

Pre-Operations Report

Operation Name: Standard Grade South
County (%): Tillamook (99%) / Washington (1%)
Elevation: 1,274 - 3,001 ft
Legal Description: T2N R7W, Section(s) 7, 8, 17, 18; T2N R8W, Section(s) 12

Tax Code(s): 5600
BOF%: 100 **CSL%:** 0
Sale Quarter: 3

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
598	CC	DF-S, NF-M	134	116	23.0	2,622	\$300	\$786,600
602	CC	DF-M, RA-S	149	117	23.0	2,691	\$300	\$807,300
714	CC	DF-M, RA-M	126	113	23.0	2,599	\$300	\$779,700
Total		Regeneration	409	344		7,912		
		Partial Cut	0	0		0		
						Gross Value		\$2,373,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$300,000
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,073,600
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
598	34142	I = 38012	DF,RA	62	130	16	171	44%	9
598	34178	M	DF,RA	63	141	15	178	46%	13
598	34181	I = 31291	DF,RA	63	259	13	223	62%	20
598	34189	M	DF,NF	63	119	16	166	42%	71
602	34175	I = 37935	RA,DF	63	124	17	188	47%	7
602	34182	I = 34311	DF,RA	63	153	15	180	47%	29
602	34183	M	DF,RA	63	152	16	221	56%	22
602	34236	I = 37096	DF,RA	63	98	20	215	50%	38
602	34237	I = 32512	DF,WH	69	93	17	152	37%	21
714	34173	I = 34187	NF,DF	65	109	15	139	36%	19
714	34175	I = 37935	RA,DF	63	124	17	188	47%	7
714	34176	I = 34189	DF,NF	63	119	16	166	42%	15
714	34177	I = 30351	DF,RA	63	99	18	170	41%	17
714	34315	M	DF,RA	65	208	16	273	70%	55
714	38605	I = 99999	DF,RA	2	--	--	--	0%	1

- 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 portions of all three sale areas were commercially thinned in 2004.
- The stand boundary for 38605 is drawn incorrectly. Unit 714 does not include 2-year-old trees. The 1 acre shown in the table for stand 38605 should be included with stand 34176 and is shown as such in the remainder of this document.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
598	34142	9	48	Yes	--	--
598	34178	6	143	Yes	--	--
598	34181	6	887	Yes	--	--
598	34189	4	539	Yes	--	--
602	34175	14	59	Yes	--	--
602	34182	7	132	Yes	--	--
602	34183	21	1088	Yes	--	--
602	34236	23	252	Yes	--	--
602	34237	27	685	Yes	--	--
714	34173	5	88	Yes	--	--
714	34175	14	59	Yes	--	--
714	34176	4	539	Yes	--	--
714	34177	17	654	Yes	--	--
714	34315	14	210	Yes	--	--

- 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.)

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: Full operational survey coverage in 2022. Full Density coverage in 2023 and 2024.

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: Units 598 and 602 are being surveyed in 2023/2024. These surveys will expire on 04/01/2030.

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: ORBIC reports observations of purple martin (*Progne subis*) in the vicinity. For Purple Martin, leaving extra snags with a focus on grouping snags, and potential snag creation depending on what is available in the stand will support breeding habitat creation. Consult the ODF Wildlife Biologist assigned to the District for snag strategies prior to layout.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
598	34142	UDS	GEN	No	9
598	34178	UDS	GEN	No	13
598	34181	UDS	GEN	No	20
598	34189	UDS	GEN	No	71
602	34175	UDS	GEN	No	7
602	34182	UDS	GEN	No	29
602	34183	UDS	GEN	No	22
602	34236	UDS	GEN	No	38
602	34237	UDS	GEN	No	21
714	34173	UDS	GEN	No	19
714	34175	UDS	GEN	No	7
714	34176	UDS	GEN	No	15
714	34177	UDS	GEN	No	17
714	34315	UDS	GEN	No	55

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
All	CC	--	--	--	--	--

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
598	100	0	45	Simple	Combo
602	100	0	62	Simple	All Weather
714	100	0	58	Simple	All Weather

- Haul Route: 100 Road, Standard Grade, Gilmore, North Fork West Fork, West Fork, North Fork.
 - There are two locked gates on Gilmore Road.
- Haul Route Condition: 100 Road needs a lift of rock. All other roads need grading and spot patching. There might be seasonal restrictions on the West Fork.
- 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	1.48	0.66
Improve, Rock, and/or Maintain	10.63	9.14	1.22	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/new construction (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	3 (R)	4 (R)	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

- Rock Sources for this operation: Firebreak 8 Pit, Tin Shack Pit, and on-site rock.
- Are property line surveys required for this operation? ☒ Yes ☐ No
 - ODF staff to refresh property line on east side of Unit 602. The adjacent landowner did a clearcut approximately 3-4 years ago. The Section 17 portion of the east side of Unit 602 was posted by Leslie Keenan in 2001 per Tillamook County Survey B-2423. No record of the Section 8 portion of the east side of Unit 602 having been posted but is likely an unrecorded survey. The center 1/4 of Section 18 was established by Bob Cook in 2021 per Tillamook County Survey B4197.
- Is there planned new road construction planned within RCAs/HCA's? ☐ Yes ☒ No

VI. AQUATIC RESOURCES:

- 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

- Several unknown streams may exist within the sale. Buffers shown on the map indicate where it is believed streams are located. Unknown streams will be verified for fish presence, 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 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:
 - There is potential for a stream enhancement Project in Rogers Creek (Unit 602) & Rogers Creek and Tributary (Unit 714). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts on over this fiscal year. District State Forest staff shall consult with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologist to help determine the feasibility and logistics of the project during sale layout.

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
598	Y	Y	
602	N	Y	See road and harvest recommendations
714	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 and 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:
 - FB8 Trail exists along the western boundary of sale area #598. The Marketing Unit and Roads Unit will work closely with the Recreation Program during sale layout, contract writing, and sale administration to minimize impact to the recreational trail and mitigate public use safety concerns.

The recreation trail will be temporarily closed when safety hazards are present during timber sale activity and re-opened once sale activity is completed or when safe to do so. Trail segments impacted by road construction will be evaluated for re-route construction post timber harvest. The Recreation Program may perform maintenance upgrades to improve sustainability and improve hydrological disconnection during closure to minimize impact to the public.

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:

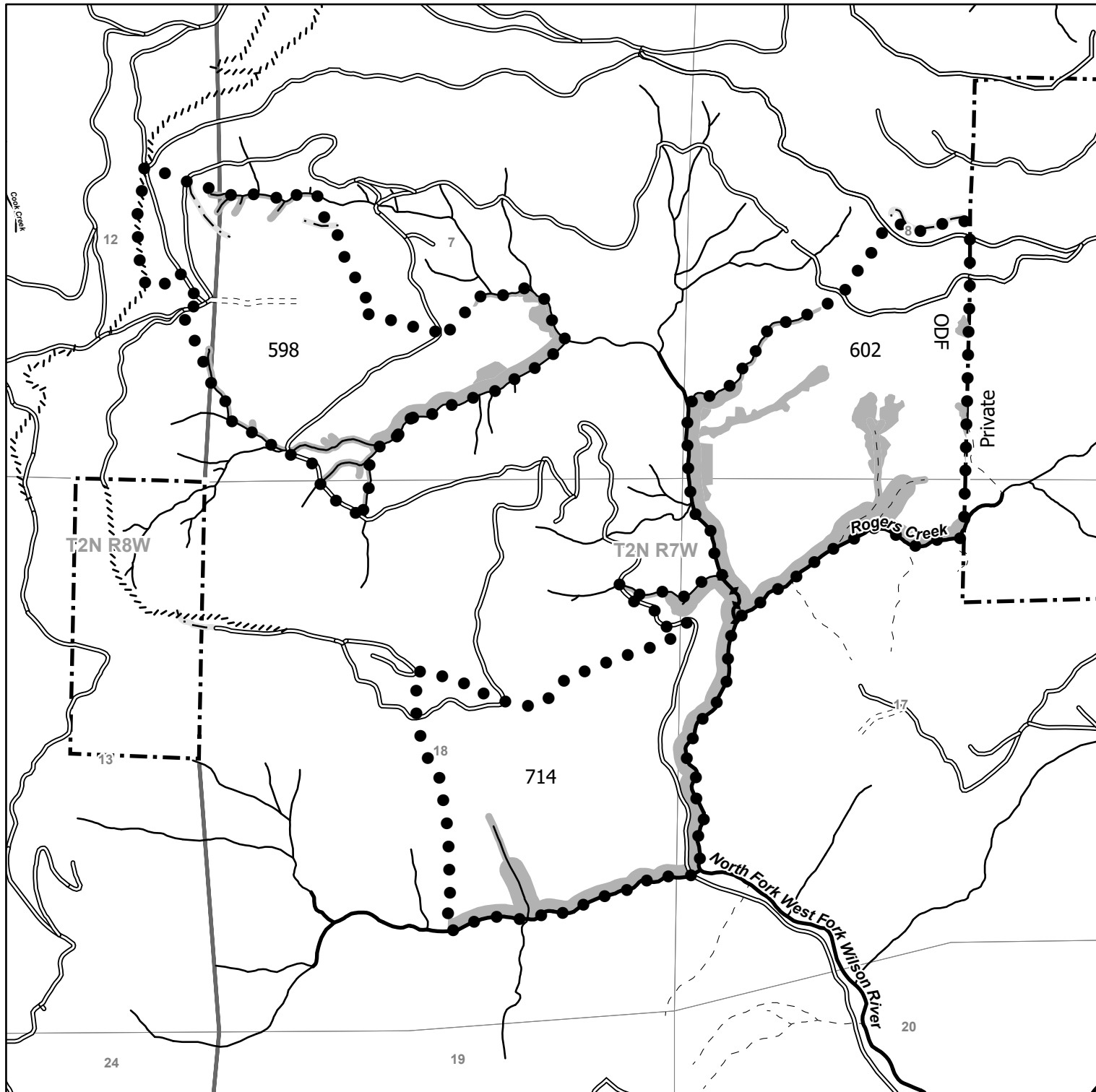
1. Are there scenic resources in the vicinity of this operation that need additional consideration? ☒ No ☐ Yes, please describe:

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
- The layer indicates the presence of SNC-Paired permanent plots ("Air Trailer/West Standard"). Harvest Operations should not be impacted.
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:

Unit 602 is adjacent to industrial landownership.

Unit 602: The current sale shape is greater than 120 acres. There are multiple streams within the sale that require stream surveys. Depending on the results of these surveys the acreage of the sale may drop below 120 acres. If it does not, modifications will be made to the sale boundaries to ensure that the sale is under this threshold



Legend

- ◆◆ Unit Boundary
- Sale Boundary
- //// Recreation Trails
- Surfacd
- Unsurfcd
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- Unknown Streams
- No Harvest Area
- No Harvest - Existing Road; New Construction
- Ownership Boundary

FY 2025 - Tillamook District Standard Grade South Portions of Section(s) 7, 8, 17, 18, T2N, R7W & 12, T2N, R8W W.M. Tillamook & Washington Counties

State Forest Division
05/10/2024

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey 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 layer.

1:15,800

1,000 500 0 1,000 Feet



Unit 598	114	Acres (CC)
Unit 602	117	Acres (CC)
Unit 714	113	Acres (CC)

Total 344 Acres

