

Pre-Operations Report

Operation Name: Scatter Shield

County (%): Tillamook (100%)

Elevation: 1,969 - 2,806 ft

Legal Description: T3N, R6W, Sections 3, 4, 5, 8, 9, 18

Tax Code(s): 5601

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	PC	DF-S, WH-S	55	52	8.0	416	\$355	\$147,680
2	PC	DF-S, WH-S	32	31	8.0	248	\$355	\$88,040
3	PC	DF-S, WH-S	150	140	8.0	1,120	\$355	\$397,600
4	PC	DF-S, WH-S	18	17	8.0	136	\$355	\$48,280
Total		Regeneration				1,920		
		Partial Cut	255	240				
						Gross Value		\$681,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$99,000
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$582,600
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	8477	M	DF, WH	41	218	13	190	53%	51
2	7291	M	DF, WH	82	117	19	232	55%	2
2	7299	M	DF, WH	52	333	11	208	62%	29
3	7279	M	WH, DF	48	314	11	213	62%	86
3	7281	M	WH, DF	40	263	11	175	52%	32
3	7283	I = 7284	DF, NF	27	562	8	214	70%	8
3	7286	I = 7276	DF, WH	82	186	15	233	60%	12
4	7314	I = 7315	DF, WH	41	249	11	173	50%	16

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 7291 is drawn incorrectly. Unit 2 does not include any 82 year-old trees. Stand 7291 should be included with stand 7299 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	8477	4	2267			
2	7299	1	476			
3	7279	2	634			
3	7281	0	406			
3	7283	0	617			
3	7286	3	100			
4	7314	54	17			

- 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 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 the District for the BSTF.)

- 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 acres of Unit 1 is within the Wolf Creek Terrestrial Anchor. The prescription will be designed collaboratively with biologists to meet the TAS objectives.
- 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 (completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)
Notes: Surveys completed in 2022 and 2023.
- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?
☒ No ☐ Yes, please describe:

¹ Oregon Biodiversity Information Center
Forest Grove 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 ^a
1	8477	UDS	GEN	Yes	51
2	7299	CSC	LYR	Yes	31
3	7279	CSC	LYR	Yes	86
3	7281	CSC	GEN	Yes	32
3	7283	CSC	GEN	Yes	8
3	7286	LYR	LYR	Yes	12
4	7314	UDS	GEN	Yes	16

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.

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, WH	DF, WH	122	130	35
2	PC	DF, WH	DF, WH	141	130	36
3	PC	DF, WH	DF, WH	153	120	35
4	PC	DF, WH	DF, WH	153	120	35

- All units are planned healthy conifer first entry thinnings within the Habitat Conservation Areas. The intent of thinning within these areas is to promote habitat by thinning out the dense structure allowing more light to reach the forest floor. This will help maintain growth and enhance limb and crown structure of the dominant cohort and foster natural recruitment of minor tree and understory species. It will also improve trajectories for understory development, compositional diversity, and canopy layering ultimately aiding in the development of higher quality suitable habitat and mature forest connectivity. Prescriptions may incorporate a mix of gap-cuts, areas of untreated stands, and variable density thinning prescriptions. 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. District staff will work with the ODF Biologist to further refine prescription strategies for these areas during sale layouts.

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	Dry Weather Only
2	20	80	<35	Simple	Dry Weather Only
3	60	40	35-65	Simple	Dry Weather Only
4	0	100	<35	Simple	Dry Weather Only

1. Haul Route:
 - Unit 1 – Section 10 Road to Salmonberry Road to Highway 26
 - Units 2 & 3 – Rock Creek Ridge Road to Salmonberry Road to Highway 26
 - Unit 4 – North Fork Salmonberry Road to Salmonberry Road to Highway 26
2. Haul Route Condition: The haul route is a maintained gravel road. Road maintenance or improvement needs will be further assessed during sale layout.
3. Are easements required for the haul route? ☐ Yes ☒ No

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0.64
Improve, Rock, and/or Maintain	0	6.33	4.72	0
Block (Dormant)	0	0	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	1R	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: Rock Creek Ridge
 5. Are property line surveys required for this operation? ☐ Yes ☒ No
 6. Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No
 - New road construction within 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.

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
 - Fish presence ☒ No ☐ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R./P.D.F.T: ☒ No ☐ Yes
2. Is a portion of the operation within an Aquatic Anchor? ☐ No ☒ Yes, name: Upper Rock Creek
 - No harvest stream buffers within the designated Aquatic Anchors will be extended out to 50 feet when harvesting near small perennial, debris flow-prone, and high-energy non-fish streams as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already

incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.

3. Are any Points of Diversion (Domestic Water) located downstream within 3,000 feet of Operations?

☒ No ☐ Yes, describe protection measures:

4. 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	N	Y	None
2	N	Y	None
3	N	Y	None
4	N	Y	None

- **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:

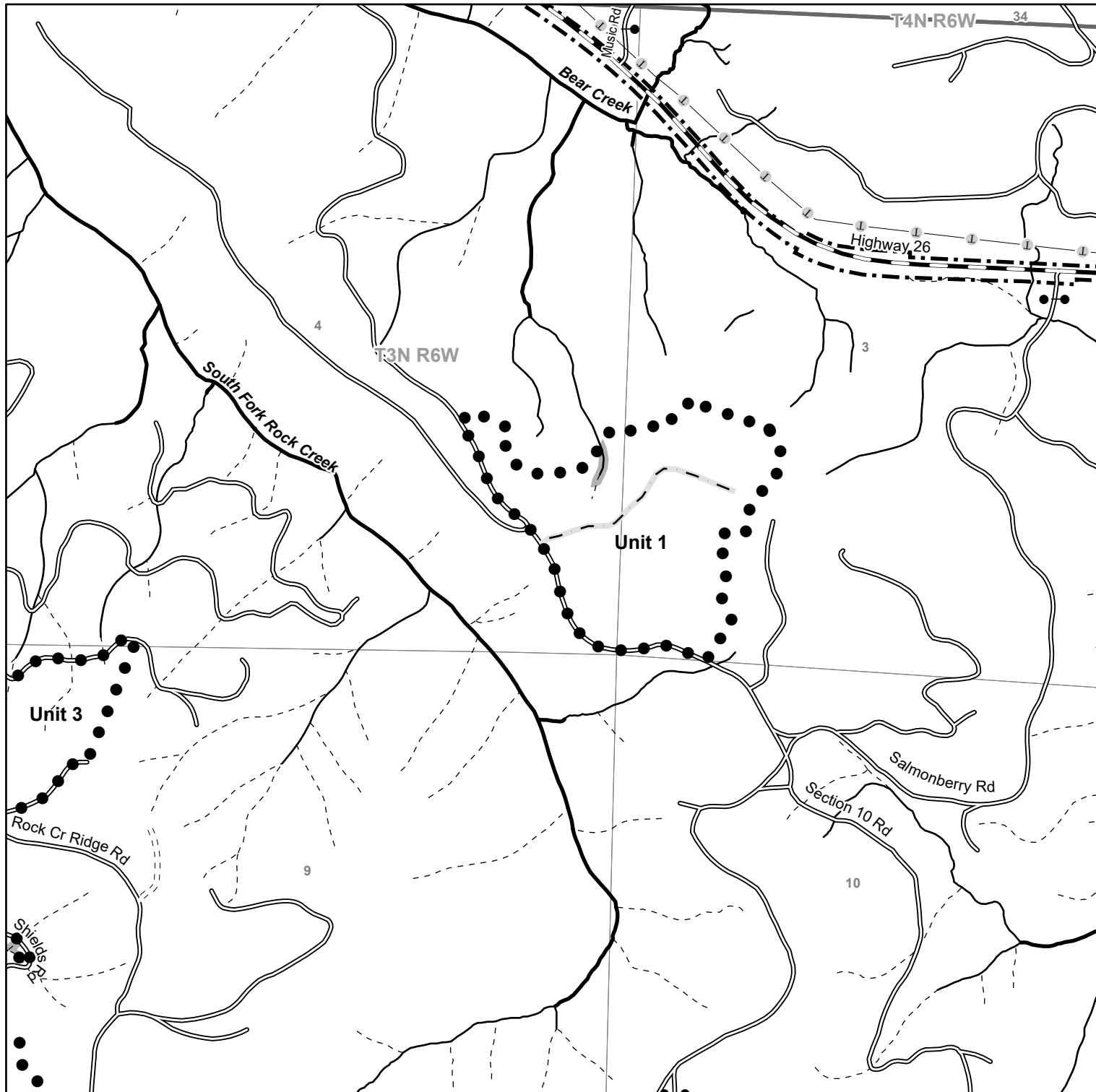
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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, describe below
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
 - Adjacent Landowner: Private Industrial



- Legend**
- ● Sale Boundary
 - No Harvest Area
 - Gates
 - Transmission Lines
 - Paved Roads
 - Surfaced Roads
 - - - Unsurfaced Roads
 - New Road Construction
 - Perennial Fish Stream
 - Perennial Nonfish Stream
 - - - Seasonal Stream
 - Ownership Boundary

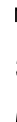
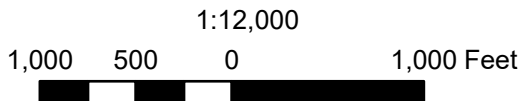
**FY 2025 - Forest Grove District
Scatter Shield
Portions of Sections 3, 4, 5, 8, 9, & 18, T3N, R6W, W.M.
Tillamook County**

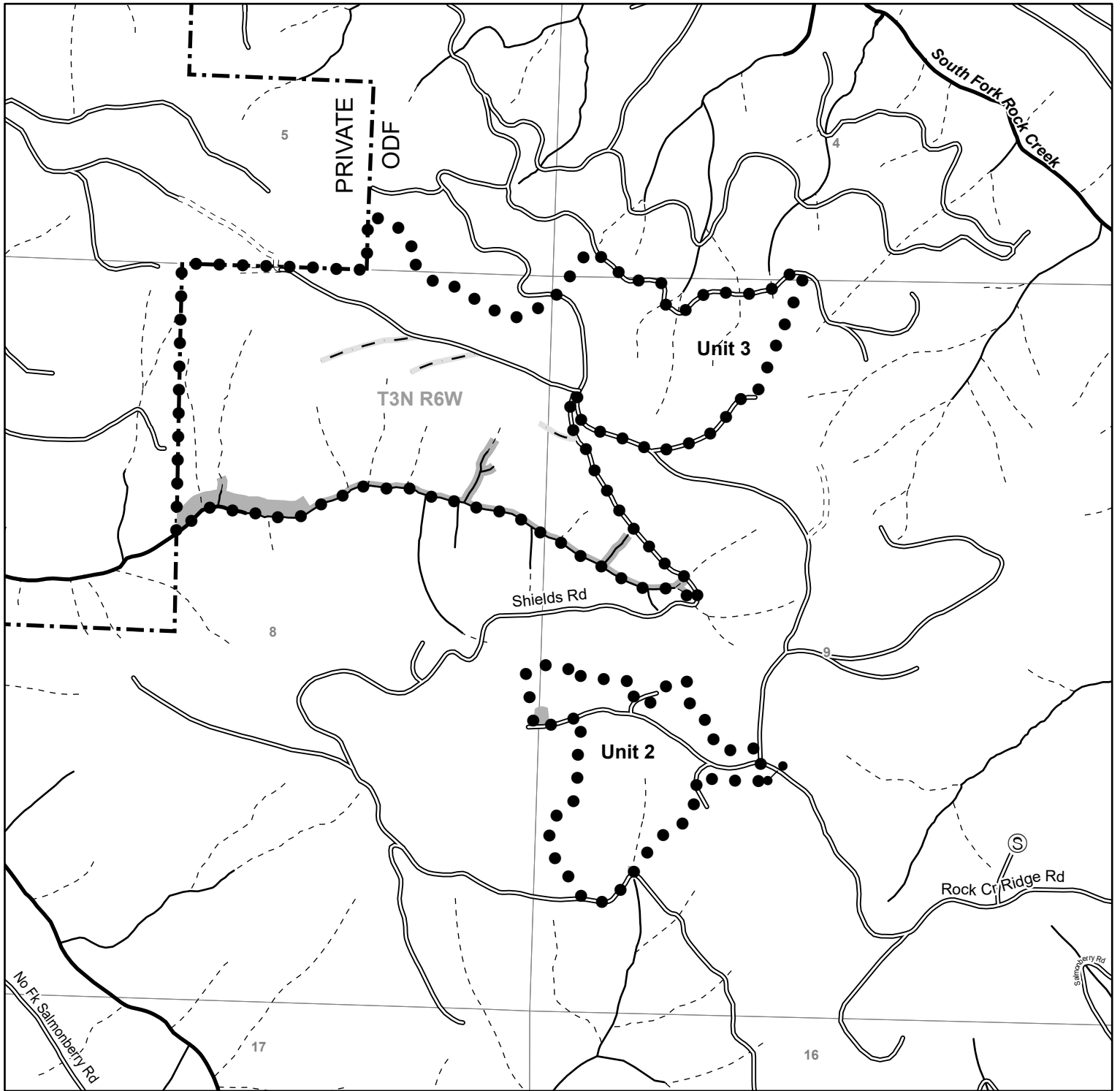
State Forest Division
02/15/2024

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Unit 1 52 Acres (PC)
Unit 2 31 Acres (PC)
Unit 3 140 Acres (PC)
Unit 4 17 Acres (PC)

Total 240 Acres





Legend

- ● Sale Boundary
- No Harvest Area
- ⊙ Stockpiles
- Gates
- Surfaced Roads
- - - - Unsurfaced Roads
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - Seasonal Stream
- - - - Ownership Boundary

FY 2025 - Forest Grove District Scatter Shield Portions of Sections 3, 4, 5, 8, 9, & 18, T3N, R6W, W.M. Tillamook County

State Forest Division
02/15/2024

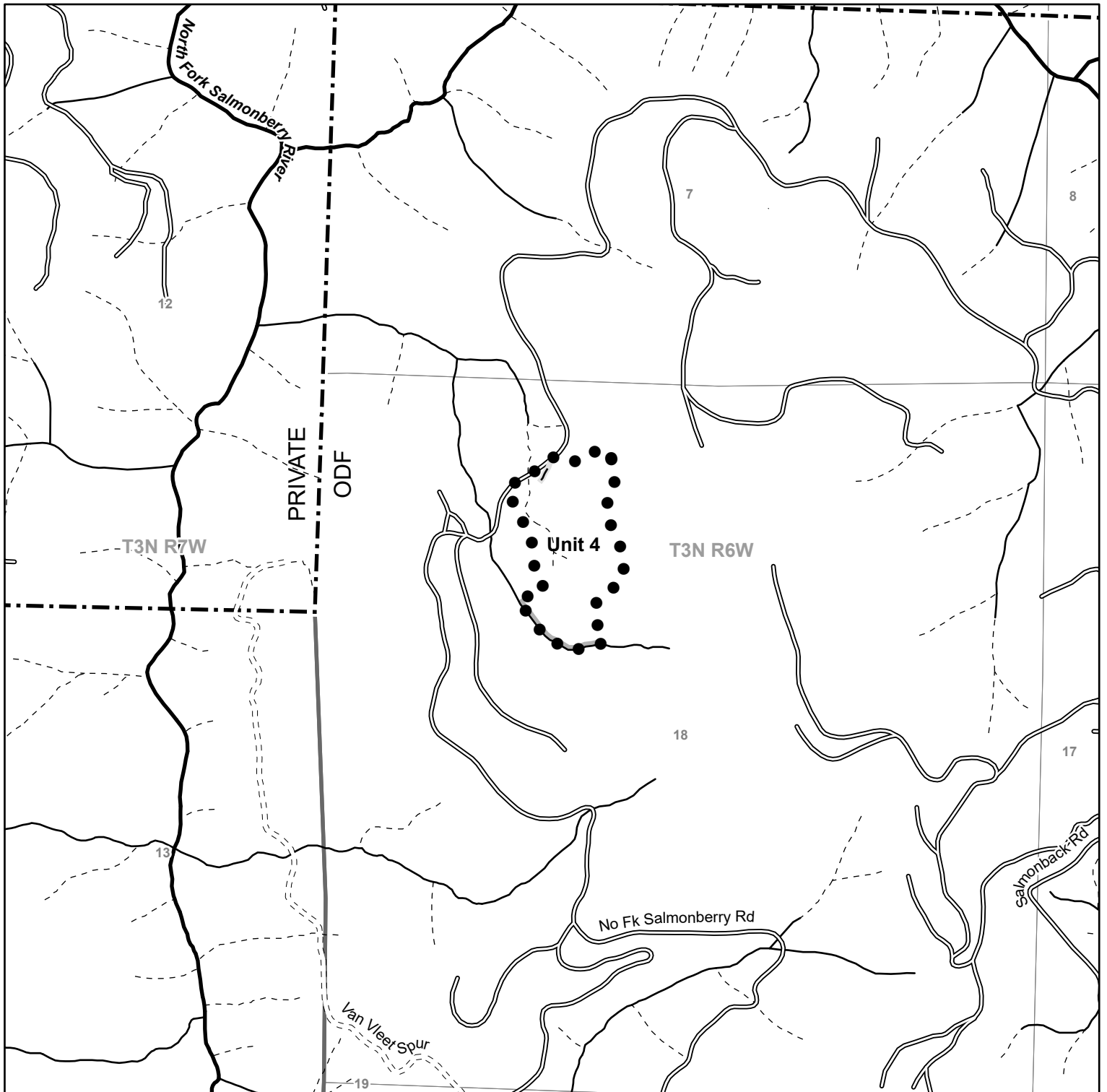
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1:12,000
1,000 500 0 1,000 Feet





- Legend**
- ● Sale Boundary
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 - Surfaced Roads
 - - - - Unsurfaced Roads
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