

Pre-Operations Report

Operation Name: Star Creek
County (%): Tillamook (100%)
Elevation: 349 - 2,050 ft
Legal Description: T2N R8W, Section(s) 8, 9, 10, 15, 16, 17

Tax Code(s): 5600, 5601
BOF%: 100 **CSL%:** 0
Sale Quarter:

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
169	CC	DF-M, RA-S	161	120	23.0	2,760	\$278	\$767,280
170	CC	DF-S, RA-S	100	82	23.0	1,886	\$278	\$524,308
917	CC	RA-S, DF-S	138	120	23.0	2,760	\$278	\$767,280
Total		Regeneration	399	321		7,406		
		Partial Cut						
						Gross Value		\$2,058,868
a. Estimated harvest volume per acre for Unit.						Project Costs		\$604,050
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$1,454,818
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
169	30000	M	DF,WH	19	--	--	--	0%	1
169	30616	M	RA,DF	69	156	14	172	46%	2
169	30622	M	RA,DF	76	143	15	174	45%	2
169	30659	M	DF,RA	58	144	16	193	49%	44
169	30660	I = 31791	RA,DF	58	155	16	212	54%	8
169	30661	I = 37080	RA,DF	58	116	16	167	42%	28
169	30662	I = 30305	RA,DF	58	171	14	173	47%	11
169	30668	I = 30698	RA,BM	52	150	15	192	50%	6
169	30670	I = 30306	DF,RA	58	232	13	216	59%	5
169	32452	I = 30306	DF,RA	58	232	13	216	59%	5
169	32469	M	RA,DF	52	198	14	210	56%	7
170	30254	M	DF,WH	19	--	--	--	0%	3
170	30613	I = 35418	DF,NF	58	271	10	139	43%	2
170	30662	I = 30305	RA,DF	58	171	14	173	47%	6
170	30668	I = 30698	RA,BM	52	150	15	192	50%	2
170	30671	I = 34166	RA,DF	52	125	15	148	39%	24

170	30672	I = 34166	RA,DF	19	125	15	148	39%	5
170	30842	M	DF,WH	19	--	--	--	0%	4
170	30913	I = 30703	DF,RA	58	146	15	178	46%	12
170	30996	I = 38174	WH,RA	58	111	16	145	37%	6
170	31550	M	DF,WH	19	--	--	--	0%	5
170	32351	I = 32365	DF,WH	52	187	14	200	53%	5
170	32353	I = 37360	DF,RA	52	280	11	177	52%	6
917	30409	M	DF,WH	19	--	--	--	0%	27
917	30735	M	DF,RA	68	194	14	209	56%	41
917	30736	I = 30359	RA,BM	68	144	16	197	50%	12
917	30899	M	DF,WH	19	--	--	--	0%	40

- 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 small portions of Units 169 and 170 were commercially thinned in 2010 and a portion of Unit 917 was retention cut in 2004.
 - The younger stand ages listed for all three units 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
169	30000	0	770	Yes	--	--
169	30616	6	53	Yes	--	--
169	30622	5	43	Yes	--	--
169	30659	6	87	Yes	--	--
169	30660	21	183	Yes	--	--
169	30661	12	120	Yes	--	--
169	30662	7	186	Yes	--	--
169	30668	7	58	Yes	--	--
169	30670	9	273	Yes	--	--
169	32452	9	273	Yes	--	--
169	32469	40	90	Yes	--	--
170	30254	0	770	Yes	--	--
170	30613	0	1085	Yes	--	--
170	30662	7	186	Yes	--	--
170	30668	7	58	Yes	--	--

170	30671	29	136	Yes	--	--
170	30672	29	136	Yes	--	--
170	30842	0	770	Yes	--	--
170	30913	8	120	Yes	--	--
170	30996	19	265	Yes	--	--
170	31550	0	770	Yes	--	--
170	32351	7	185	Yes	--	--
170	32353	2	687	Yes	--	--
917	30409	0	770	Yes	--	--
917	30735	9	123	Yes	--	--
917	30736	29	73	Yes	--	--
917	30899	0	770	Yes	--	--

- Identify the number of hard snags per acre (decay classes 1 and 2)
- Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
- 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 conducted in 2022 and 2023 for units 169 and 170. Surveys expire 4/1/2029.

- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹])?
☐ No ☒ Yes, please describe: Queen of the Forest in the vicinity of the sale, found near shaded moist stream banks.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	Inside of HCA	Net Acres ^a
169	30000	CSC	GEN	No	1
169	30616	UDS	GEN	No	2
169	30622	UDS	GEN	No	2
169	30659	UDS	GEN	No	44
169	30660	UDS	GEN	No	8
169	30661	UDS	GEN	No	28
169	30662	UDS	GEN	No	11
169	30668	UDS	GEN	No	6
169	30670	UDS	GEN	No	5
169	32452	UDS	GEN	No	5
169	32469	UDS	GEN	No	7
170	30254	CSC	GEN	No	3
170	30613	UDS	GEN	No	2
170	30662	UDS	GEN	No	6
170	30668	UDS	GEN	No	2
170	30671	UDS	GEN	No	24
170	30672	UDS	GEN	No	5
170	30842	CSC	GEN	No	4
170	30913	UDS	GEN	No	12
170	30996	UDS	GEN	No	6
170	31550	CSC	GEN	No	5
170	32351	UDS	GEN	No	5
170	32353	UDS	GEN	No	6
917	30409	CSC	GEN	No	27
917	30735	UDS	GEN	No	41
917	30736	UDS	GEN	No	12
917	30899	CSC	GEN	No	40

- 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

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
All	CC	--	--	--	--	--

- **Leave Tree Considerations:** Foresters will work with wildlife biologist during sale layout. The following should be considered when determining final leave tree arrangements.
 - **Stand Characteristics:** Prioritize minor species, larger diameter, and open grown trees from previous harvests as part of the retention strategy.
 - **Geotechnical:** Additional wind firm leave trees will be concentrated around the No Harvest Areas within the sale shown on the Exhibit A map. Foresters will evaluate stand and topographic conditions to determine sites appropriate for these buffer areas.
- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
169	100	0	35-65	Verified	All Weather
170	60	40	35-65	Established	Combo
917	100	0	35-65	Simple	Combo

1. Haul Route: Smith Wright Road, Doe Flats Road, South Fork Cook Creek Road, Cook Creek Road.
 - There are no locked gates on the haul route.
2. Haul Route Condition: Cook Creek will be improved by the FY 2025 Tin Pants timber sale. South Fork Cook Creek Road needs a medium lift of rock from Smith Wright Road up, as well as some brushing and minor road repairs. Smith Wright Road needs light grading and a medium lift of rock to the switchback. Doe Flats Road needs some light to medium grading, spot rocking.
3. Are easements required for the haul route? ☐ No ☒ Yes
 - Cook Creek Road through Oregon State Parks (311.29046).

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	2.02	0.28
Improve, Rock, and/or Maintain	0	5.34	1.34	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	1(IE) 1(R)	0

a. Salmon Steelhead and Bull Trout (SSBT)

4. Rock Sources for this operation: Stockpiles. Jawrun – Cook Creek 6.6-mile pit, Jetty Pit.
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes

- New road construction within RCA and HCAs 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.: ☐ 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
 - Within the designated Aquatic Anchor streams will be buffered in accordance with strategies in the draft Habitat Conservation Plan that prioritize salmonid recovery 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 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:
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
169	No	Yes	
170	Yes	Yes	
917	No	Yes	

- **Geotech Review:** Initial geotechnical reviews have been completed, and slope protections have been incorporated into No Harvest buffers shown on the map. Some slope protections are dependent on further field review or 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:

IX. HISTORIC AND CULTURAL RESOURCES:

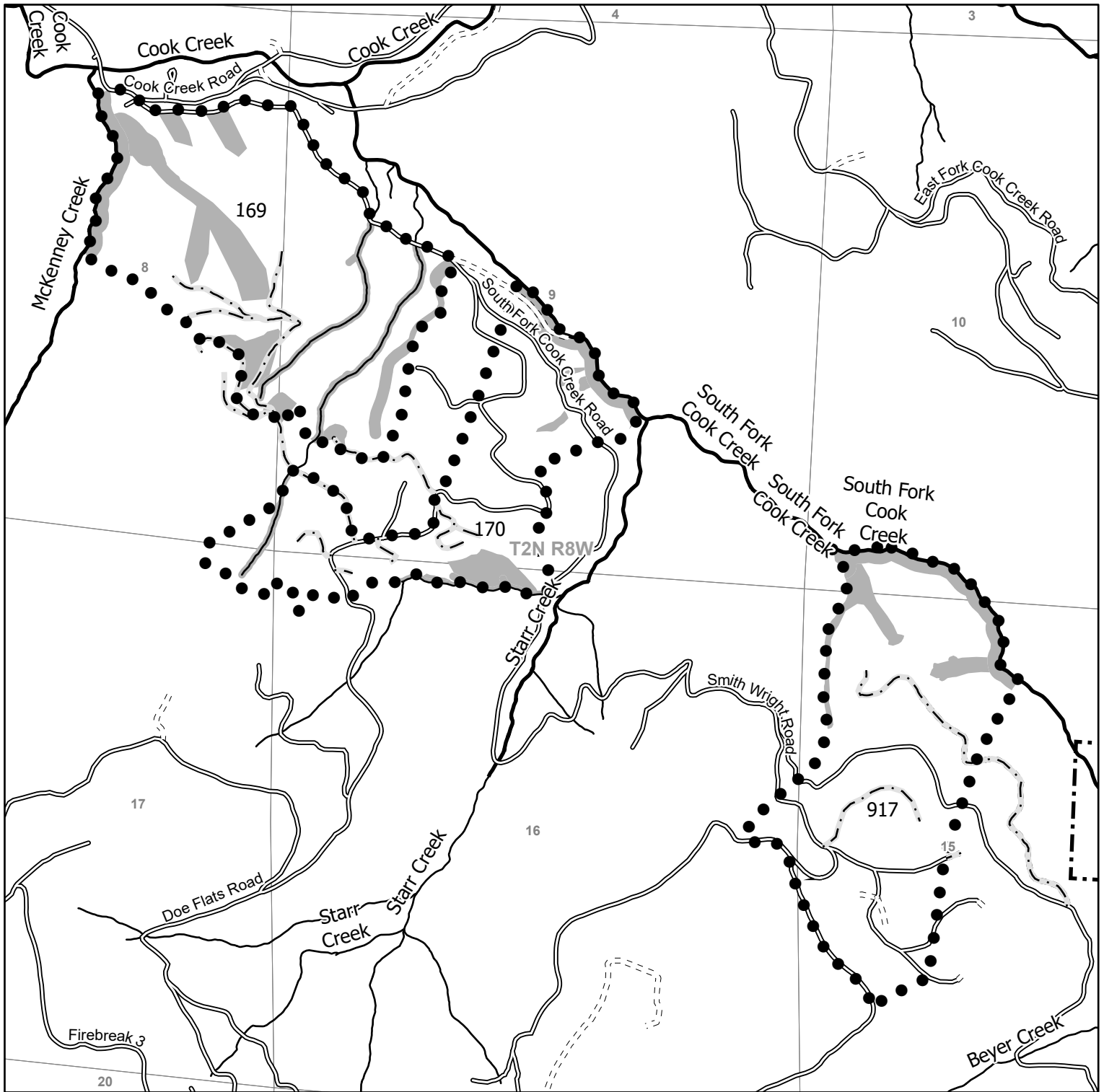
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

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
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
 - **No Harvest (Other):**
 - Unit 169 – Previously harvested areas that may need to be yarded through and/or accommodate landing locations.
 - **Unit Size:** The current sale shapes (Unit 169 and 917) are over 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 to below 120 acres. If it does not, modifications will be made to the sale boundaries to ensure compliance with the FPA.



FY 2026 - Tillamook District

Star Creek

Portions of Section(s) 8, 9, 10, 15, 16, 17, T2N, RW, W.M. Tillamook County

State Forest Division

03/19/2025

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 Flow Line layer.

Unit 169	120	Acres (CC)
Unit 170	82	Acres (CC)
Unit 917	120	Acres (CC)

Total 321 Acres

Legend

- ● Sale Boundary
- Surfaced
- - - Unsurfaced
- Ownership Boundary
- Perennial Fish
- Perennial Non-Fish
- New Road Construction
- No Harvest - Green Tree Retention
- No Harvest Area
- No Harvest - Existing Road; New Construction

1:15,800

1,000 500 0 1,000 Feet

