

Pre-Operations Report

Operation Name: Norriston Heights

Tax Code(s): 10-2 82%
 10-12 18%

County (%): Clatsop

BOF%: 100 CSL%:

Elevation: 123-495 feet

Sale Quarter: 1

Legal Description: Portions of Sections 7 and 18 of T4N, R10W.

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ³	Gross Acres	Net Acres	MBF/Acre ¹	MBF/Unit ¹	\$ / MBF ²	\$ / Unit
1	MC	WH-S, SS-M	88	77	34	2,618	\$375	\$981,750
Total		Regeneration	88	77		2,618		
		Partial Cut						
							Gross Value	\$981,750
							Project Costs	\$43,200
							Net Value	\$938,550

1. Estimated harvest volume per acre for Unit.

2. Estimated 'price' (excluding Project Costs)

3. 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 ¹	Species	Age	TPA	DBH	BA	SDI	Net Acres ²
1	24157	M	WH,SS	68	260	14	276	74%	77

1. 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).

2. 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 3. Additional Stand Information

Unit	Stand ID	Snags/Acre ¹	Down Wood/Acre ²	Forest Health		
				SNC	Phellinus	other ³
1	24157	18	75	X		Dwarf Mistletoe

1. Identify the number of hard snags per acre (decay classes 1 and 2)

2. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)

3. 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. (See the T&E Coordinator or Biologist for the BSTF.)

1. A portion of the operation is within (Check all that apply):

- TAS NSO Circle or Home Range, or Baseline Thiessen (BA required)
 MMMA (BA required) None

2. Are Surveys for NSO being conducted for any portion of this operation?
 Yes No Density surveys
3. Are Surveys for MM being conducted for any portion of this operation?
 Yes No Systematic Survey Zone N/A
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plants [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	Net Acres ¹
1	24157	LYR	GEN	77

1. 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 Prescription (Complete only for Partial Cut Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
	Choose an item.					

(If the operation is a modified clearcut, DON'T delete the table, just don't fill it out.)

(For DFC Complex stands, stands within a TAS, NSO circle, home range or Baseline Thiessen BA, or MMMA describe previous stand management, vision statement, prescription and how it ties into species of concern/NSO/MMMA strategies where applicable. This information does not need to be included if the operation is a modified clearcut, unless you feel it would be beneficial to the resource specialist review.)

(This section would provide information needed by biologists to assist in preparing a BA or to see how the prescription/plan for the sale ties into TAS/SOC policies or how it moves the stand towards DFC complex.)

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	40	60	35-65	Established	All Weather

1. Haul Route (list roads to be used for this operation)
 HP 20 to Hug Point Road to Hwy 101
2. Haul Route Condition (Describe specific considerations for this route, such as: seasonal restrictions, load restrictions, surface condition, truck turn arounds, recreation sites, etc.):
 This sale and haul route is near the communities of Cannon Beach and Arch Cape, haul routes are utilized by general public for recreation. Hug Point Road is on private property.
3. Adjacent Operations (Describe operations planned or sold that may be using the road concurrently or will be conducting road maintenance/improvement projects):

¹ Oregon Biodiversity Information Center
 Astoria District
 Preliminary - 08/09/2018

N/A

- 4. Are easements required for the haul route? Yes No

If "yes", list the existing easement numbers, specific road use provisions or fees and/or describe easements that need to be obtained.

Hug Point and Hug Point 20 Easement (#311.04613) by and between the State of Oregon, Board of Forestry, Onion Peak LLC and Lewis and Clark Timberlands LLC. Requires insurance and road maintenance.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct				
Improve		1.6	1.1	
Maintain		2.9	0.8	
Block (Dormant)				
Vacate				
Stream Crossings				
Type F				
Type N				

- 5. Rock Sources for this operation: Crushed rock for the road improvement projects for this operation will be obtained from the Hug Point Stockpiles. The rock for log hauling road maintenance will need to be purchased from a commercial source.
- 6. Are property line surveys required for this operation? Yes No
 If "yes", describe the lines to be surveyed, type of survey (i.e. section subdivision, refresh previously established line, etc.), miles of line to be surveyed, and how the survey will be accomplished (i.e. ODF staff, contractor).
 Refresh previously established lines during timber sale layout.

VI. AQUATIC RESOURCES:

- 1. Operating within the Inner Zone of a Type F stream? No Yes, describe the goal and prescription within this zone:
- 2. Do any streams need fish presence surveys? No Yes
- 3. Are there H.E.R./P.D.F.T streams present? No Yes
- 4. Is a portion of the operation within an Aquatic Anchor? No Yes, name:
- 5. Are any streams classified as Domestic Water Use (FPA definition)? No Yes, describe protection measures:
 There are domestic water use sites on streams below the sale area, sites will be buffered as per FPA and FMP rules and policies.
- 6. Is there a Stream Enhancement Project planned? No Yes, please describe:

VII. SLOPE STABILITY ISSUES:

- 1. Has sale been reviewed by Area Geotechnical Specialist? Yes No
- 2. Does the Geotechnical Specialist require any additional review during sale layout No Yes, please describe:

Area 1: needs further consulting with the Geotechnical Specialist.

VIII. RECREATION RESOURCES:

Recreation issues/coordination: No Yes, please describe:
May be public pedestrian use on Hug Point Road.

IX. HISTORIC AND CULTURAL RESOURCES:

- 1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
 Yes No
- 2. Have any resources been identified that need consideration? No Yes, please describe:

X. SCENIC RESOURCES:

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

Sale is adjacent to Hwy 101, near the community of Arch Cape the Scenic highway buffer rules will be applied.

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

Buffers for State Scenic Highway designation and domestic water use sites will be applied.

- 2. Are there any other resources present that need additional consideration? No Yes, please describe:

Norrington Heights FY2020

Portions of Sections 7 and 18,
T4N, R10W, W.M.,
Clatsop County, Oregon.

Area 1 (MC) = 77 Acres

Total MC Acres = 77

Legend

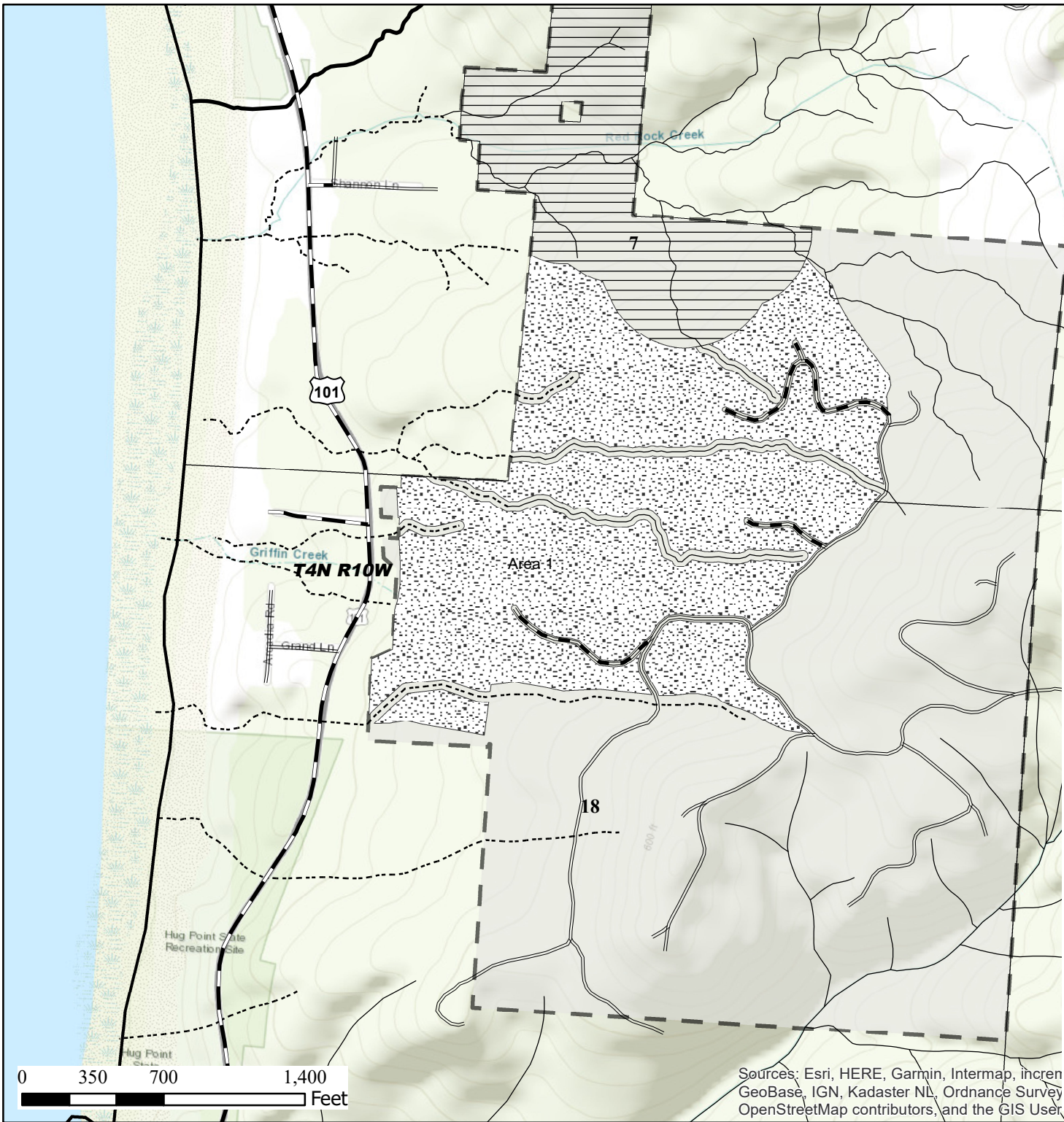
- - - New Road Construction
- Paved Road
- Rocked Road
- Fish
- Nonfish
- Unknown

Sale Boundary

- Clearcut - Modified
- Partial Cut
- Road Buffer, New Construction

Desired Future Condition

- LYR
- OFS
- ODF Ownership



Sources: Esri, HERE, Garmin, Intermap, increment
GeoBase, IGN, Kadaster NL, Ordnance Survey
OpenStreetMap contributors, and the GIS User Community