

Pre-Operations Report

Operation Name: East Cook Creek
County (%): Tillamook (100%)
Elevation: 598 - 2,522 ft
Legal Description: T2N R8W, Section(s) 9, 10, 11, 14, 15

Tax Code(s): 5601
BOF%: 100 **CSL%:** 0
Sale Quarter: 4

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
740	CC	DF-S, RA-S	101	97	21.0	2,037	\$337	\$686,469
742	CC	DF-S, RA-S	51	39	21.0	819	\$337	\$276,003
743	CC	DF-M, WH-M	84	71	21.0	1,491	\$337	\$502,467
Total		Regeneration	236	206		4,347		
		Partial Cut	0	0		0		
						Gross Value		\$1,464,939
a. Estimated harvest volume per acre for Unit.						Project Costs		\$109,550
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$1,355,389
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
740	30732	M	DF, RA	16	--	--	--	0%	1
740	32740	I = 34206	DF,RA	67	198	13	192	52%	95
742	30677	I = 30678	RA,DF	61	152	12	111	32%	2
742	30684	I = 32089	DF, RA	61	114	19	225	53%	7
742	30950	M	DF, RA	16	--	--	--	0%	4
742	32049	I = 34311	DF,RA	61	157	14	177	47%	4
742	32468	M	DF,WH	12	--	--	--	0%	2
742	32539	I = 31077	DF,RA	61	355	12	279	79%	17
742	32542	I = 32089	DF, RA	61	114	19	225	53%	3
743	30866	I = 31313	RA,DF	61	183	13	169	46%	2
743	30868	I = 32679	WH,DF	61	101	16	142	36%	5
743	32049	I = 34311	DF,RA	61	157	14	177	47%	13
743	32089	M	DF, RA	61	114	19	225	53%	34
743	32470	I = 32147	WH,RA	61	175	14	193	51%	14
743	32805	M	DF, RA	16	--	--	--	0%	3

- 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 Units 742 and 743 were commercially thinned in 2005 and Unit 740 in 2008.
- The stand boundary for 30732 is drawn incorrectly. Unit 740 does not include 16-year-old trees. The 1 acre shown in the table for stand 30732 should be included with stand 32740 and is shown as such in the remainder of this document.
- The younger stand ages listed for 30950 and 32468 in Unit 742, and 30732 in Unit 743, reflect the small portions of the units that were previously harvested. Although yarding, and some harvest will occur, the younger trees in these acres will not be targeted for harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
740	32740	13	149	Yes	--	--
742	30677	17	133	Yes	--	--
742	30684	18	93	Yes	--	--
742	30950	0	1142	Yes	--	--
742	32049	6	136	Yes	--	--
742	32468	0	857	Yes	--	--
742	32539	6	271	Yes	--	--
742	32542	18	93	Yes	--	--
743	30866	13	401	Yes	--	--
743	30868	4	691	Yes	--	--
743	32049	6	136	Yes	--	--
743	32089	18	93	Yes	--	--
743	32470	26	147	Yes	--	--
743	32805	0	2475	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. Density survey coverage in 2023 and continuing in 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: There is existing murrelet survey coverage from 2022/2023 on the west side of Unit 742 that is not triggered by the current harvest plan. If plans change during sale layout and harvest needs to occur further west, consult the ODF Wildlife Biologist assigned to your District.

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 Queen of the forest (*Filipendula occidentalis*) in the vicinity of Units 740, 742, and 743. Maintaining adequate riparian buffers and protecting any areas if this is found during layout will help reduce risk to this species. ORBIC reports Purple Martin (*Progne subis*) in the vicinity of Unit 740. Looking for opportunities to cluster snags in the uplands will support the persistence if this species. Consult the ODF Wildlife Biologist assigned to the District during layout.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
740	32740	UDS	GEN	No	95
742	30677	UDS	GEN	No	2
742	30684	UDS	GEN	No	7
742	30950	CSC	GEN	No	4
742	32049	UDS	GEN	No	4
742	32468	REG	GEN	No	2
742	32539	UDS	GEN	No	17
742	32542	UDS	GEN	No	3
743	30866	UDS	GEN	No	2
743	30868	UDS	GEN	No	5
743	32049	UDS	GEN	No	13
743	32089	UDS	GEN	No	34
743	32470	UDS	GEN	No	14
743	32805	CSC	GEN	No	3

- 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			
740	100	0	49	Established	All Weather
742	100	0	53	Established	All Weather
743	100	0	54	Established	All Weather

- Haul Route: Cook Creek, East Fork Cook Creek, and East Fork Ridge Road.
 - There are no locked gates on the haul route.
- Haul Route Condition: The haul route is in overall good condition with the exception of the portion of the road damaged in the 2015 winter storms. The damaged portion of Cook Creek Road will be repaired under a separate contract relocating the road uphill and away from the stream. Timber Sale project work will include replacement of a partial fish barrier and culvert with a bridge on a small unnamed Type F stream tributary of Cook Creek. Sale is contingent upon this work being completed. See Section XI for additional information.
- Are easements required for the haul route? ☒ Yes ☐ No
 - Oregon State Parks on Cook Creek (311.29046).

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.23	0
Improve, Rock, and/or Maintain	7.59	12.63	3.32	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	0	0	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

- Rock Sources for this operation: Stockpiles for crushed rock, local sources for all other.
- Are property line surveys required for this operation? ☐ Yes ☒ No
- Is there planned new road construction planned within RCAs/HCA's? ☐ Yes ☒ No

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
 - 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: Cook Creek/Lower Nehalem River
 - Within the designated Aquatic Anchor no harvest stream buffers will be extended out to 50 feet when regeneration 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:
 - There is potential for a stream enhancement Project in South Fork Cook Creek (Unit 742). 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
740	N	Y	
742	N	Y	
743	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:

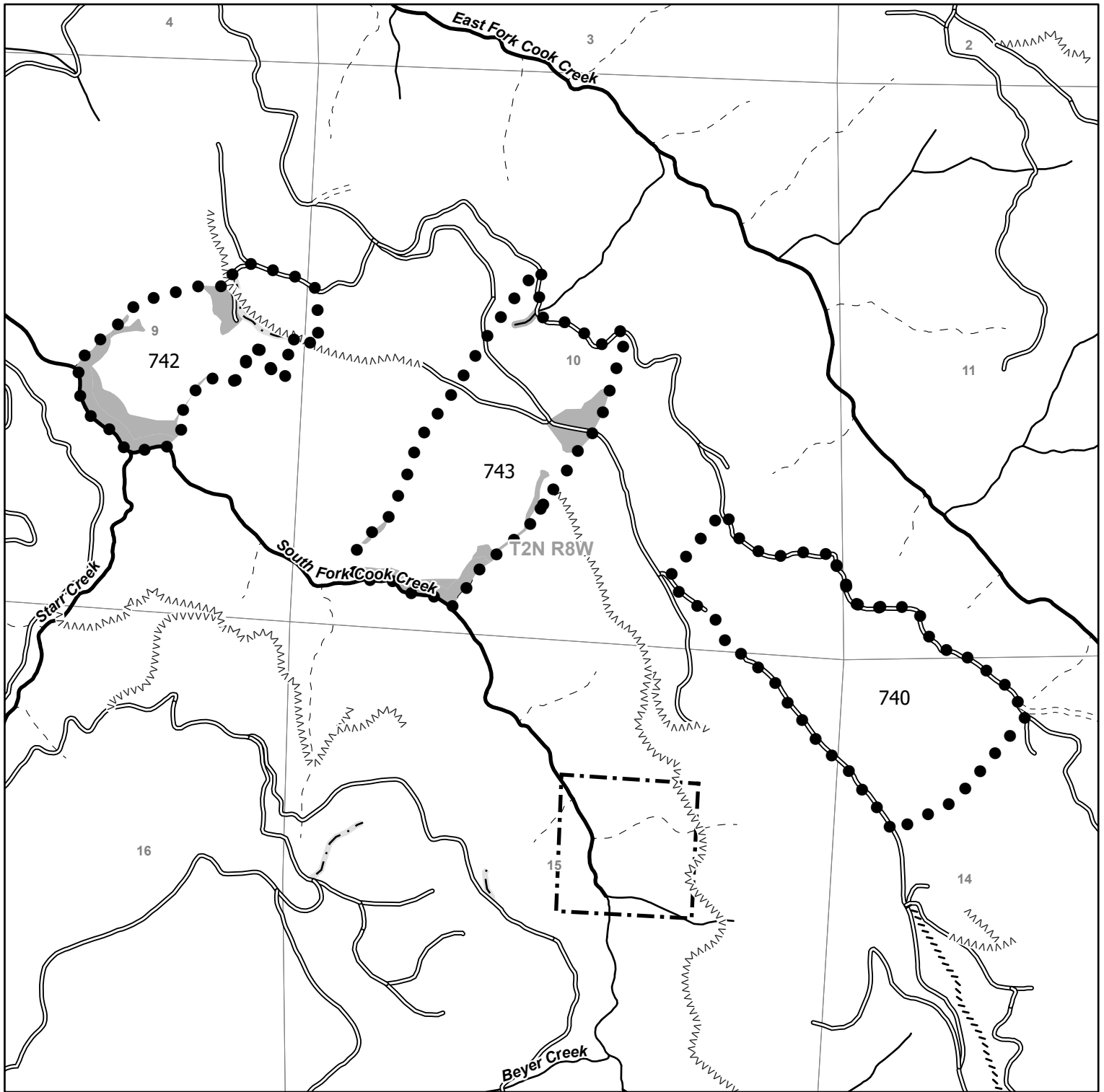
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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:
 - The Oregon Department of Forestry has awarded a Work Order Contract to relocate the damaged portion of Cook Creek Road in Tillamook County and will restore access to the basin. Access will be restored no later than the end of October 2025 when the Work Order Contract expires.



Legend
 ● Sale Boundary
 Recreation Trails

Paved

Surfaced

Unsurfaced

Abandoned or vacated

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
 East Cook Creek
 Portions of Section(s) 9, 10, 11, 14, 15, T2N, R8W, , W.M.
 Tillamook County**

State Forest Division
 02/16/2024

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 740	97 Acres (CC)
Unit 742	39 Acres (CC)
Unit 743	71 Acres (CC)

Total 206 Acres

