

## Coast District Fact Sheet

### **District Facts**

- Approximately 285,000 acres
- Olympic Experimental State Forest is approximately 273,000
- Approximately 2,000 miles of road
- Approximately 225 bridges
- Approximately 475 fish pipes
- RMAPS repaired, replaced, removed or inspected 469 barriers to ensure fish passage
- Approximately 30,000 acres of Old Growth forests (origin 1850 or older)

### **District Neighbors**

- Tribes
  - *Quinault Indian Nation*
  - *Hoh Tribe*
  - *Quileute Tribe*
  - *Makah Tribe*
- Federal Lands
  - *US Forest Service*
  - *Olympic National Park*
- Large Industrial Land Owners
  - *Rayonier*
  - *Merrill & Ring*
  - *Campbell*
  - *American Forest Management*
  - *Green Crow*
- Non Profits
  - *Nature Conservancy*
  - *Eco Trust*

### **Recreation**

- 8 campgrounds
  - Approximately 80 campsites
- Reade Hill Trail
  - 4.2 mile loop day use site
- Scattered and Dispersed Recreation
  - Additional boat launches, river bars, etc.

### **Silvicultural Accomplishments FY 21 and FY 22**

- 15,197 acres of survey
- 2,677 acres of pct
- 4,004 acres of planting
- 1,146 acres of site prep
- 1,793 acres of veg management

### **Timber Sale Accomplishments FY 21 and FY 22**

- 5,238 acres sold timber harvest
- 140,442 mbf sold volume

### **Milestone Accomplishments**

- OESF Forest Land Plan completed September 2016
- Approximately 18,000 acres VDT from FY 2007 – FY 2020 with nearly 17,000 of those treatment acres after 2012 to meet WEC vs. Sutherland Settlement Agreement

### **Key Differences in OESF Management**

- NSO integrated management – 20 / 40
- Riparian Management

### **District Issues / Problems to Address**

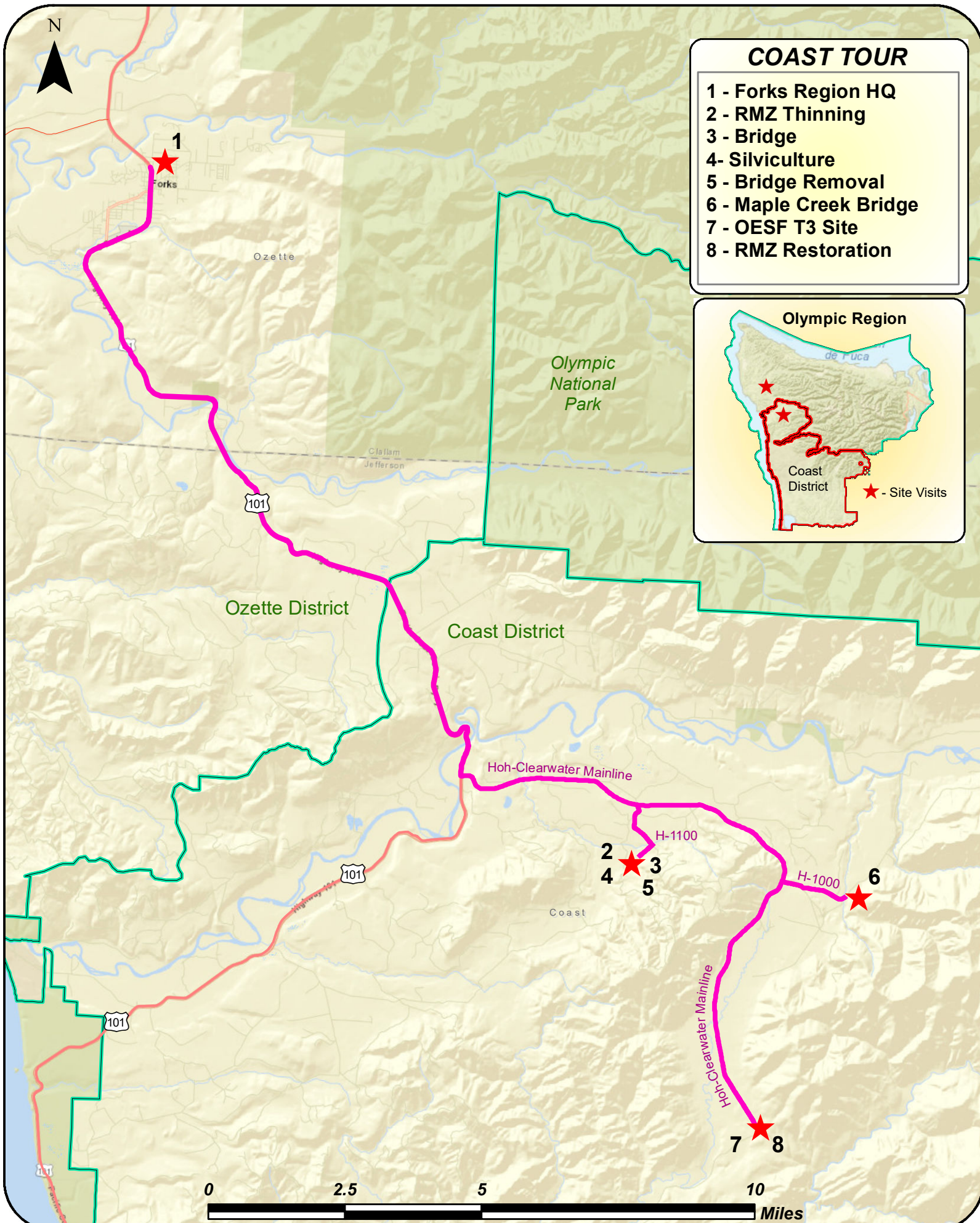
- Cedar Theft / Wood Theft
- Housing

### **Staffing**

- District Staff
  - 13 State Lands Forester positions – 5 vacancies
  - 4 district engineers
- RMAP Staff
  - 4 RMAP engineers plus Region Engineer
  - 4 equipment operators plus supervisor in Heavy Equipment Crew
- Silviculture Staff

- 2 dedicated Silviculture Forester positions – 1 vacancy
- Recreation Staff
  - 1 dedicated District Recreation Staff
- Specialist Staff
  - 1 dedicated District Geologist
  - 1 Region wide Biologist
  - 1 Region wide Survey Crew
  - 1 Region wide Cruiser

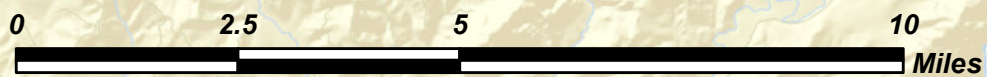
# COAST DISTRICT TOUR 2022



## COAST TOUR

- 1 - Forks Region HQ
- 2 - RMZ Thinning
- 3 - Bridge
- 4 - Silviculture
- 5 - Bridge Removal
- 6 - Maple Creek Bridge
- 7 - OESF T3 Site
- 8 - RMZ Restoration

## Olympic Region



# Activity Information for FMA: **FRUIT TREES U6**

Activity ID: <b>291096</b>	Status: <b>COMPLETED</b>	Type: <b>TIM_HARV</b>	Technique: <b>VRH</b>
Activity Date: <b>07/06/2021</b>	Acres: <b>71.66</b>	Crew: <b>CONTRACT</b>	TS ID: <b>64524</b>
Region: <b>OLYMPIC</b>	District: <b>COAST</b>	Admin: <b>WILLY-HUEL</b>	TS Name: <b>FRUIT TREES</b>

## Silvicultural Prescription:

### Current Situation:

\*Approximately 1 acre of VRH included below in the description is associated with allotted acres. See FMA's R FRUIT TREES U6A and R FRUIT TREES U6B for allotted acres. See FRUIT TREES U6 FMA for the rest of the VRH unit.

Unit 6 is a 105 gross acre unit and consists of primarily 35-56 year-old western hemlock, Douglas-fir, and small amounts of Sitka spruce, western redcedar, and red alder. The slopes range from 0-55% and an elevation range of 480-920 feet. There are 72 acres of VRH, 27 acres of unstable slope protection and RMZ's, 2 acres of existing roads, 1 acre of existing non-merchantable gap, 3 acres of LTA's with 511 trees, and 67 individual leave trees scattered throughout the unit. The unit will utilize 100% ground-based logging methods.

- a. Stand Origin: 1965
- b. Soil Site Index WH Flewelling 50 yr: 108
- c. TSHE/MEFE-BLSP

### 3. Stand Features

TPA: 259

Average DBH: 13.6

Net harvest volume/acre: 22,997

Relative Density: 71.3

Species composition (over story): 68% western hemlock, 16% Douglas-fir, 14% Sitka spruce, 1% red alder, and 1% western redcedar.

Species composition (understory): 5% Salal, 5% oxalis.

Forest Health Concerns: No significant health concerns were observed in this unit.

c. Special Considerations: This stand has been harvested in accordance with the HCP and Forest Land Plan, and does not encompass any protected habitat types. Further management of this unit is to maximize benefit to the trust.

### Rotational Objectives:

1. Maximize Trust profit, consistent with other FMU objectives

a. BLV4% > \$300

b. Investment cost of < \$350 / acre

2. Meet or exceed current rules and procedures

a. At least 190 spaced suitable crop trees/ac w/in 3 years after harvest

b. Leaving large green tree cohort of at least 2 trees/ac.; 1 from largest diameter class & 1 from dominant crown class

c. Leaving snag recruit cohort of at least 3 trees/ac.; intermediate to dominant crown class, >10" DBH, > 30' tall & >33% live crown ratio

d. Leaving snag cohort of at least 3 snags/ac. (substitute w/ live trees if can't be left for safety); >15" DBH, >30' tall

e. Leaving down dead wood cohort of at least 2 logs/ac.; 12" small end diameter, >20' long

### Chronology of Events:

Yr -1: Final harvest of present stand.

Yr 0: Plant 400 TPA (300 DF 1+1 and 100 SS P+1) @ \$243/ac

Yr 15: PCT (camp crews) @ \$70/ac

Yr 50: Final Harvest/ @ 22,997 BF/AC

### Cash Flows:

Yr -1: \$0

Yr 0: -\$243.00

Yr 15: -\$70.00

Yr 50: \$11,499.00

### Financial Analysis:

BLV (5%): \$1,554.99

BLV (7%): \$126.28

Overlapping Activities > 0.25 Acres:

ID	Name	Type	Technique	Date	Status	Overlap Acres
26157	WINFIELD PLOT 0	VEG_MGMT	HAND_CUT	07/01/87	COMPLETED	59.2
Comments:						
This forest management activity is the result of activities conversion. The activity acreage was edited down from 155 conversion acres so as not to exceed the FMU acres.						
Originates from historic FMU.						
95052	OCTOPUS LEAVE 40S 1	PCT	HAND_CUT	03/01/00	COMPLETED	2.7
Comments:						
Thinned by Nadine Fuller.						
Approximately 271 TPA after thinning.						
Originates from historic FMU.						
95972	OCTOPUS LEAVE 40S 1	PCT	HAND_CUT	03/01/00	COMPLETED	2.4
Comments:						
Thinned by Nadine Fuller.						
Approximately 271 TPA after thinning.						
Other PCT species: DOUGLAS_FIR						
Originates from historic FMU.						
58378	DRUMLINE THIN U3	TIM_HARV	COMMRCL_THIN	01/22/01	COMPLETED	2.0
Comments:						
Originates from historic FMU.						
90761	H 1100 CT U 5	TIM_HARV	COMMRCL_THIN	01/30/03	COMPLETED	7.1
Comments:						
Originates from historic FMU.						
59919	H 1100 THINNING U6	TIM_HARV	COMMRCL_THIN	02/05/03	COMPLETED	0.8
Comments:						
Originates from historic FMU.						
95519	WINFIELD PLOT 0	PCT	HAND_CUT	04/19/04	COMPLETED	59.2
Comments:						
PCT'd by Pearson, Poppe, Huggins, and Rondeau to 300 t.p.a..						
Lower end of unit has large openings w/cascara, willow and vine maple. Turns into nice d. fir and excellent grade hemlock. D-fir dbh = 12", hemlock = 8-10" Spruce alls sizes 5-14"						
Originates from historic FMU.						
311739	FRUIT TREES U6	SITE_PREP	FOLIAR_BROAD	05/20/21	COMPLETED	71.7
Comments:						
Contract #1906; 4 Seasons Forestry						

Material Code	Quantity/Acre	Units
OUST_EXTRA	0.1	LBS
ROUNDUP_CUSTOM	0.2	GALLONS
POLARIS_SP	0.1	GALLONS

303070 FRUIT TREES U6 REGEN HAND\_PLANT 02/09/22 COMPLETED 71.7

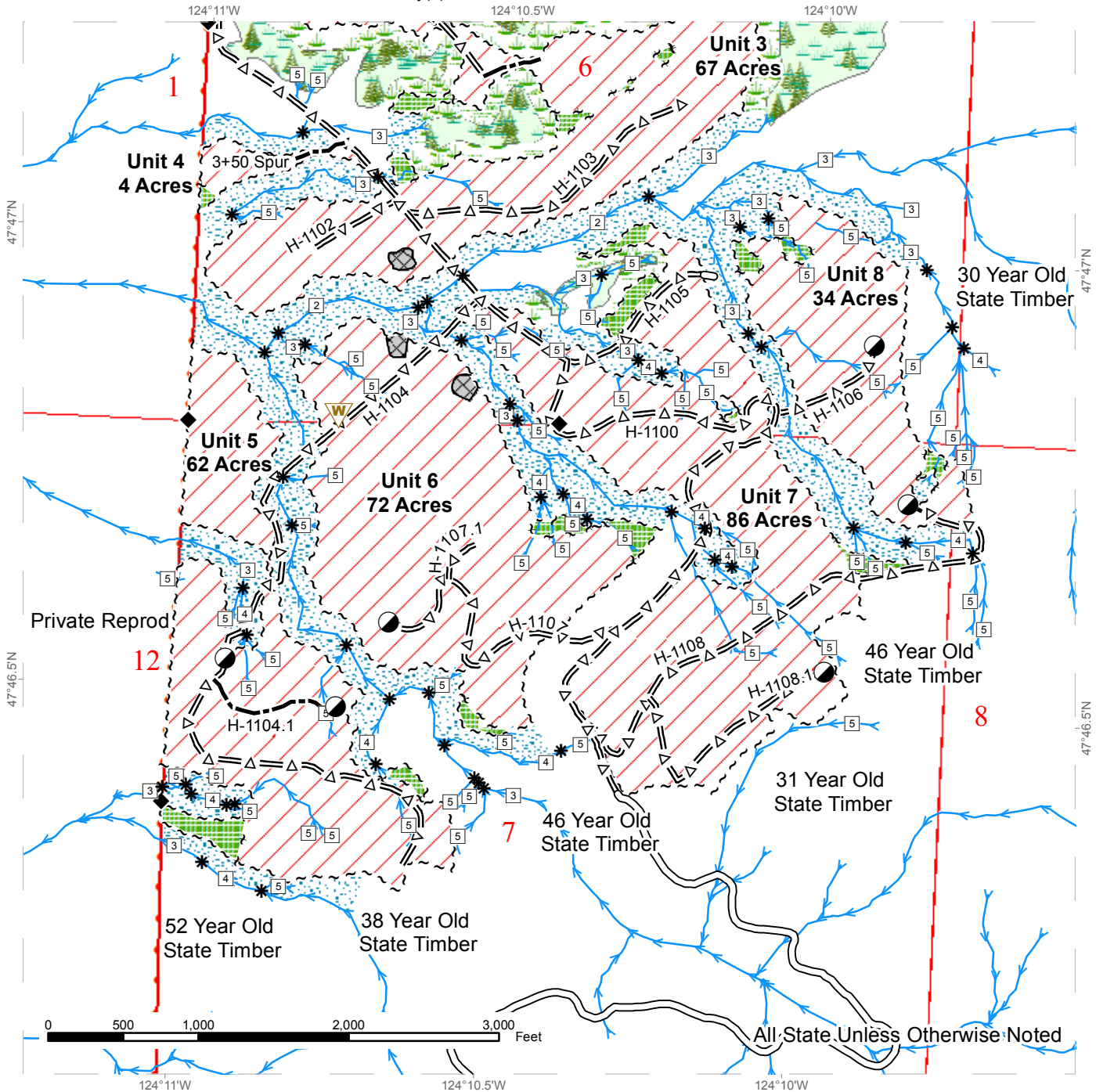
Species	Stock Type	TPA
DOUGLAS_FIR	1+1	300
SITKA_SPRUCE	P+1	60

326569	FRUIT TREES U6	FOREST_SURV	SRVL_ASSMT	10/01/22	PLANNED	71.7
326570	FRUIT TREES U6	FOREST_SURV	VEG_COMP	06/03/24	PLANNED	71.7
326571	FRUIT TREES U6	FOREST_SURV	VEG_COMP	06/05/26	PLANNED	71.7
326572	FRUIT TREES U6	FOREST_SURV	VERIFY_TRGT	10/07/28	PLANNED	71.7

# TIMBER SALE MAP

**SALE NAME:** FRUIT TREES  
**AGREEMENT #:** 30-096301  
**TOWNSHIP(S):** T26R11W  
**TRUST(S):** Common School and Indemnity(3)

**REGION:** Olympic Region  
**COUNTY(S):** JEFFERSON  
**ELEVATION RGE:** 426'-1384'



Stream Type	Timber Sale Boundary Tags	Variable Retention Harvest
Stream Type Break	Leave Tree Tags	Forested Wetland
Survey Monument	Right of Way Tags	Riparian Management Zone
Waste Area	Property Line	Existing Gap
Designated Landing	Timber Type Change	Leave Tree Area
Streams	Existing Roads	Wetland Management Zone
	Optional Pre-Haul Maintenance	
	Optional Construction	



# Riparian Thinning

**Relative Density 80**



**Relative Density 40**





