June 2024

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ¹
1	24806	LYR	GEN	No	3
1	24807	LYR	GEN	No	89
2	23055	LYR	GEN	No	15
3	23047	UDS	GEN	No	6
3	24796	LYR	GEN	No	42

1. Net Acres have been rounded to the nearest whole acre in this table. Stands that comprise less than one acre of a harvest unit are not reported in this table. Total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

Table 5. Partial Cut Prescription (Complete only for Partial Cut Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	CC					
2	CC					
3	CC					

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	40	60	35-65	Established	All Weather
2	40	60	35-65	Simple	All Weather
3	20	80	<35	Established	All Weather

- Haul Route (list roads to be used for this operation):
 - Scandinavian Cannery Road, Pipeline Road, and Williamsport Road
- Haul Route Condition (Describe specific considerations for this route, such as: seasonal restrictions, load restrictions, surface condition, truck turn arounds, recreation sites, etc.):
 - A road maintenance 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.
 - A portion of an existing BPA road North of the Area 1 Boundary will be vacated. This includes vacating a large stream crossing. An existing dirt spur in Area 2 will be re-opened and used seasonally. It will be vacated upon completion of use including vacating an existing stream crossing.
- Are easements required for the haul route? ☒ Yes ☐ No

- Williamsport Road. Easement (#311.04091), dated April 12, 1960, between State of Oregon, Board of Forestry and Robert William Gaston, Helen C. Gaston, Pirl P. Gaston, and Mary E. Gaston. Current landowner: North Coast Land Conservancy.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.1	0.6
Improve, Rock, and/or Maintain	0	2.6	2.9	0
Block (Dormant)	0	0	0	0.3
Vacate	0	0	0.2	0.3
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)

4. Rock Sources for this operation:

- Hunt Creek or Big Noise Stockpiles. Pit-run is available at the Hunt Creek Quarry or Big Noise Quarry.

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

If “yes”, describe the lines to be surveyed, type of survey (i.e. section subdivision, refresh previously established line, etc.), miles of line to be surveyed, and how the survey will be accomplished (i.e. ODF staff, contractor).

- The SE boundary of Unit 3 is along private ownership. The line has been located and blazes are recognizable.

VI. AQUATIC RESOURCES:

1. Operating within the Inner Zone of a Type F stream? ☒ No ☐ Yes, describe the goal and prescription within this zone:

2. Do any streams need fish presence surveys? ☐ No ☒ Yes

- Several small streams in all Units require surveys. These streams were contracted out to be surveyed in the spring of 2023. The data is still being compiled as of AOP approval but will be utilized during sale layout.
- Buffers shown on the map indicate where it is believed perennial streams are located. Field verification and stream surveys will be used to verify final locations. The stream layer in this location does not match the buffers and this will be rectified during sale layout to what is on the ground.

3. Are there H.E.R./P.D.F.T streams present? ☒ No ☐ Yes

4. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:

5. Are any streams classified as Domestic Water Use (FPA definition)? ☒ No ☐ Yes, describe protection measures:

- Due to vicinity to neighboring communities any domestic water use locations found should be recorded and reported and the District will efforts will be made to contact the users as appropriate.

- There is a domestic system to the west of Unit 1. No streams are identified within the unit that drain in that direction and it will not be impacted by operations.

6. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Additional Harvest Review Needed?	Public Safety Review Complete?	Additional Comment
1	N	Y	
2	N	Y	
3	N	Y	

Geotech Review: Prior to posting boundaries sale layout forester need to review Geotech recommendations within the Geotech review layers.

VIII. RECREATION RESOURCES:

Recreation issues/coordination: ☒ No ☐ Yes, please describe:

- Due to adjacency to Astoria and neighboring communities there may be hiking and mountain biking use in the area. This might include user made trails which may need to be vacated if resource impacts or drainage issues are discovered. No designated trails are located within the timber sale boundaries.

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:

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:

Transmission Lines: There are transmission lines located north of Unit 1 and south of Unit 2. No operations should be planned under the power lines or in the corridor.

Invasive Species: Scotch broom and Japanese knotweed are present along the haul route and several other roads in the vicinity of this operation.

Road Grade: There is an old road grade that may be needed for logging access in the northwest portion of Unit 2. The grade is overgrown and has a fill with an old culvert that will need to be replaced or

vacated with this sale. This is located on the planned road. If during sale layout this road is not built this culvert should be pulled.



Legend

- • Sale Boundary
- Gate
- Railroad
- Transmission Line
- Paved Road
- Surfaced Road
- Unsurfaced Road
- - - New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- Unknown Stream
- Ownership Boundary
- No Harvest Area

FY 2025 - Astoria District ODR Portions of Sections 14, 15, 16, 21, & 22, T8N, R9W, W.M. Clatsop County

State Forest Division
07/01/2024

This product is for informational use and may not be
suitable for legal, engineering, or surveying purposes.

Unit 1 92 Acres (MC)
Unit 2 15 Acres (MC)
Unit 3 47 Acres (MC)
Total 154 Acres

1:24,000
2,500 1,250 0 2,500 Feet

