

Pre-Operations Report

Operation Name: Edward's BSM

County (%): Tillamook (100%)

Elevation: 586 – 2,372 ft

Legal Description: T2S R8W, Section(s) 10, 11, 14, 15, 16, 21, 22

Tax Code(s): 901

BOF%: 100 **CSL%:** 0

Sale Quarter: 2

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
52	CC	DF-M, RA-M	44	37	20.0	740	\$300	\$222,000
247	CC	DF-M, RA-S	152	110	20.0	2,200	\$300	\$660,000
350	CC	DF-S, RA-S	91	76	27.0	2,052	\$300	\$615,600
351	CC	DF-S, RA-M	35	29	41.0	1,189	\$300	\$356,700
875	CC	RA-S, DF-S	152	119	20.0	2,380	\$300	\$714,000
Total		Regeneration	474	370		8,561		
		Partial Cut	0	0		0		
						Gross Value		\$2,568,300
a. Estimated harvest volume per acre for Unit.						Project Costs		\$270,350
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,297,950
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
52	30822	M	DF,WH	17	--	--	--	0%	11
52	32390	I = 37626	DF,RA	56	136	16	197	50%	7
52	32549	I = 36241	DF,RA	56	122	16	174	44%	8
52	37610	I = 30359	RA,BM	56	144	16	197	50%	10
247	30524	M	DF,WH	15	--	--	--	0%	2
247	32387	I = 37618	DF,RA	56	139	16	198	50%	29
247	33043	M	--	57	143	16	191	49%	3
247	37498	I = 37520	RA,DF	57	142	17	218	54%	27
247	37570	I = 31081	RA,DF	57	188	14	196	53%	3
247	37572	I = 37691	RA,DF	57	202	14	225	60%	15
247	37573	I = 37494	RA,DF	56	155	16	214	54%	30
350	30526	M	--	13	--	--	--	0%	1

350	32393	I = 31059	DF,RA	55	266	12	218	62%	15
350	33044	M	RA,DF	64	178	14	197	52%	14
350	37500	I = 31325	DF,RA	55	175	14	184	49%	33
350	37560	I = 30834	DF,RA	55	174	14	193	51%	4
350	37561	M	--	55	--	--	--	0%	10
351	32390	I = 37626	DF,RA	54	141	16	194	49%	11
351	37607	I = 37699	DF,RA	54	196	14	212	57%	13
351	37610	I = 30359	RA,BM	54	147	16	196	50%	4
875	30382	M	--	16	--	--	--	0%	2
875	30733	M	DF,WH	15	--	--	--	0%	22
875	32989	I = 37691	RA,DF	58	202	14	225	60%	4
875	37617	I = 32471	RA,DF	58	139	16	189	48%	40
875	37618	M	DF,RA	56	139	16	198	50%	11
875	37619	M	DF,RA	58	301	13	276	76%	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 portions of Units 52 and 875 were retention cut in 2006, which accounts for the younger stand ages in the stand table. Units 247, 350, and 351 have no record of pre-commercial or commercial thinning.
- The 17-year-old trees listed for 32816 in Unit 52 reflect the small portion of the unit that were previously part of a retention cut harvest. The younger trees in these acres will not be targeted for harvest.
- The stand boundary for 30382 is drawn incorrectly. Unit 875 does not include 2-year-old trees. The 2 acres shown in the table for stand 30382 should be included with stand 37619 and is shown as such in the remainder of this document.
- The stand boundary for 30524 is drawn incorrectly. Unit 247 does not include 15-year-old trees. The 2 acres shown in the table for stand 30524 should be included with stand 37573 and is shown as such in the remainder of this document.
- The 1 acre of 13-year-old trees listed for stand 30526 in Unit 350 reflect a small strip of area adjacent to the road that was harvested with a previous timber sale. This area is included with the sale boundary because it will be yarded through during harvest, however, the younger trees within it will not be targeted with this harvest.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
52	30822	0	770	Yes	--	Sprayed Alder
52	32390	18	80	Yes	--	Sprayed Alder
52	32549	8	46	Yes	--	Sprayed Alder
52	37610	29	73	Yes	--	Sprayed Alder

247	32387	17	173	Yes	--	Sprayed Alder
247	33043	9	49	Yes	--	Sprayed Alder
247	37498	8	287	Yes	--	Sprayed Alder
247	37570	13	144	Yes	--	Sprayed Alder
247	37572	16	235	Yes	--	Sprayed Alder
247	37573	9	51	Yes	--	--
350	30526	0	1764	Yes	--	--
350	32393	16	726	Yes	--	--
350	33044	13	133	Yes	--	--
350	37500	17	175	Yes	--	--
350	37560	19	934	Yes	--	--
350	37561	0	1670	Yes	--	--
351	32390	27	60	Yes	--	--
351	37607	9	134	Yes	--	--
351	37610	26	68	Yes	--	--
875	30733	0	770	Yes	--	--
875	32989	16	235	Yes	--	Sprayed Alder
875	37617	9	58	Yes	--	Sprayed Alder
875	37618	17	173	Yes	--	--
875	37619	7	703	Yes	--	Sprayed Alder

- 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 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

- 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: Unit 875 us 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:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
52	30822	CSC	GEN	No	11
52	32390	UDS	GEN	No	7
52	32549	UDS	GEN	No	8
52	37610	UDS	GEN	No	10
247	32387	UDS	GEN	No	29
247	33043	UDS	GEN	No	3
247	37498	UDS	GEN	No	27
247	37570	UDS	GEN	No	3
247	37572	UDS	GEN	No	15
247	37573	UDS	GEN	No	30
350	30526	REG	GEN	No	1
350	32393	UDS	GEN	No	15
350	33044	UDS	GEN	No	14
350	37500	UDS	GEN	No	33
350	37560	UDS	GEN	No	4
350	37561	CSC	GEN	No	10
351	32390	UDS	GEN	No	11
351	37607	UDS	GEN	No	13
351	37610	UDS	GEN	No	4
875	30733	REG	GEN	No	22
875	32989	UDS	GEN	No	4
875	37617	UDS	GEN	No	40
875	37618	UDS	GEN	No	11
875	37619	UDS	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.

- The 22 acres of REG in Unit 875 are from a retention cut harvest in 2006. This area will be yarded through and merchantable timber from the overstory within it will also be harvested.

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			
247	100	0	48	Verified	All weather
350	100	0	49	Simple	All weather
351	100	0	63	Verified	Dry weather only
52	100	0	62	Established	All weather
875	100	0	39	Simple	All weather

- Haul Route: BSM, South Fork Trask
 - There are no gates on the haul route.
- Haul Route Condition: BSM Road requires grading, spot patching, and traction rock. The South Fork Trask Road has been improved and maintained with recent timber sales and no additional work is anticipated with Edwards BSM.
- Are easements required for the haul route? ☒ Yes ☐ No
 - 311.29429 Tillamook County

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.86	0
Improve, Rock, and/or Maintain	1.29	4.54	1.13	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: North Fork Trask Pit, crushed rock stockpile
- 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:
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 Edwards Creek (Unit 875 and 247). 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
52	N	Y	
247	N	Y	
350	N	Y	
351	Y	Y	
875	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

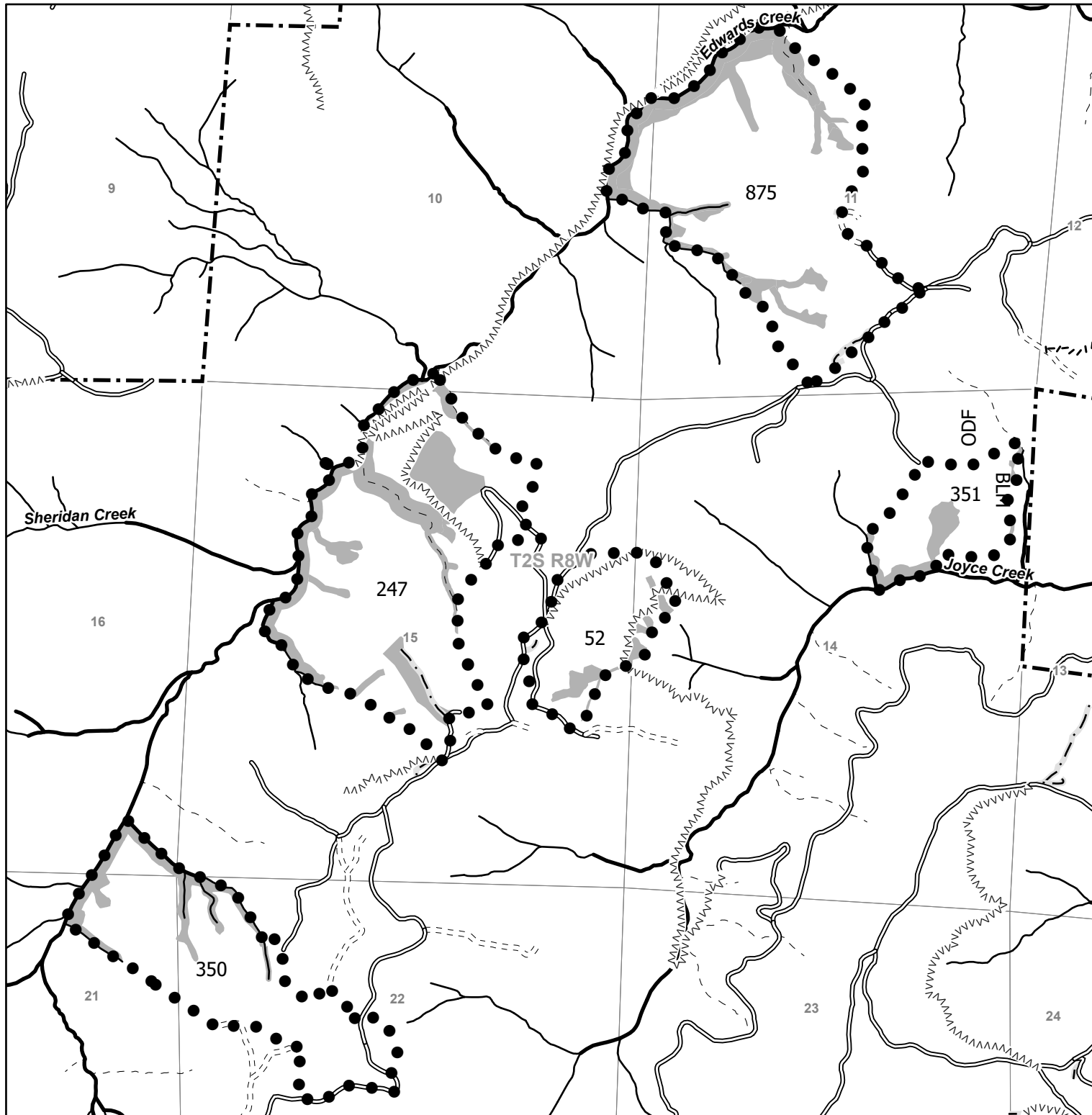
X. SCENIC RESOURCES:

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:

Unit 875: 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**
- 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
Edward's BSM
Portions of Section(s) 10,11, 14, 15, T2S, 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.

Unit 52	37 Acres (CC)
Unit 247	110 Acres (CC)
Unit 350	76 Acres (CC)
Unit 351	29 Acres (CC)
Unit 875	119 Acres (CC)

Total 370 Acres

1:18,000

1,000 500 0 1,000 Feet

