

Pre-Operations Report

Operation Name: Thin to Win

County (%): Columbia (100%)

Elevation: 775 - 1,690 ft

Legal Description: T5N R3W, Sections 2, 4, 9, 20, 21, 23; T6N, R3W, Sections 34, 35

Tax Code(s): n/a

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
1	PC	DF-S, RA-S	124	94	7.0	658	\$400	\$263,200
2	PC	DF-S, RA-S	52	48	7.0	336	\$400	\$134,400
3	PC	DF-S, RA-S	72	67	7.0	469	\$400	\$187,600
4	PC	DF-S, WH-S	62	57	7.0	399	\$400	\$159,600
5	PC	DF-S, RA-S	39	39	7.0	273	\$400	\$109,200
6	PC	DF-S, RA-S	77	71	7.0	497	\$400	\$198,800
Total		Regeneration				2,632		
		Partial Cut	427	375				
						Gross Value		\$1,052,800
a. Estimated harvest volume per acre for Unit.						Project Costs		\$21,460
b. Estimated 'price' (excluding Project Costs)						Net Value		\$1,031,340
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	7038	M	DF, RA	49	250	13	224	62%	94
2	7003	M	DF, RA	43	214	12	171	48%	46
2	8425	M	DF, RA	43	172	14	179	48%	1
3	7027	M	RA, DF	53	170	13	159	44%	4
3	7033	M	DF, WH	41	170	14	187	50%	62
4	7077	I = 7091	DF, RC	79	76	22	195	44%	2
4	7090	I = 7092	DF, WH	43	348	11	223	66%	14
4	7092	M	DF, WH	43	348	11	223	66%	41
5	7087	M	DF, RA	39	159	14	168	45%	39
6	7096	M	DF, RA	38	204	11	123	37%	71

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.

- The stand boundary for 7077 is drawn incorrectly. Unit 4 does not include any 79 year-old trees. Stand 7077 should be included with stand 7092 and is shown as such in the remainder of this document.
- These stands were planted but 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	7038	0	632			
2	7003	0	90			
2	8425	1	707			
3	7027	0	26			
3	7033	0	737			
4	7090	0	570			
4	7092	0	570			
5	7087	0	603			
6	7096	0	2327			

- 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.

- 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
- Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

- 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 being conducted in 2024 and 2025 for Unit 3 and Unit 5. Surveys have not been conducted for Unit 1 by leaving a 100-meter buffer along the northern boundary of the Unit. Portions of the sale within 100 meters have been identified as either No Harvest – Riparian or No Harvest – Other.

- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹])?
☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	Inside of HCA	Net Acres ^a
1	7038	UDS	Gen	No	94
2	7003	UDS	Gen	No	46
2	8425	UDS	Gen	No	1
3	7027	UDS	Gen	No	4
3	7033	UDS	Gen	No	62
4	7090	UDS	Gen	No	14
4	7092	UDS	Gen	No	43
5	7087	UDS	Gen	No	39
6	7096	UDS	Gen	No	71

- 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. Partial Cut & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	PC	DF, RA	DF	106	130	34
2	PC	DF, RA	DF	122	130	35
3	PC	DF, WH, RA	DF, WH	106	130	34
4	PC	DF, WH, RC	DF, WH, RC	141	130	36
5	PC	DF, RA	DF	93	130	33
6	PC	DF, RA	DF	141	130	36

- **Prescription Considerations:**
 - These are first entry thinnings which will improve the growing conditions for these stands, capturing anticipated mortality while maintaining a pathway of high productivity within the residual stand. Residual tree selection will emphasize preserving the trees of good form and vigor with the largest diameter and height. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	20	80	<35	Simple	Combo
2	0	100	<35	Simple	All Weather
3	0	100	<35	Established	All Weather
4	40	60	35-65	Simple	Dry Weather Only
5	20	80	<35	Simple	All Weather
6	0	100	<35	Simple	All Weather

1. Haul Route:

- Units 1 & 5 – Karth Road to Apiary Road

- Units 2 & 3 – Little Clatskanie Mainline to Apiary Road
 - Unit 4 – Beaverhome Road to Rudy Pit Road to Karth Road to Apiary Road
 - Unit 6 – Old Pittsburg Road to Karth Road to Apiary Road
 - Units 2, 3 & 5 are behind locked gates
 - This haul route includes a portion of Little Clatskanie Road, Beaverhome Road, and Rudy Pit Road which has been determined to be a sensitive road location subject to wet weather haul shutdowns at 0.5” or greater in a 24-hour period.
2. Haul Route Condition:
- All needed road improvements will be completed with FY26 Big Leaves timber sale
3. Are easements required for the haul route? ☐ No ☒ Yes
- A License Agreement from Weyerhaeuser is needed and will include road maintenance fees.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0
Improve, Rock, and/or Maintain	0	0	0	0
Vacate	0	0	3.3	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)

- The new construction roads, shown on the Exhibit A map, are needed for this sale. The new road construction, totaling 2.1 miles, and 12.7 miles of road improvement will be completed prior to the sale with FY26 Big Leaves sale to save on move-in costs.
 - Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.
4. Rock Sources for this operation:
- Commercial Rock Source
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCA's? ☒ 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:
 - Unit 6: There is one water intake within the Unit and one water intake approximately 1,650 feet below the Unit on a small perennial Type N stream. The 35-foot No Harvest Buffer within the Unit exceeds the FPA buffer requirement on a Type D stream.
 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 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete	Additional Comment
1	Yes	Yes	-
2	Yes	Yes	-
3	Yes	Yes	-
4	Yes	Yes	-
5	Yes	Yes	-
6	Yes	Yes	-

Geotech Review: Geotechnical reviews have been completed and slope protections have been incorporated into No Harvest buffers shown on the maps. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

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:

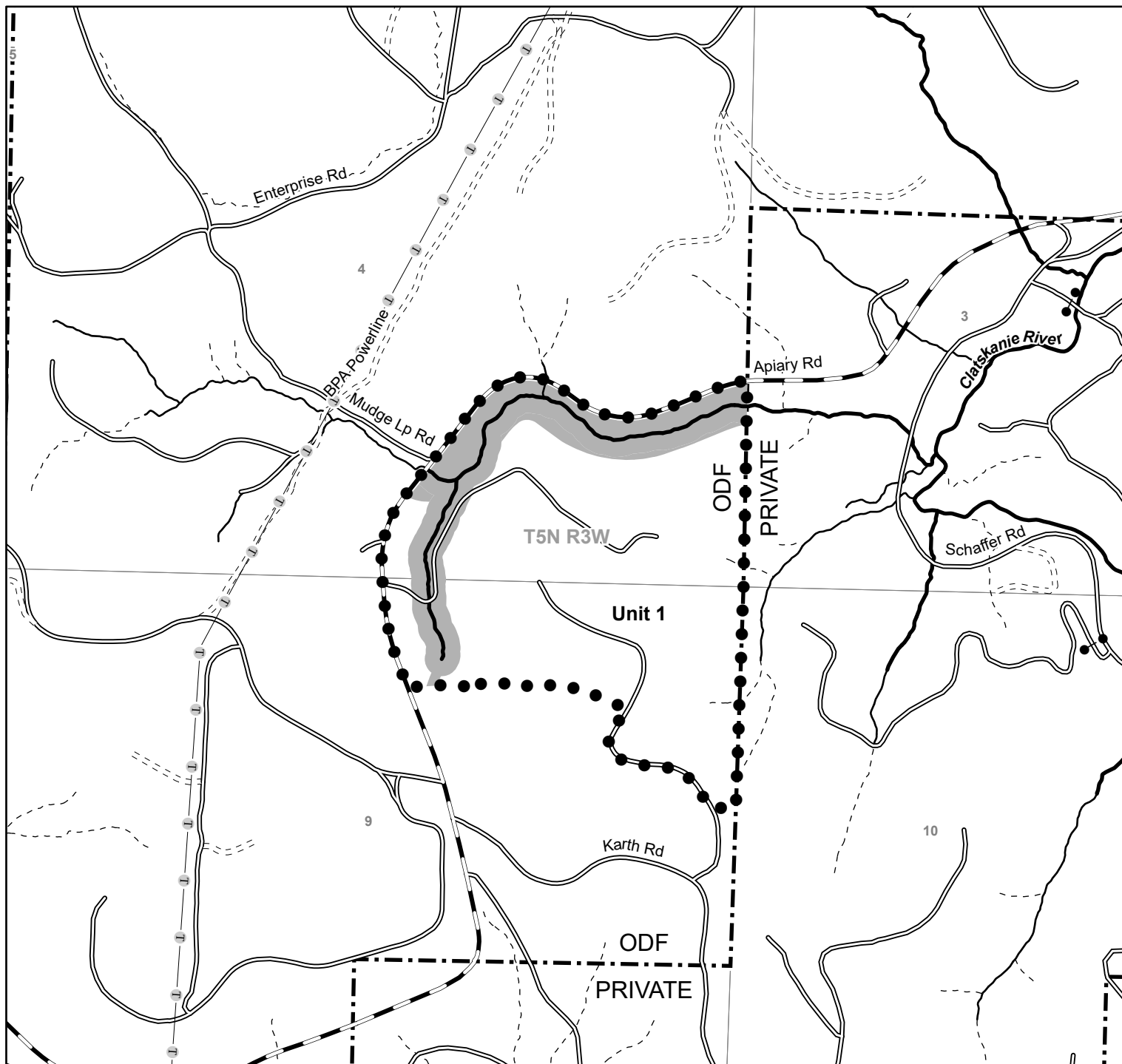
1. Are there scenic resources in the vicinity of this operation that need additional consideration?
☒ No ☐ Yes, please describe:

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:

- **Powerline:** Existing powerlines are present within Unit 4. Logging systems should be designed to avoid this hazard. Power companies will need to be coordinated with during sale layout and during active operations.
- **Adjacent Landowners (shared property lines):**
 - Private Landowner, Private Industrial:
 - District staff will work with adjacent private landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.
- **Flaggers:** When operations are active adjacent to Apiary Road within Unit 1 flaggers will be required.



Legend

- ● Sale Boundary
- No Harvest Area
- Gates
- Transmission Lines
- Paved Roads
- Surfaced Roads
- - - - Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- - - - Seasonal Streams
- - - - Ownership Boundary

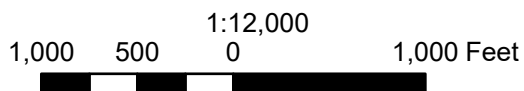
FY 2026 - Forest Grove District Thin to Win Portions of Sections 34 & 35, T6N, R3W, Portions of Sections 2, 4, 9, 20, 21, & 23, T5N, R3W, W.M. Columbia County

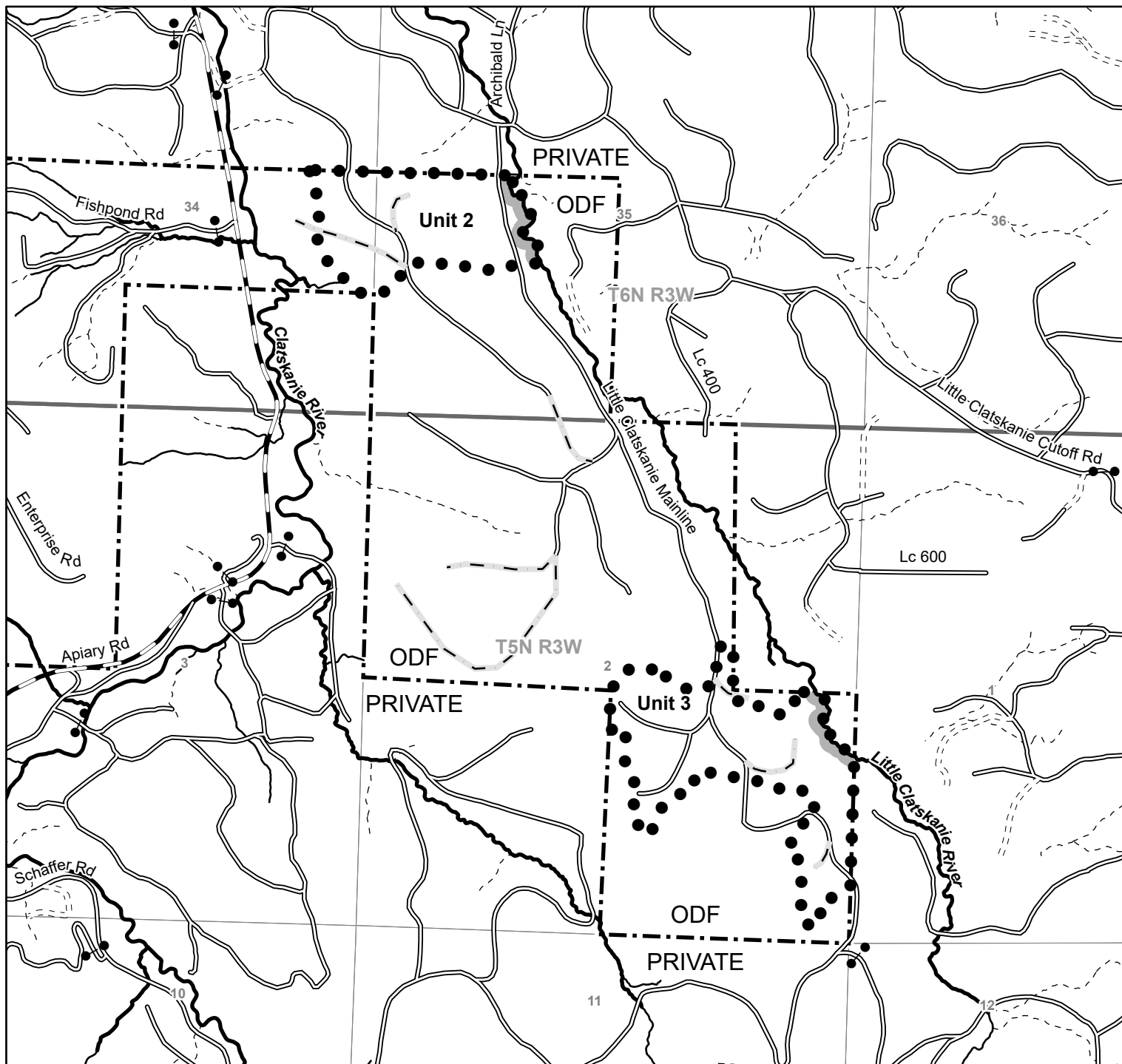
State Forest Division
02/07/2025

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.

Unit 1 94 acres (PC)
Unit 2 48 acres (PC)
Unit 3 67 acres (PC)
Unit 4 57 acres (PC)
Unit 5 39 acres (PC)
Unit 6 71 acres (PC)

Total 375 Acres





Legend

- ● Sale Boundary
- No Harvest Area
- Gates
- New Road Construction
- Paved Roads
- Surfaced Roads
- - - - Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- - - - Seasonal Streams
- - - - Ownership Boundary

FY 2026 - Forest Grove District Thin to Win Portions of Sections 34 & 35, T6N, R3W, Portions of Sections 2, 4, 9, 20, 21, & 23, T5N, R3W, W.M. Columbia County

State Forest Division
02/07/2025

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.

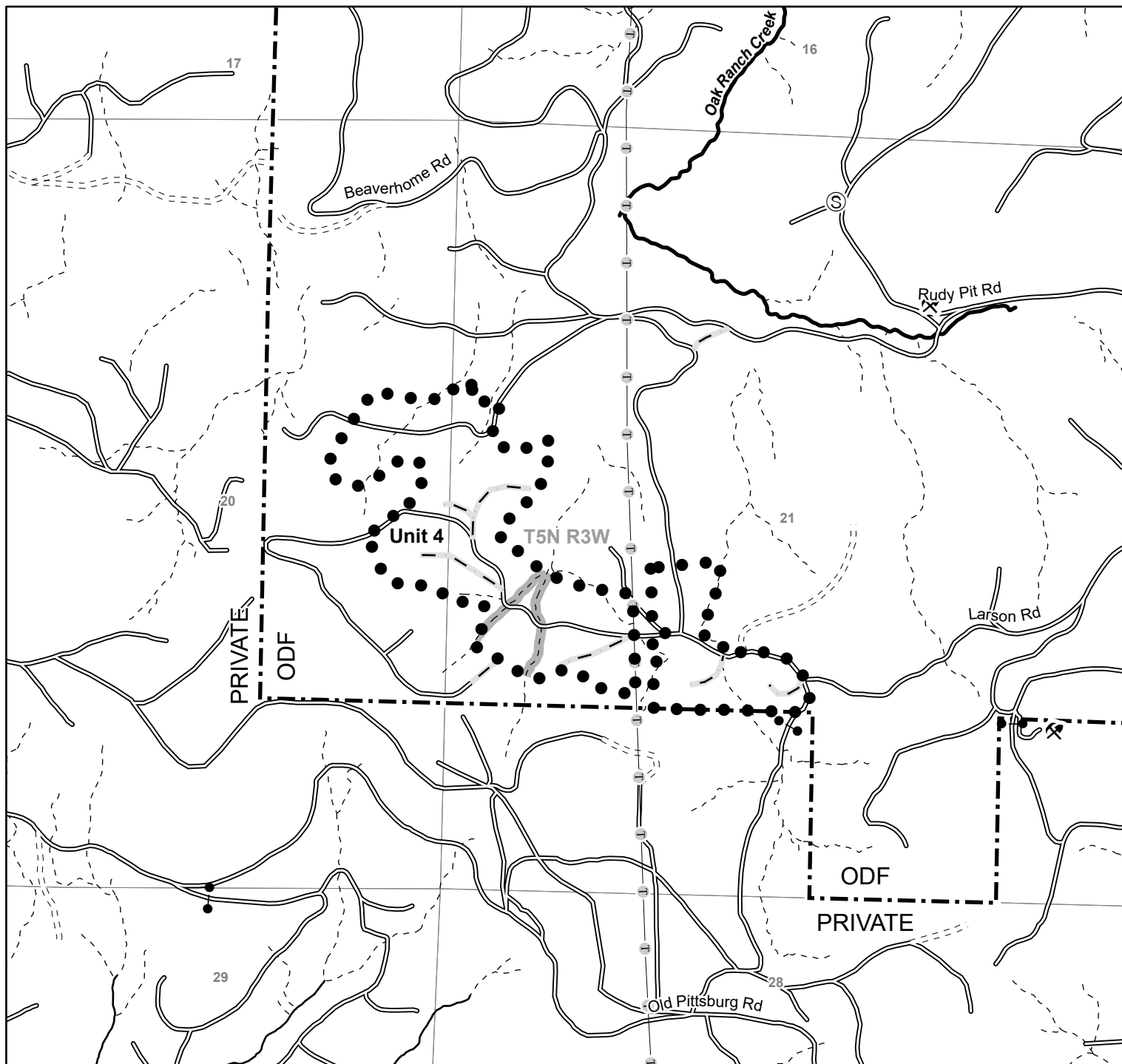
Unit 1 94 acres (PC)
Unit 2 48 acres (PC)
Unit 3 67 acres (PC)
Unit 4 57 acres (PC)
Unit 5 39 acres (PC)
Unit 6 71 acres (PC)

Total 375 Acres

1:18,000

1,000 500 0 1,000 Feet





Legend

- ● Sale Boundary
- No Harvest Area
- Gates
- ⛏ Quarry
- Ⓢ Stockpiles
- Transmission Lines
- New Road Construction
- Surfaced Roads
- - - - Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- - - - Seasonal Streams
- Ownership Boundary

FY 2026 - Forest Grove District Thin to Win Portions of Sections 34 & 35, T6N, R3W, Portions of Sections 2, 4, 9, 20, 21, & 23, T5N, R3W, W.M. Columbia County

State Forest Division
02/07/2025

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.

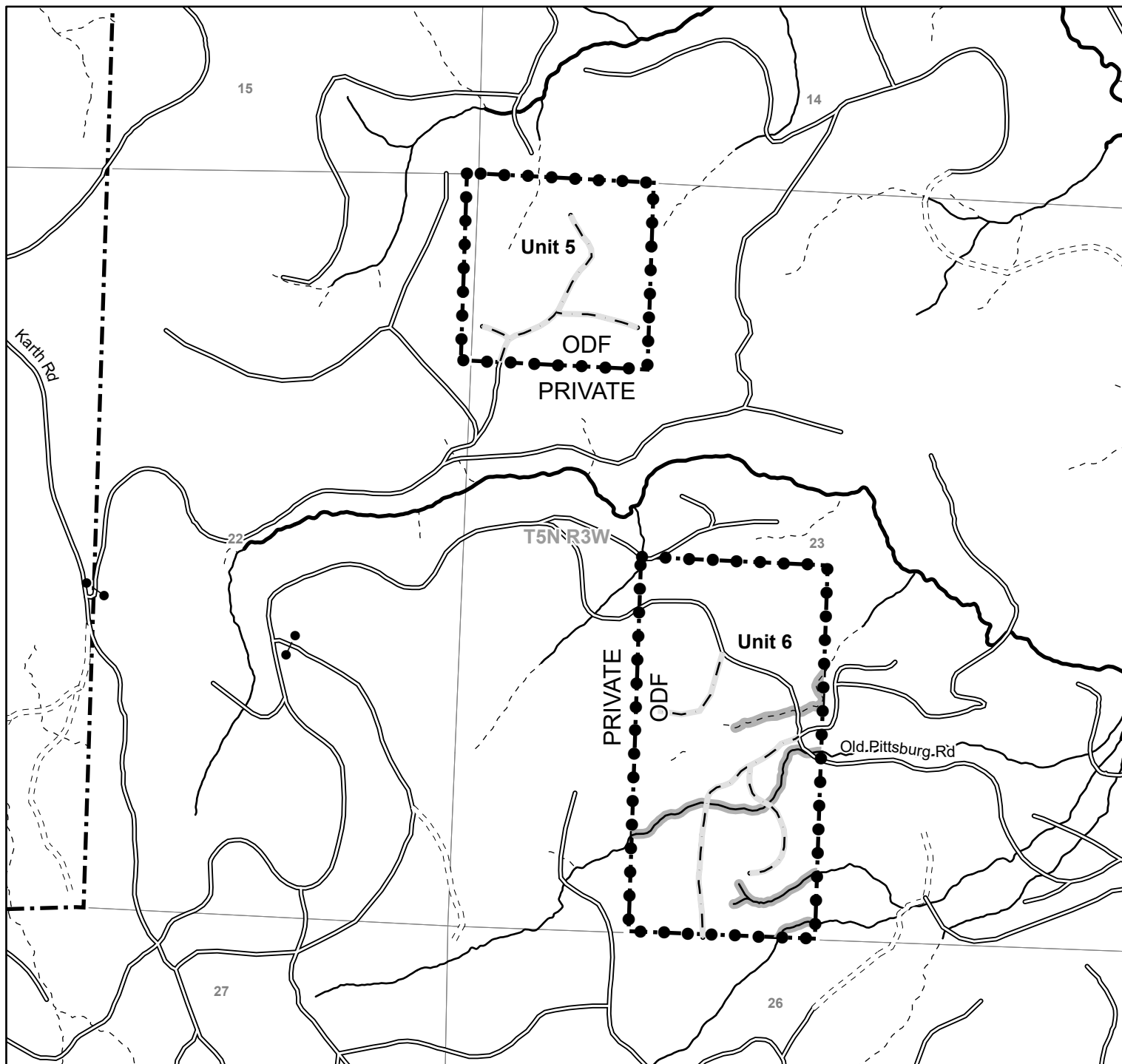
Unit 1 94 acres (PC)
Unit 2 48 acres (PC)
Unit 3 67 acres (PC)
Unit 4 57 acres (PC)
Unit 5 39 acres (PC)
Unit 6 71 acres (PC)

Total 375 Acres

1:12,000

1,000 500 0 1,000 Feet





Legend

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

FY 2026 - Forest Grove District
Thin to Win
Portions of Sections 34 & 35, T6N, R3W,
Portions of Sections 2, 4, 9, 20, 21, & 23, T5N, R3W, W.M.
Columbia County

State Forest Division
02/07/2025

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.

Unit 1	94 acres (PC)
Unit 2	48 acres (PC)
Unit 3	67 acres (PC)
Unit 4	57 acres (PC)
Unit 5	39 acres (PC)
Unit 6	71 acres (PC)

Total 375 Acres

