

So you Bought a forest...now what???



# First Steps for New Forest Owners

## 1. Where to Get Information

2. Professional foresters
3. Aerial photos
4. Resource maps
5. Mapping your land
6. Forest inventory
7. Forest management plan



extensionweb.forestry.oregonstate.edu

OSU Oregon State University

Calendar Library Maps Online Services Make a Gift

Search this site

Search all of OSU

# Forestry & Natural Resources Extension Program

Programs Our People County Extension Centers OSU Extension Contact Us



**Information For...**

- Forest Owners
- Teachers & Learners
- Christmas Tree Growers
- Forest Products Industry
- Homeowners & Communities
- Employees

The Northwest Fire Science Consortium in partnership with FNR Extension - Clackamas Co. hosts a field tour of the 36 Pit Fire that burned over 5,000 acres near Estacada.

Welcome to the Forestry & Natural Resources Extension Program at Oregon State University! Our Extension Agents work everyday to learn about the latest techniques in natural resource management, and then, through educational programs and materials, transfer this knowledge to our client groups, such as forest owners, foresters, other natural resource managers, Christmas tree growers, loggers and forest workers, etc. On this website you will find about some of our marquee programs, such as Master Woodland Manager, Resource Management Planning, Tree School, and more. Check out our calendar of upcoming events, and our

forestry.wsu.edu

Washington State University

## Extension Forestry

Extension Forestry

### Welcome

The WSU Forestry and Wildlife Extension program provides education and information about forest management to private forest landowners as well as the general public. We offer classes, workshops, and field days as well as [publications, videos, and online resources](#) to help you achieve your goals as a forest owner. We invite you to browse the vast resources on this site. If you have questions or need additional information, please don't hesitate to [contact us](#).

### Local Extension Forestry Programs

- [North Central Washington](#) (serving Chelan, Douglas, Kittitas, Okanogan, and Yakima Counties)
- [Northeast and Southeast Washington](#) (serving Spokane, Ferry, Stevens, Pend Oreille, Columbia, Garfield, and Asotin Counties)
- [North Puget Sound](#) (serving King, Snohomish, Skagit, Island, San Juan, and Whatcom Counties)

### Forest Stewardship University

Forest Stewardship University offers a complete online education experience, featuring over 20 online mini-courses on a wide range of topics specific to Washington forests.

### Announcements and Events

#### 2016 Forest Stewardship Coached Planning

- [Yashon](#) - Wednesdays starting March 2nd
- [Everett](#) - Tuesdays starting March 29th
- [Deming](#) - Thursdays starting September 15th
- [Preston](#) - Tuesdays starting September 27th

#### 2016 Forest and Range Owners Field Day

- [Colville](#) - Saturday, June 25 ([Forest Range Brochure/Registration](#); Schedule coming soon!)
- [Sequim](#) - Saturday, August 20 ([Brochure/Registration](#); Schedule coming soon!)

WSU Extension Publications I Want To Give

Home North Puget Sound Region Forest Stewardship University Resources Faculty and Staff

### *Information About...*

**Estate and Succession Planning**

**Reducing Fire Hazard**

**Forest Certification**

**Oregon Forests and Climate  
Change**

**Forest Health**

**Forest Management Planning**

**Forest Protection Laws**

**Identifying Trees**

**Logging and Selling Timber**

**Non-timber Forest Products**

**Planting Trees**

**Thinning Your Forest**

**Urban and Yard Trees**

**Weeds and Invasive Plants**

**Wildlife Habitat**

### *Online Learning Resources*

**Alternative Forest Management**

**How to Manage Your Forest**

**Oregon Forest Management  
Planning**

**Forest Income Opportunities**

**Wood-Based Composite Science  
Short Course Series**

**Master Naturalist**

**Online Publications**







Northwest Natural Resource G... X

Organization: Titcomb Fa... X

NCF Di's Farm questionna... X

Northwest Natural Resour... X

+

←

i

nnrg.org

↻

🔍 technical service provider

→

☆

📄

🛡️

⬇️

🏠

🌐

⌵

😊


💬

☰

🐦

f

in



Northwest  
Natural Resource  
Group

ABOUTSERVICESBLOGSUPPORTRESOURCES

🔍

⏪

NNRG helps you to optimize the economic & ecological potential of your forest

⏩

GET STARTED

How Can We Help You?



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**

**PETER GOLDMARK**  
COMMISSIONER OF PUBLIC LANDS

Search here...

**PROGRAMS AND SERVICES**

**ABOUT**

**MANAGED LANDS**

**EMPLOYMENT**



Home | **Forest Practices**

### Small Forest Landowners

Alternate Plans

Fish Passage

Riparian Easements

Rivers and Habitat

Stewardship

Habitat Conservation Plan

Cultural Resources

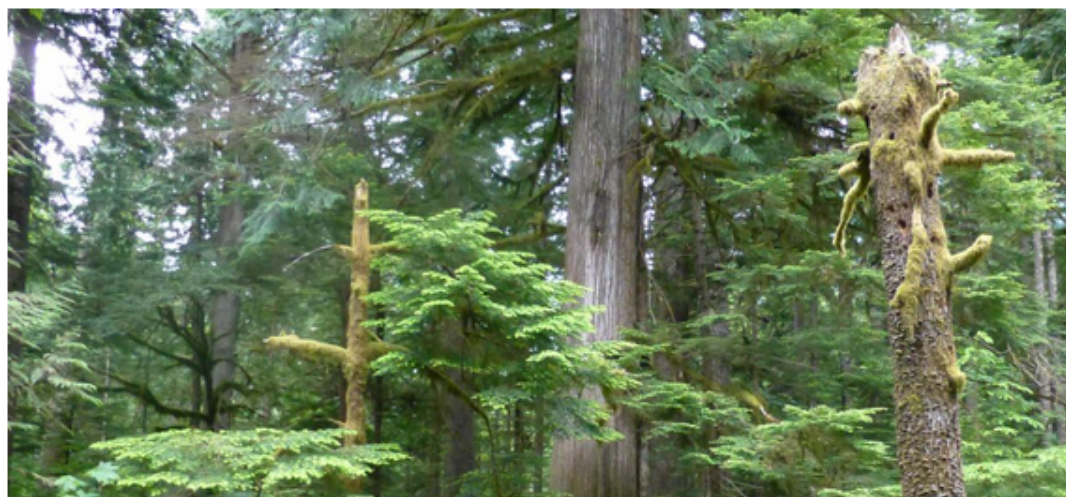
Adaptive Management

GIS Forest Practices Data

Review Applications (FPARS)

Compliance Monitoring

## Small Forest Landowner Office



Small forest landowners own 3.2 million acres of Washington forests – about half the private forestland in the state. The Small Forest Landowner Office supports those landowners by

### CONTACT

**Tami Miketa**  
**SFLO Manager**  
MS BOX 47012  
Olympia, WA 98504-7012  
[360-902-1415](tel:360-902-1415)  
Fax 360-902-1428  
[sflo@dnr.wa.gov](mailto:sflo@dnr.wa.gov)

[Small Forest Landowner  
Assistance Request](#)

### RELATED LINKS

[Calendar of Events](#)

[Consulting Forester Directory](#)

[Small Forest Landowner  
Advisory Committee](#)

[Basic Forestry Inventory  
Techniques for Family](#)



Oregon Department of Forestry / Working Forests / Helping Landowners

# Helping Landowners

- About Us
- Board & Committees
- Fire
- Working Forests
  - E-Notification
  - Find a Forester
  - Forest Practices Act
  - Helping Landowners
  - Timber Sales
  - Replanting Forests
  - Seed Programs
  - State Forests
  - Firewood
  - Special Forest Products
- Recreation
- Forest Benefits

Financial incentives and technical assistance programs help private forest owners obtain their goals for responsibly managing natural resources.

Assistance and incentive programs focus on helping landowners meet management objectives such as:

- Protecting forests from insect and disease infestation
- Increasing the monetary value of forestland and other natural resources
- Increasing the environmental quality and value of forestland and natural resources

Programs are administered by a variety of different sources and the amount of financial assistance available varies. For information about receiving assistance after a wildfire, please visit the [Help After a Fire](#) page.

Contact the Private Forests Division for additional questions about each program, and to determine if you are qualified to receive financial assistance.

## Financial help

### Grow and manage forests

[Grow a new forest](#)

[Plan your responsible forest management](#)



## Resources

[Grants & incentives](#)

[Know Your Forest](#)

## Contact

Private Forests Division  
2600 State Street

# Forest Management Planning

*Goals*

*Objectives*

*Maps*

*Resource Conditions*

*Tax and Business*

*Where to Get Help*

*Action Plans*

*Notes and Pictures*

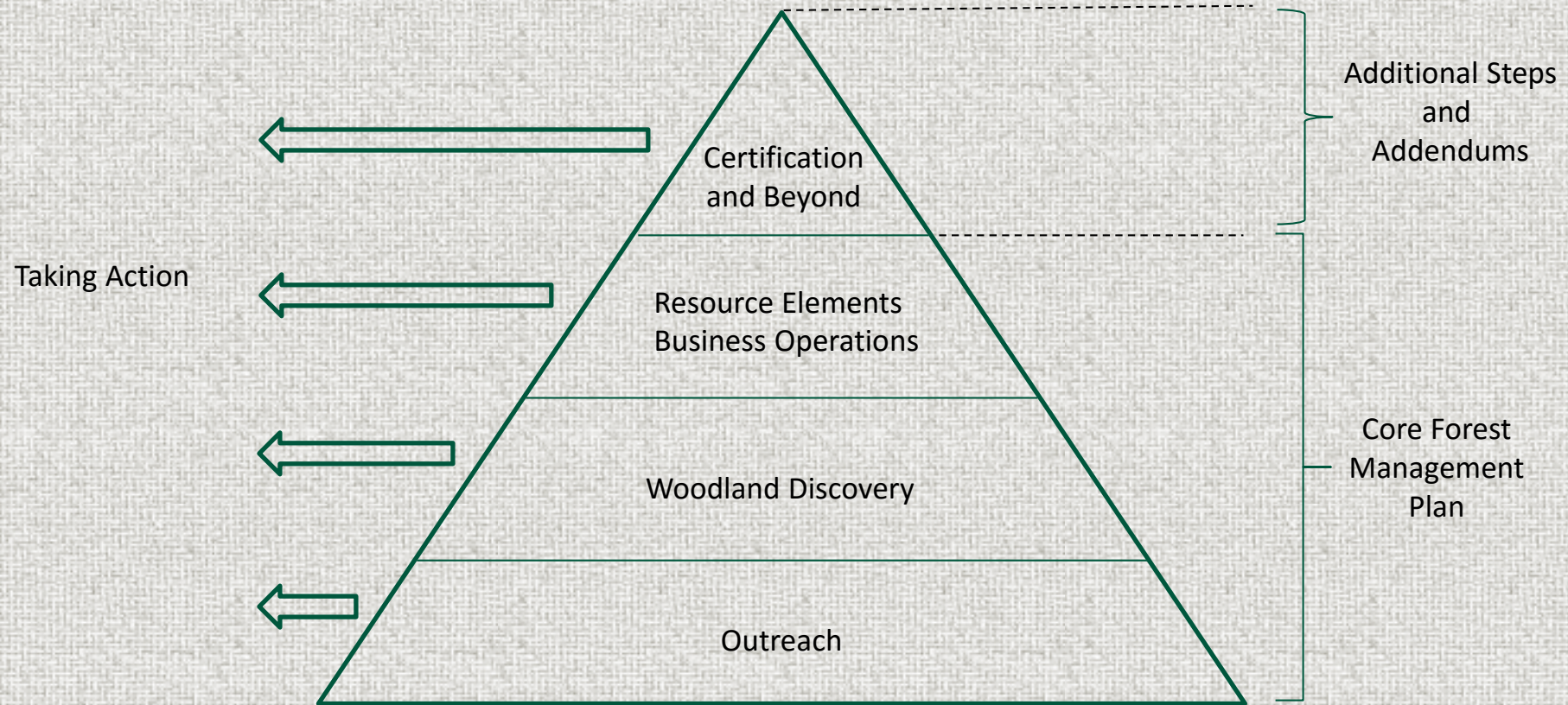


## Benefits of a Management Plan

- *Connects You to Your Forest*
- *Communication Tool with Family*
- *Access to Financial Assistance*
- *Tax Benefits*
- *Document Management History*
- *Certification Programs (Tree Farm, FSC)*

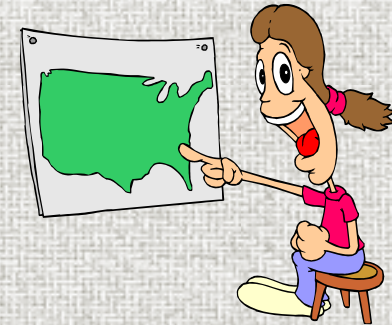


# Pathways to Stewardship



# Start with the Basics

- *Landowner, Property and Plan Information*
- *Property Description*
- *Goals and Objectives*
- *Maps and Photos*
- *Where to Get Help*



# Woodland Discovery – Property Description

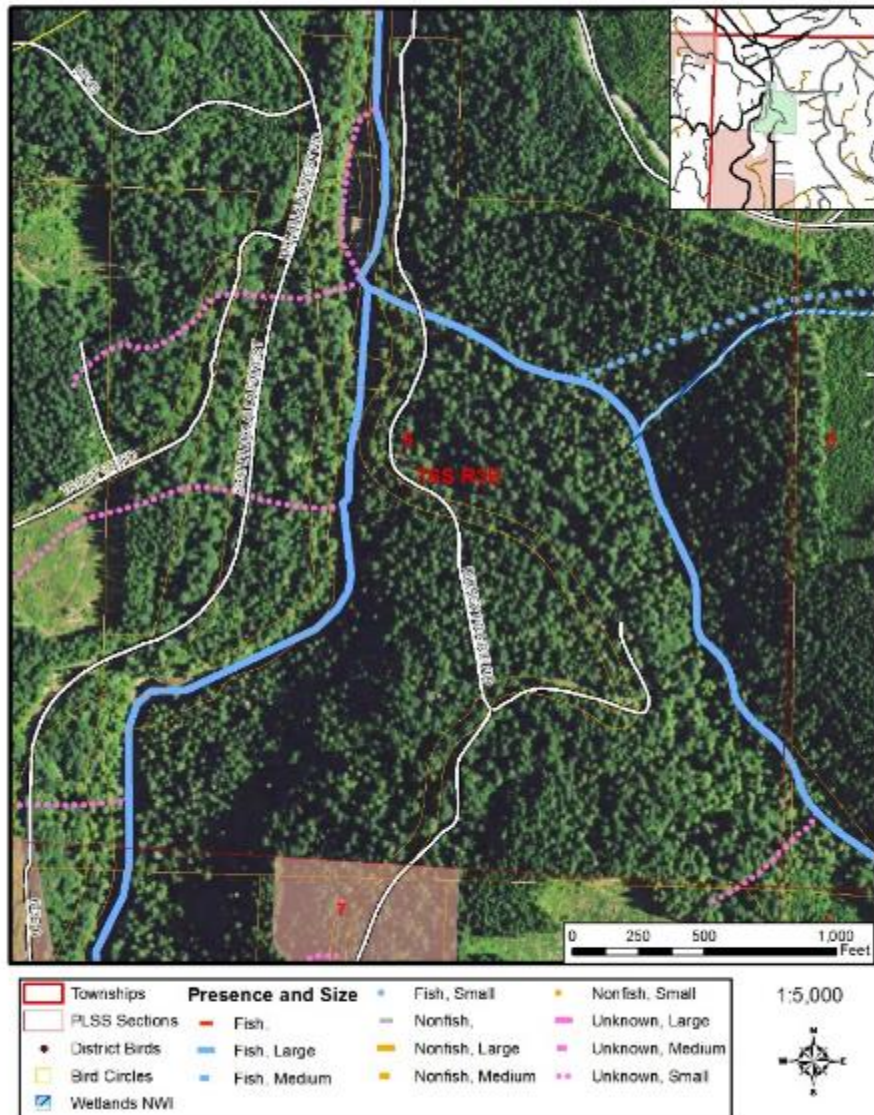
## *How Do You Describe Your Property to Others*

- Background and History*
- General Description of Your Forest*
- Terrain and Topography*
- Current Uses of Your Forest*
- Landscape Context (How Others View the Importance of Your Forest)*





Landowner Basemap



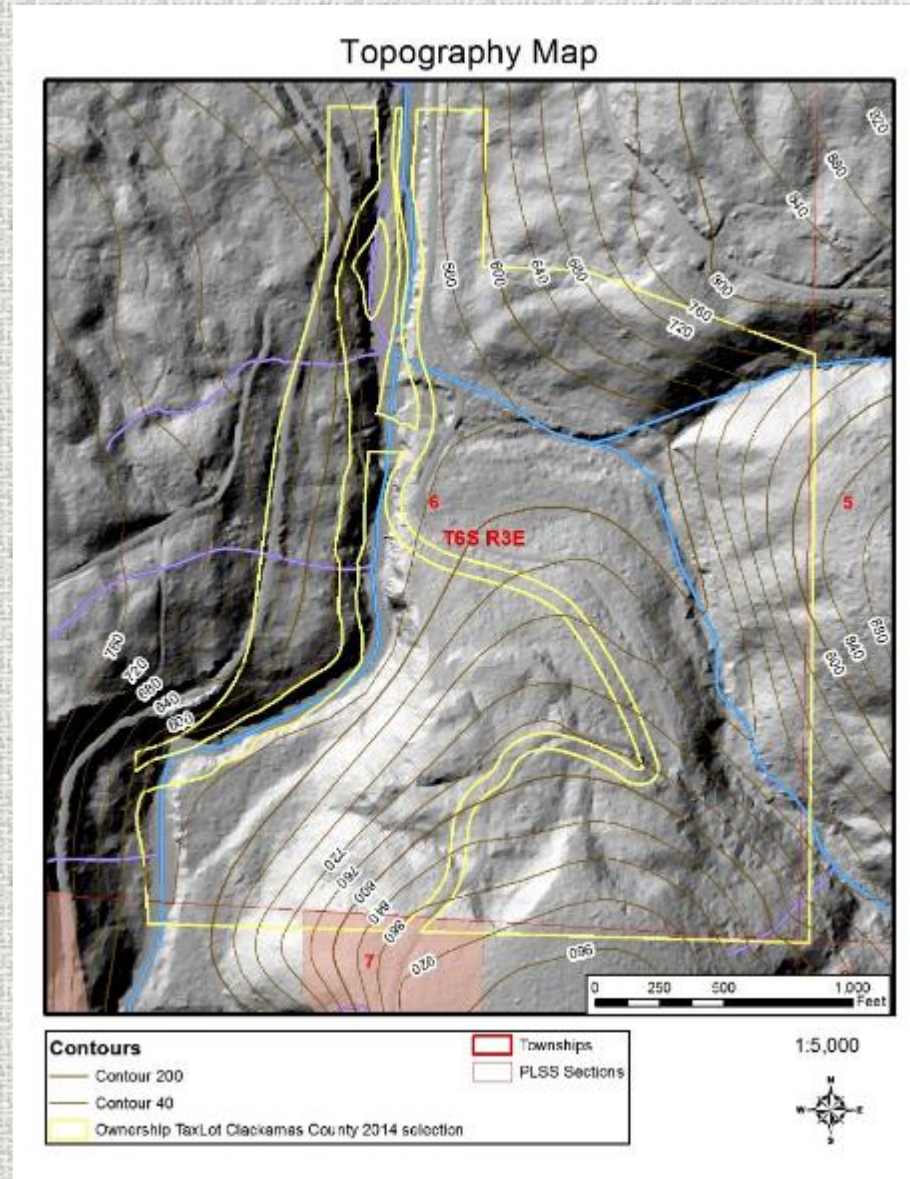
## Base Map

- 2014 Aerial Photo
- Fish streams
- Major roads
- Ownership boundary
- Inset of surrounding area

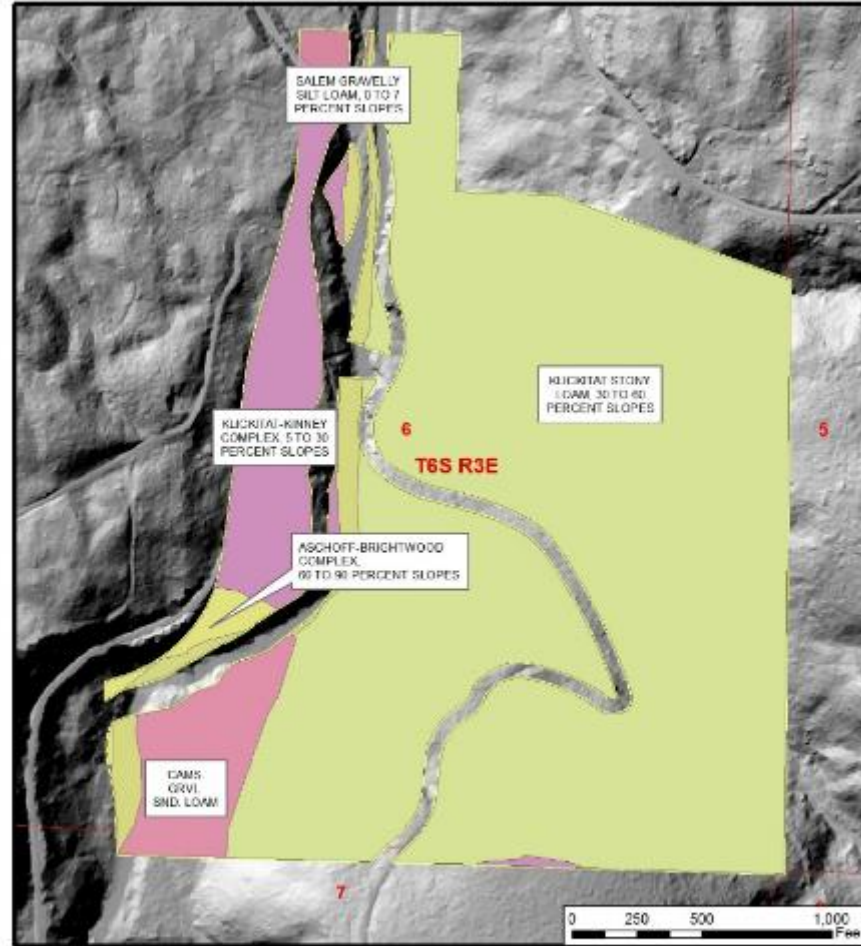


# Topo Map

- 40 foot contour lines
- Hill shade from Lidar
- Ownership outline
- Streams



## Soils Map



### Soil Types

ASCHOFF-BRIGHTWOOD COMPLEX, 90 TO 95 PERCENT SLOPES	KLUCKITAT STORY LOAM, 36 TO 60 PERCENT SLOPES
CAMAS GRAVELLY SANDY LOAM	SALEM GRAVELLY SILT LOAM, 0 TO 7 PERCENT SLOPES
WATER	Taxlot Boundary

1:5,000

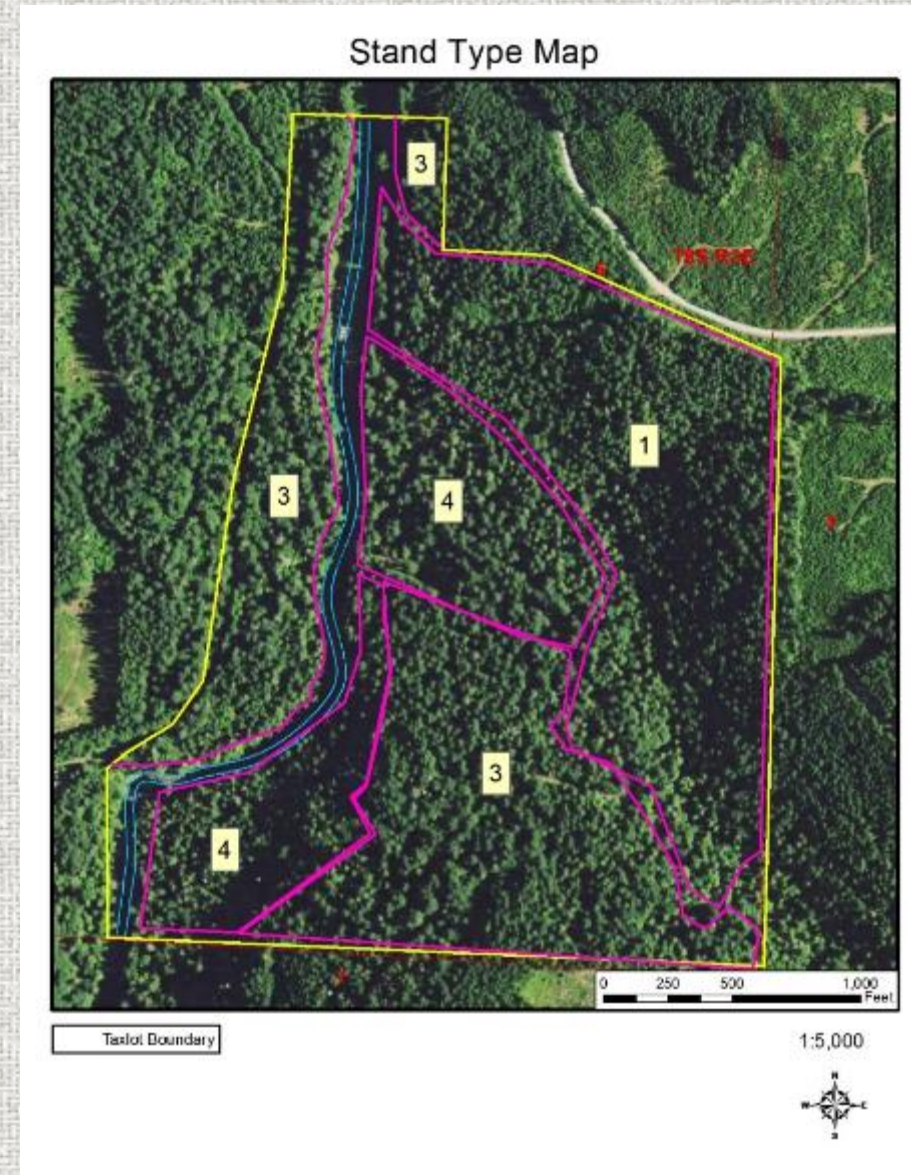


## Soils Map



# Stand Type Map

- 4 types as determined by my analysis and judgment
- Highly subjective
- Done using only aerial photo and tree height data from Lidar
- Can be refined with ground trothing or cruise data
- Good place to start





# Goals

- Statement of intent; big picture
- Very broad & general



## Example Goals

- Grow trees and produce income
- Improve woodland roads
- Protect soil and water resources
- Improve forest health
- Maintain recreation opportunities
- Develop vegetative and structural complexity
- Get family involved on property
- Pass property intact to next generation



# Objectives

- Statement of intent to accomplish goals
- Specific
- Defines
  - What?
  - When?
  - Where?
  - How much?



## Example Objectives

- Produce \$10,000 in after-tax income each year for the next 5 years
- Develop 10 acres of black tail deer browse habitat within 7 years
- Rock roads throughout property within 15 years
- Convert 30 acre pasture to mixed conifer stand in 5 years



# Matching Goals and Objectives with Needs and Opportunities



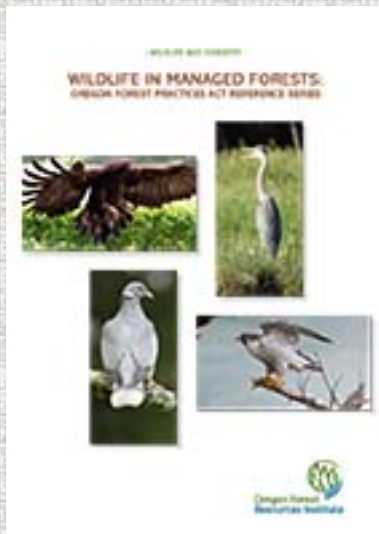
Need



Opportunity



# Regulatory Compliance



A screenshot of the Washington State Department of Natural Resources website. The header is dark blue with the department's logo and name. Below the header is a navigation bar with links for "PROGRAMS AND SERVICES", "ABOUT", "MANAGED LANDS", and "EMPLOYMENT". A search bar is on the right. The main content area has a white background with a navigation bar for "Home", "Forest Practices", and "Review Applications (FPARS)". Below this is a section titled "Forms and Instructions" with a link to "Forest Practices Forms and Instructions". To the right of this section is a list of links for various forms and instructions, including "Forest Practices Application/Notification (FPA/N)", "Forest Practices Application/Notification (FPA/N) Fees", "Western Washington Forest Practices Application/Notification", "Western Washington Forest Practices Application/Notification Instructions", "Eastern Washington Forest Practices Application/Notification", "Eastern Washington Forest Practices Application/Notification Instructions", "CMZ Assessment Form", "Slope Stability Informational Form", "Stream Shade Assessment Worksheet", "Activity Map Standards", and "Print an Activity Map (How to disable popup blockers)".



# First Steps for New Forest Owners

1. Educational Resources
2. Professional foresters
3. Aerial photos
4. Resource maps
5. Mapping your land
6. Forest inventory
7. Forest management plan



WSU Extension  
Publications  
I Want To Give

Home  
North Puget Sound Region  
Forest Stewardship  
University  
Resources  
Faculty and Staff

Washington State University

## Extension Forestry

Extension Forestry » Forestry Consulting Directory

Share Print

### Forestry Consulting Directory

The Washington State Consulting Forester and Silvicultural Contractor Directory is a compilation of forestry professionals around Washington State who provide the professional services to private forest landowners. The directory includes specific information for each of the professionals, including contact information, services provided, bonding and insurance information, experience, and counties served. Inclusion in the directory is voluntary. All information is provided by the forestry professionals themselves.

[Continue to Consulting Directory >](#)

#### Disclaimer:

The firms or individuals listed herein are engaged in forestland related work in Washington State. Consultants and contractors working for a private landowner do not represent or speak for Washington State University. Washington State University is not responsible for nor guarantees the quality, accuracy, or cost of the services provided by any of the consultants listed below. Information presented in this directory was provided by the individual service providers and is published on as "as-is" basis. Washington State University did not verify the validity of the information provided. Information is current as of **12/31/2015**.

#### About Consulting Foresters

A consulting forester provides professional forest management services to landowners. These services may include management plan writing, timber sale administration, permitting, timber marketing, inventory and appraisal, property mapping, management advice, coordination of contractor services, and other tasks.

[Learn More](#)





College of Forestry

Forestry Extension

OWIC

Wood Science &amp; Eng.

# Oregon Forest Industry Directory



Home

Companies

Companies That Sell

Companies That Buy

Services

Logs for Sale

Classified Ads

Welcome to the new and improved **Oregon Forest Industry Directory**! The directory was first launched in 2004 and after 10 years was in need of updating and upgrading. We spent the first ½ of 2014 updating the directory listings, improving the searchability, and adding new features like the location of listings on a map. [Let us know what you think.](#) And you can see what other users of the directory are saying on our [comments page](#).

The Oregon Forest Industry Directory facilitates the establishment of *business connections* between the broad array of interests in Oregon's forestry sector. The Directory serves a number of purposes including:

- Helping *woodland owners* find contact information for log buyers, non-timber forest product buyers, and forestry consultants & contractors;
- Assisting the primary manufacturing industry (*sawmills, plywood mills, log home builders, and chipping contractors*) to find sources of logs and buyers for their products;
- Helping secondary/value-added firms (*moulding, millwork, furniture and cabinet makers*) find sources of lumber, panel products, and other raw materials;
- Enabling *entrepreneurs and architects* to find the suppliers and partners they need to commercialize a product/project;
- Providing the *general public* with information on local producers of custom cabinets, rustic furniture, boughs for wreaths, and much more.

In the end, fostering better 'connections' will lead to a more vibrant Oregon forestry sector.

Corrections, omissions or comments relative to this directory should be addressed to the [administrator](#).

The *Oregon Forest Industry Directory* is developed and maintained by the [Oregon Wood Innovation Center](#) at Oregon State University.

**Disclaimer** - Inclusion of firms here does not constitute endorsement of the firm. Information is reported as received from the companies and individuals listed here.



Search USDA

Go

TechReg Resources

- ▶ TSP Registration  
Step-by-Step Guide
- ▶ Categories & Criteria  
Options
- ▶ Conservation Activity Plan  
Options
- ▶ State TSP Coordinators

TSP Program Website

- ▶ Field Office Technical  
Guide (FOTG)

Training Resources

- ▶ Register for AgLearn
- ▶ Access the AgLearn Web  
Site
- ▶ Training Opportunities  
Web Page

Feedback

- ▶ Comment to TechReg  
Team

## Locate Technical Service Providers

Instructions: Please select from the list below.

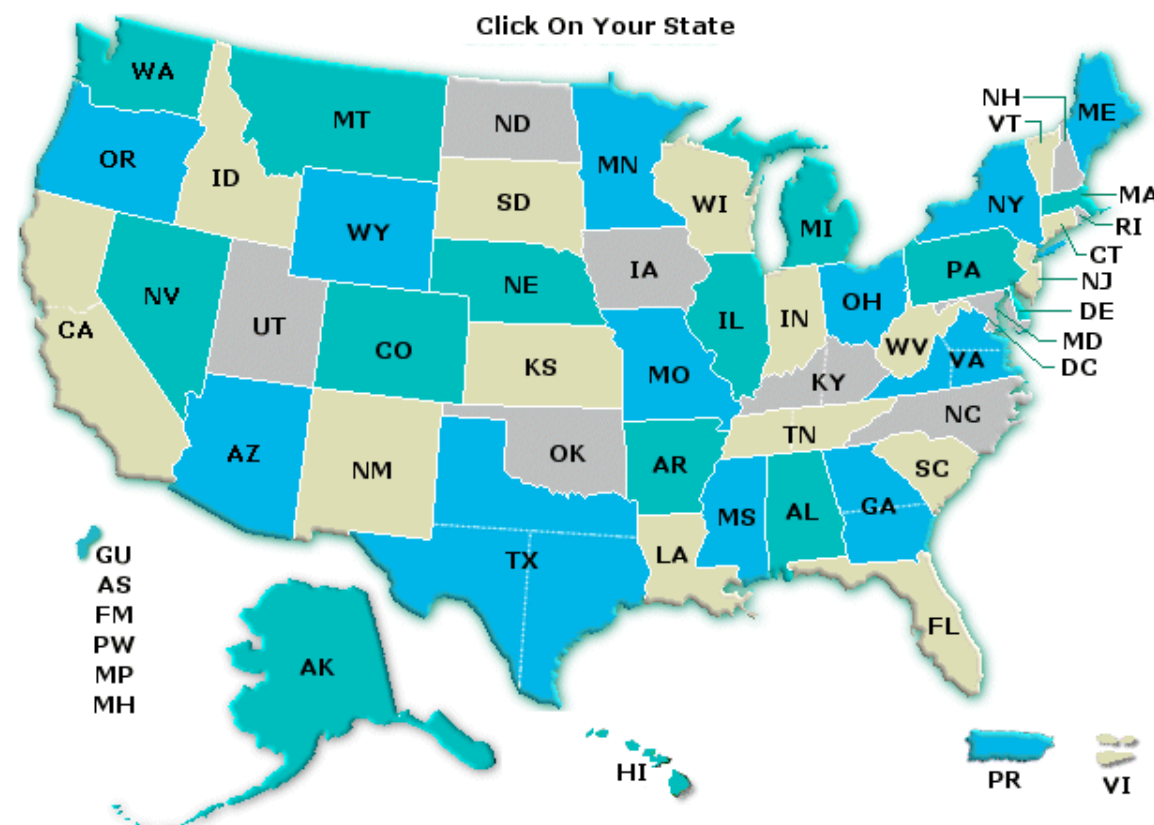
TSP Groups:

Or...

Please click on the map below.

### State Technical Service Provider Map

Click On Your State







SINCE 1948

[ABOUT US](#) [FIND A FORESTER](#) [MEMBERSHIP](#) [INSURANCE PROGRAM](#) [CALENDAR](#) [EVENTS](#)

[Sign In](#)

[Help](#)



# WE Join YOU

Whether you're a landowner looking for a consultant,  
or a consultant looking for a community, you've come  
to the right place.

Registration for the Annual Conference  
held June 11-14, 2016 in Mobile, AL is  
now open!



[Consulting Forestry?](#)

Discover what a

[Need a Forester?](#)

Use our search query

[Interested in Joining?](#)

Learn about the

[What is PFI?](#)

Learn about our





Find a CERTIFIED FORESTER

Continuing Education

Submit a Complaint

Online Renewal

Standards of Practice

Promotional Resources



Becoming a CERTIFIED FORESTER



Hiring a CERTIFIED FORESTER

🖨️ print version

## Find a Certified Forester

### SEARCH

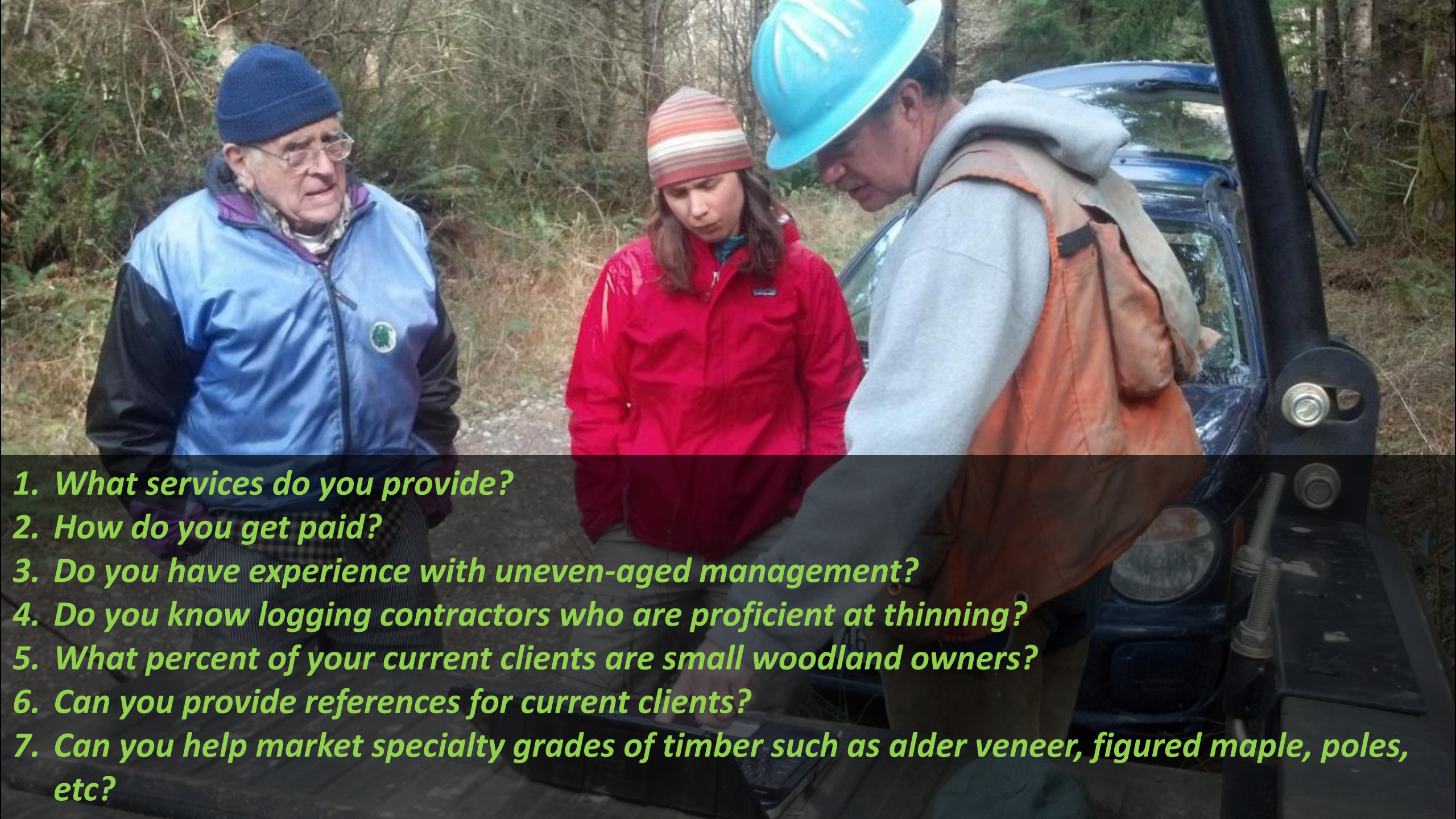
Only those individuals who voluntarily apply for and meet **Society of American Foresters' Certified Forester® Program** requirements and Standards of Professional Practice are located by this search. The term Certified Forester® is a registered certification mark as authorized by the US Patent and Trademark Office.

Use one or all of the fields below to search for Certified Foresters by name or location.

Last Name:

City:





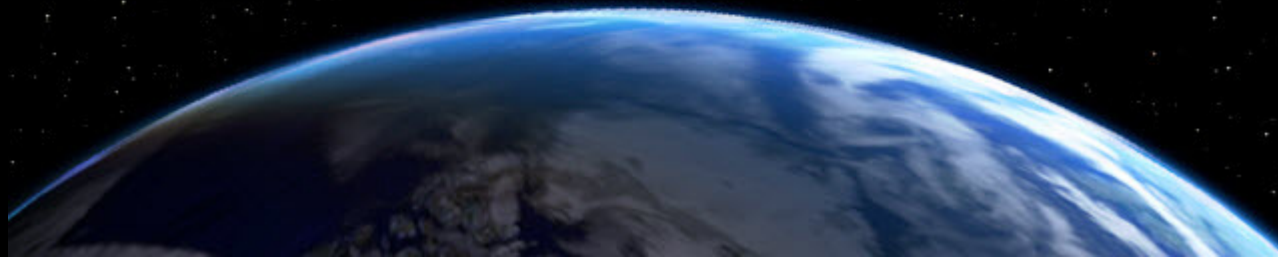
- 1. What services do you provide?*
- 2. How do you get paid?*
- 3. Do you have experience with uneven-aged management?*
- 4. Do you know logging contractors who are proficient at thinning?*
- 5. What percent of your current clients are small woodland owners?*
- 6. Can you provide references for current clients?*
- 7. Can you help market specialty grades of timber such as alder veneer, figured maple, poles, etc?*

# First Steps for New Forest Owners

1. Educational resources
2. Professional foresters
3. Aerial photos
4. Resource maps
5. Mapping your land
6. Forest inventory
7. Forest management plan



Google™ earth





▼ Search

600 Harp Road, Oakville, WA Search

ex: pizza near NYC

Get Directions History

600 Harp Rd

Icons for map actions: pan, zoom, street view, etc.

▼ Places

- [-] FWS Wetlands & Riparian De
- [+] SoilWeb  
Streaming, seamless interface to USDA-NCSS
- [+] USGS Topographic Maps
- [+] New FMP Maps
- [+] Old FMP Maps
- [+] o46123a7

Search bar and navigation arrows for the Places list.

▼ Layers Earth Gallery >>

- [x] Primary Database
- [x] Voyager
- [x] Borders and Labels
- [x] Places
- [x] Photos
- [x] Roads
- [x] 3D Buildings
- [x] Ocean
- [x] Weather
- [x] Gallery

Top toolbar with icons for various map functions like pan, zoom, and data overlays.



Sign in

Navigation controls on the right side of the map, including a compass, a hand icon for panning, a person icon for street view, and a vertical zoom slider.

819 ft

© 2016 Google

Google earth



▼ Search

600 Harp Road, Oakville, WA Search

ex: pizza near NYC

Get Directions History

600 Harp Rd



▼ Places

WFS Wetlands & Riparian D

SoilWeb

Streaming, seamless interface to USDA-NCSS

USGS Topographic Maps

New FMP Maps

Old FMP Maps

o46123a7



▼ Layers

Earth Gallery >>

Primary Database

Voyager

Borders and Labels

Places

Photos

Roads

3D Buildings

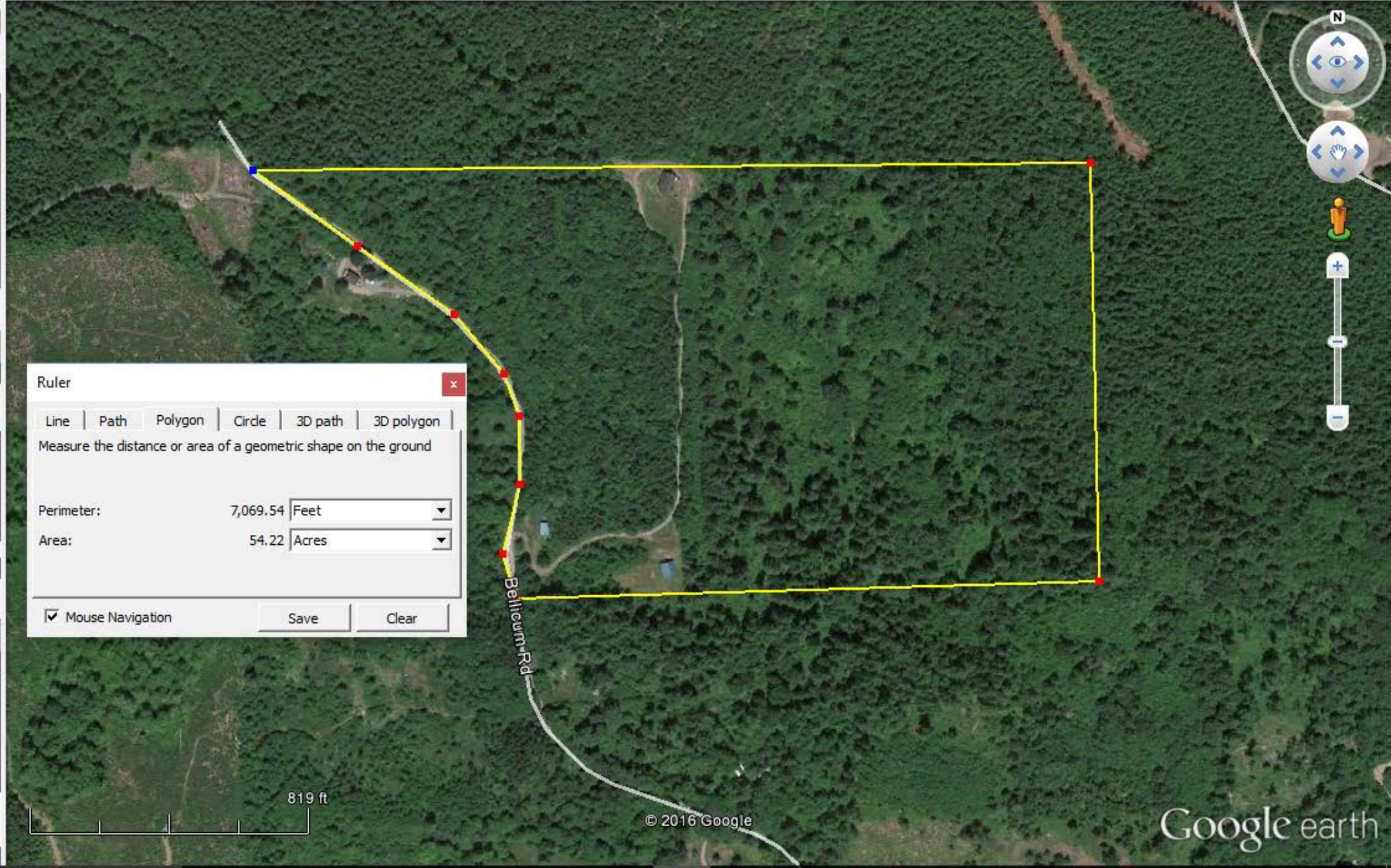
Ocean

Weather

Gallery



Sign in



Ruler

Line | Path | Polygon | Circle | 3D path | 3D polygon |

Measure the distance or area of a geometric shape on the ground

Perimeter: 7,069.54 Feet

Area: 54.22 Acres

☒ Mouse Navigation

Save Clear



819 ft

© 2016 Google

Google earth



▼ Search

600 Harp Road, Oakville, WA Search

ex: pizza near NYC

Get Directions History

600 Harp Rd

Icons for sharing and printing

▼ Places

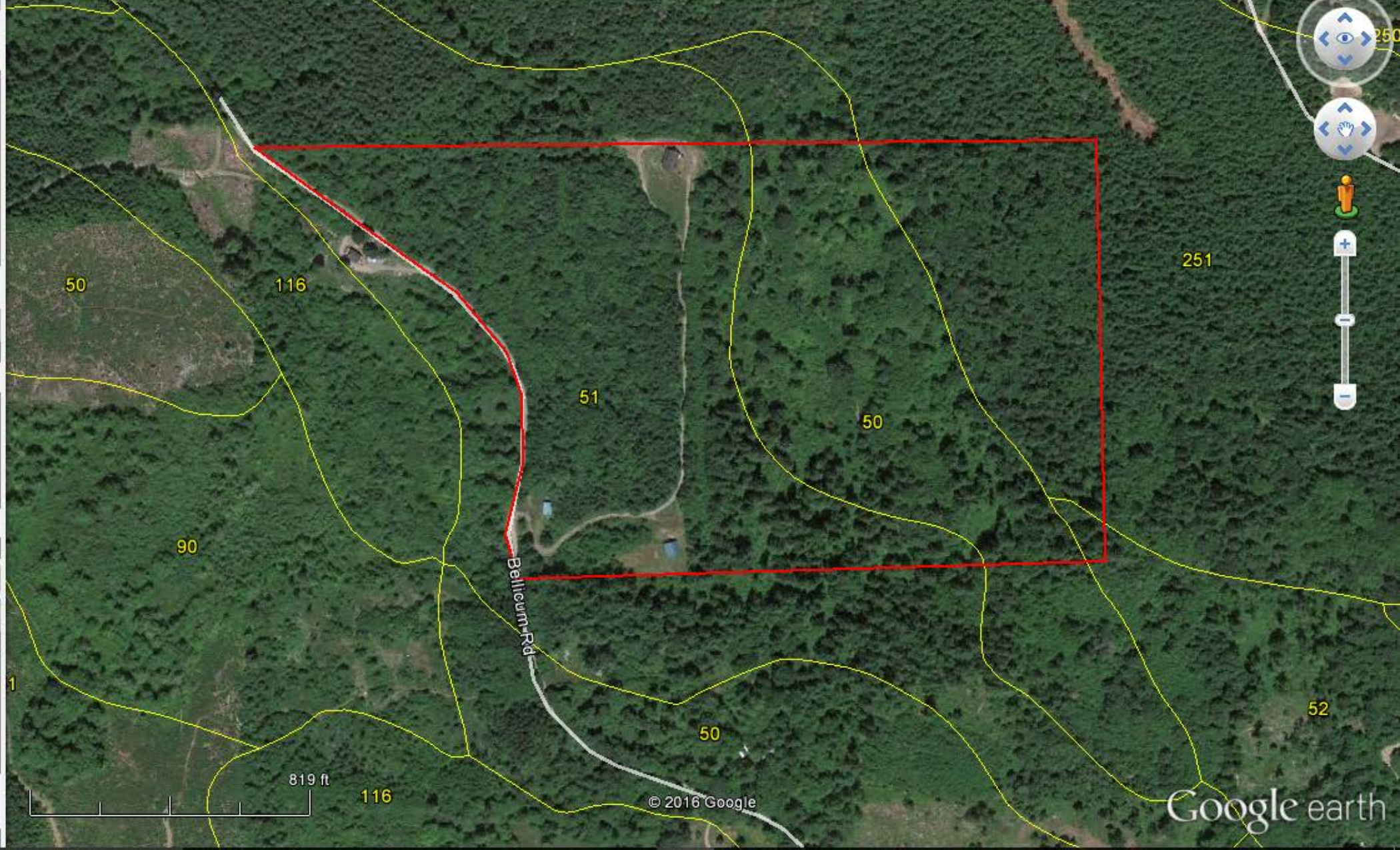
- PARLAY Parcels  
Zoom in to view.  
<http://reportallusa.com/>
- FWS Wetlands & Riparian Data
- SoilWeb  
Streaming, seamless interface to USDA-NCSS
- USGS Topographic Maps
- New FMP Maps

▼ Layers

- Primary Database
- Voyager
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery

Icons for various map tools and data layers

SSURGO | wa641 | 0.18 seconds | 0.57 cache ratio | BBOX:(-122.3762, 46.5545) (-122.3583, 46.5622) | 291 acres



Sign in









Navigation controls including a compass, a hand icon for panning, a person icon for street view, and a vertical zoom slider.













Search

[Get Directions](#) [History](#)

\_\_\_\_\_

- ☒  Map Unit Polygons
- ☒  [Point Data](#)  
OSD Type Locations  
and NCSS-KSSL
- ☒  Status Display
- ☒  [USGS Topographic Maps](#)
- ☐  New FMP Maps
- ☒  Old FMP Maps
- ☐  [o46123a7](#)
- ☐  Alaska

**Earth Gallery** >>

☒  Primary Database  
☐  [Voyager](#)  
☒  Borders and Labels  
☒  Places  
☐  Photos  
☒  Roads  
☐  3D Buildings  
☐  Ocean  
☐  Weather  
☐  Gallery

```
SSURGO | wa641 | 0.18 seconds | 0.57 cache ratio | BBOX:(-122.3762, 46.5545) (-122.3583, 46.5622) | 291 acres
```



Components within map unit 74445

Cinebar (95%)  
Humic Haploxerands



© 2016 Google





▼ Search

600 Harp Road, Oakville, WA Search

ex: pizza near NYC

Get Directions History

600 Harp Rd

▼ Places

- ☐ GPC - Cowling Creek
- ☐ Hanson
- ☐ Heernett
- ☒ Heller
- ☐ Heller CAP - 70 acres
- ☐ o46122e4
- ☒ o46122e3
- ☐ Hydrology
- ☐ Plots
- ☐ FMI Ic

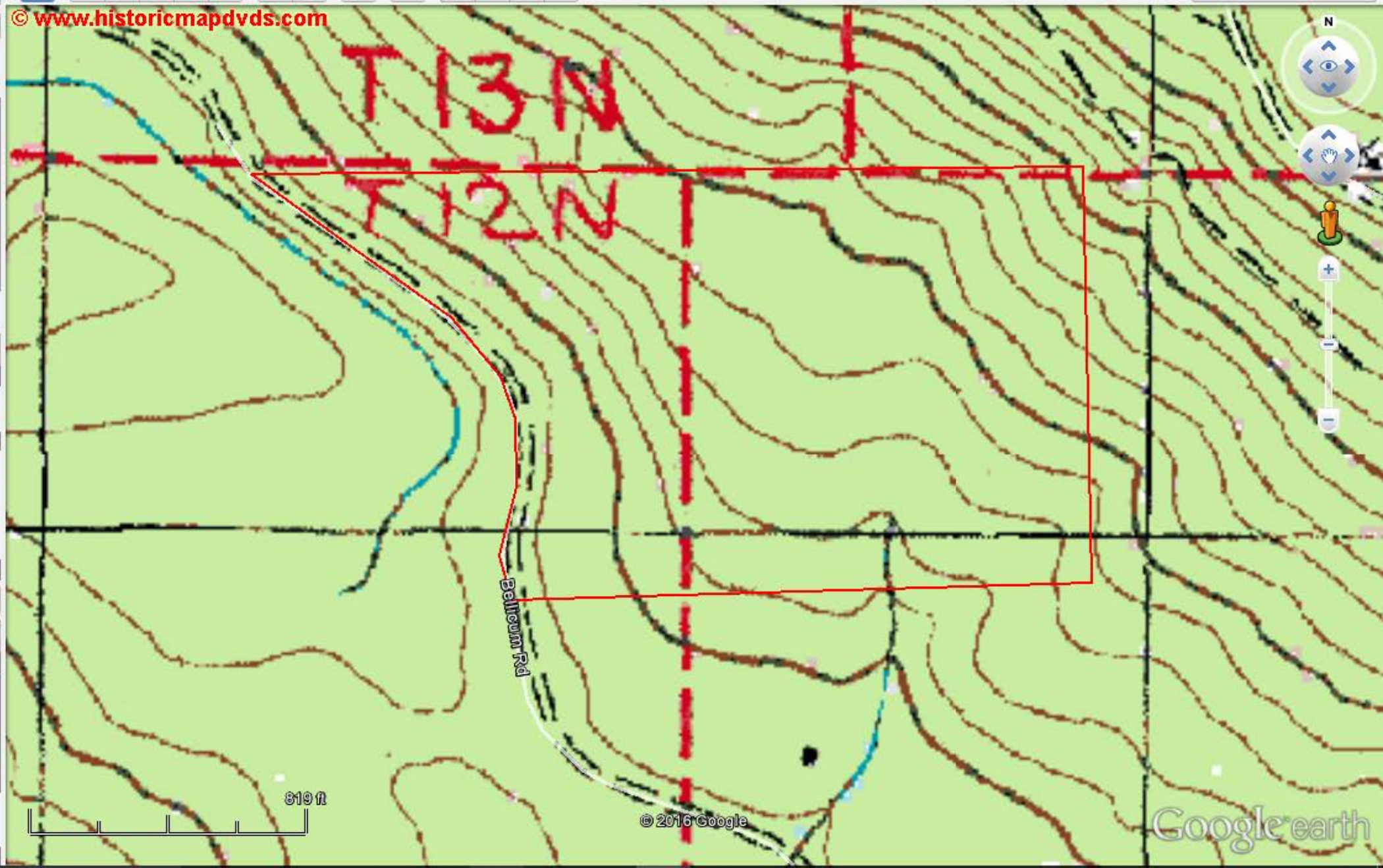
▼ Layers

Earth Gallery >>

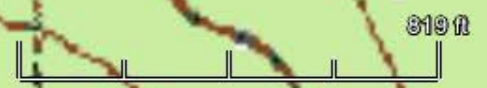
- ☒ Primary Database
- ☐ Voyager
- ☒ Borders and Labels
- ☒ Places
- ☐ Photos
- ☒ Roads
- ☐ 3D Buildings
- ☐ Ocean
- ☐ Weather
- ☐ Gallery



© www.historicmapdvds.com



Sign in



© 2016 Google

Google earth



# LEWIS COUNTY

— est. 1845 —

[Contact Us](#) | [Phone List](#) | [Site Map](#) | [RSS](#)

## Government

OFFICES &amp; DEPARTMENTS

## Web Services

WEB BASED RESOURCES

## Resources

VISITORS &amp; RESIDENTS



Search...



(360) 740-1392

ADDRESS

## Assessor Services

[Parcel Maps](#)[Tax Summary Archive](#)

## Assessor Pages

[Assessor's Blog](#)[Assessor's Calendar](#)[Assessor's FAQ](#)[About the Assessor](#)[Appraisal Department](#)[Destroyed Property Form](#)[Open Space Act](#)[Senior / Disabled Persons  
Exemption](#)[Segregation Mapping](#)[Property Tax Levy Information](#)

## LEWIS COUNTY ASSESSOR

[Parcels](#)[Tax Summary Archive](#)

The mission of the Lewis County Assessor's Office is to appraise all property equally and fairly, maintaining accurate assessment information for taxation purposes, while being courteous and professional to Lewis County taxpayers. [more »](#)

## News & Notices

[More →](#)

*Mar 7 Destroyed Property Forms Available Through Assessor's Office*

*Feb 9 Revaluation Notices Reveal New Property Values for 2016 Tax Year*

*Jan 9 East Lewis County Hospital and Fire Districts meet to avoid prorationing*

*Dec 9 Property Damaged by flood or other circumstances*

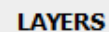
## Meet Dianne Dorey



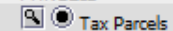
"As your County Assessor, my goals are to educate the public in property taxation, participate in statewide legislation to improve the taxation system, install

technology to improve our service to the public and give quality customer service on-line as well

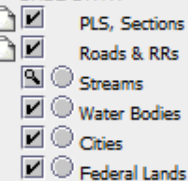
## SEARCH



## PARCELS



## BASE DATA



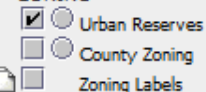
CONTENTS



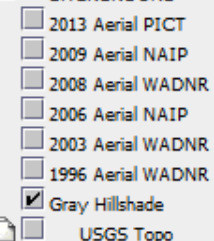
## CRITICAL AREAS



## ZONING



☒ BACKGROUND

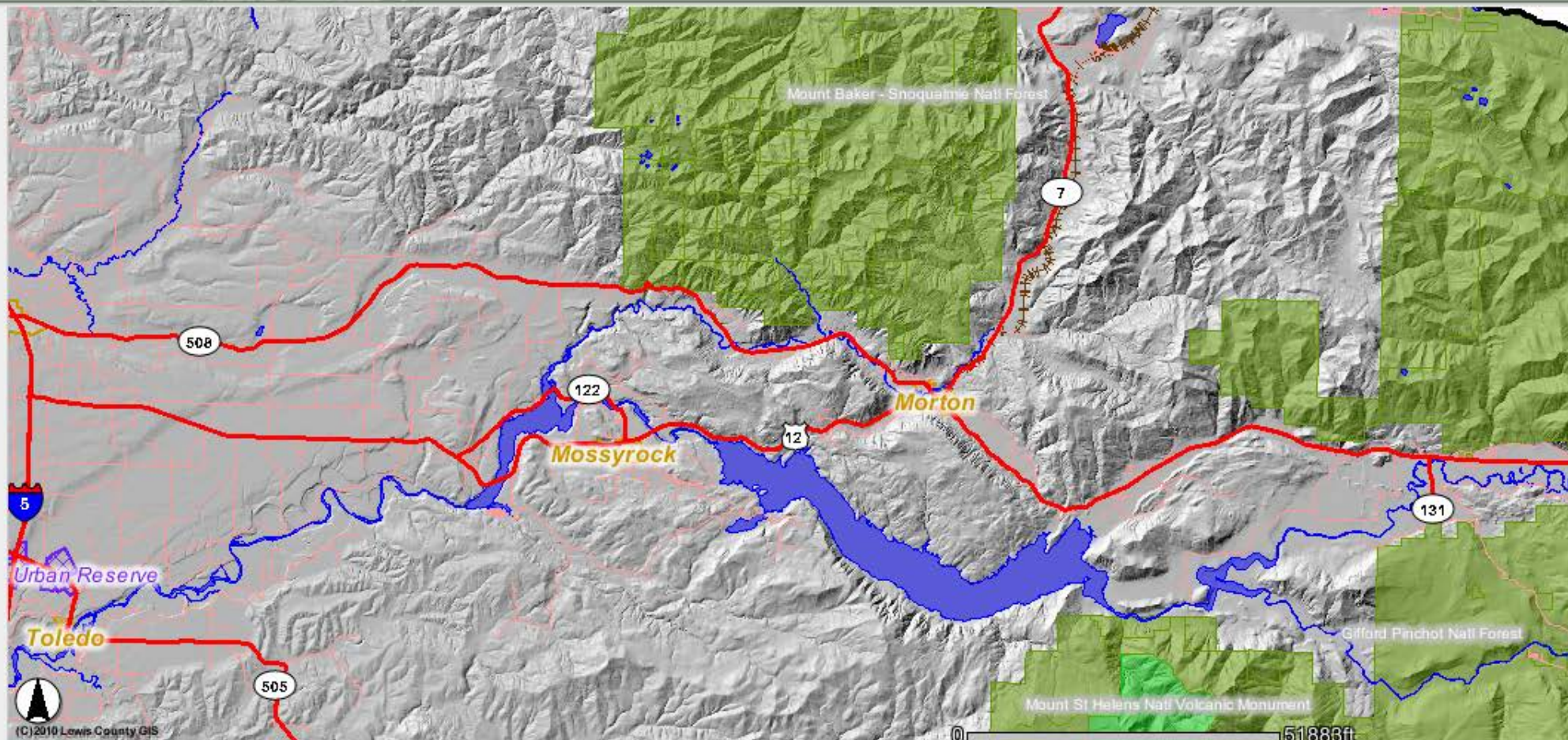




# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

SEARCH



## LAYERS

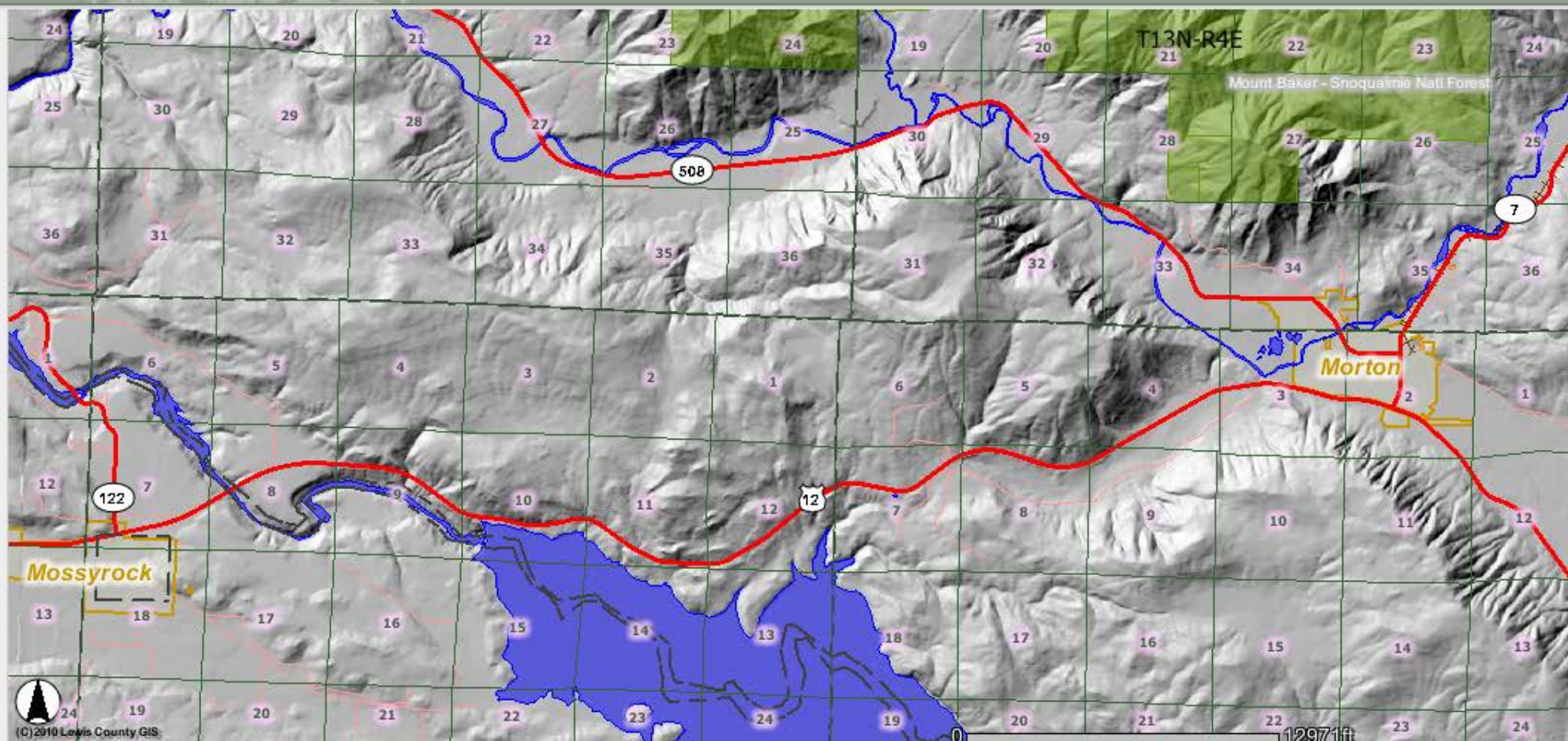
- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☐ Streams
  - ☒ Water Bodies
  - ☐ Cities
  - ☒ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Ctour Sources
- CRITICAL AREAS
  - ☐ Wetlands
  - ☐ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☒ Gray Hillshade
  - ☐ USGS Topo



# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

SEARCH



## LAYERS

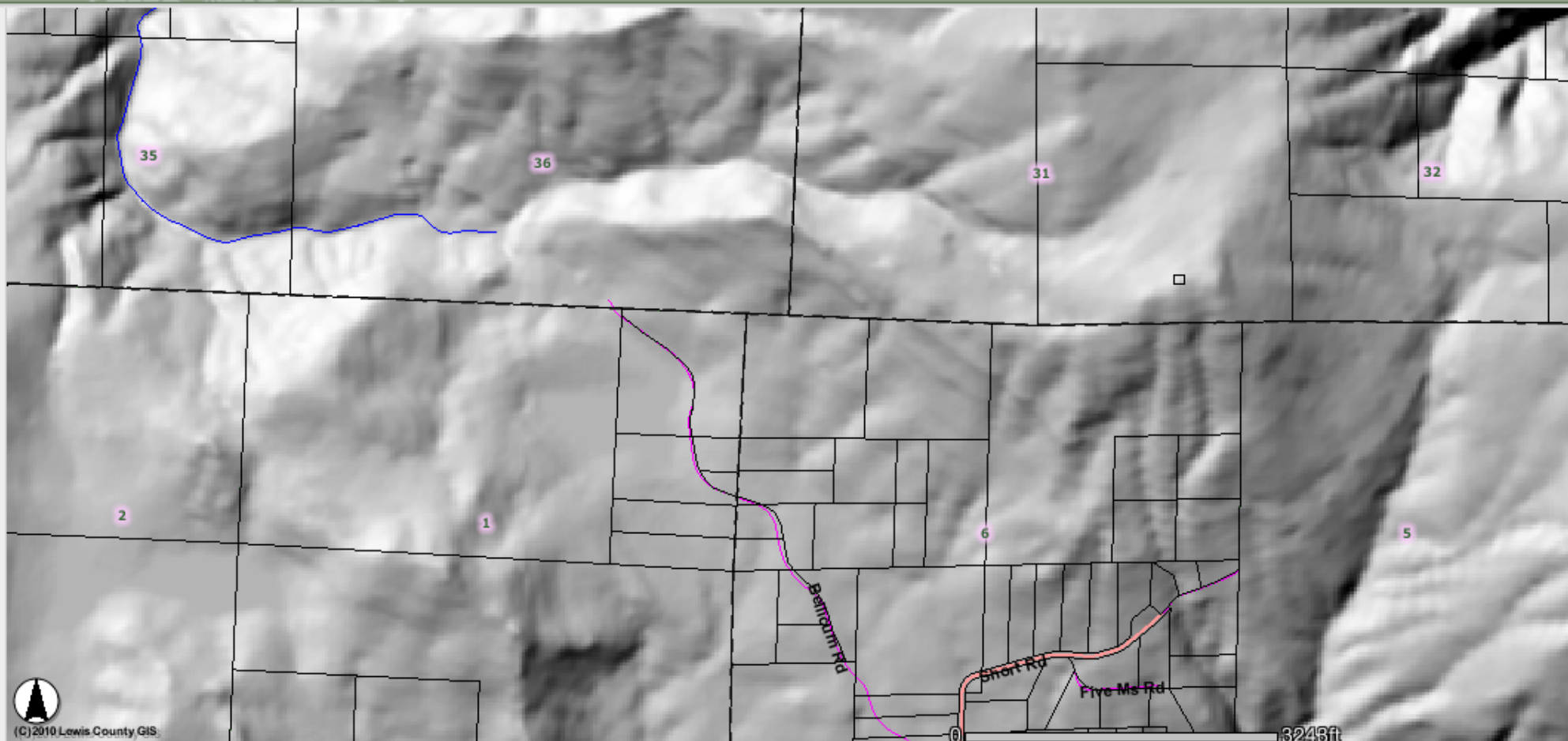
- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☐ Streams
  - ☒ Water Bodies
  - ☒ Cities
  - ☒ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Ctour Sources
- CRITICAL AREAS
  - ☐ Wetlands
  - ☐ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☒ Gray Hillshade
  - ☐ USGS Topo



# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

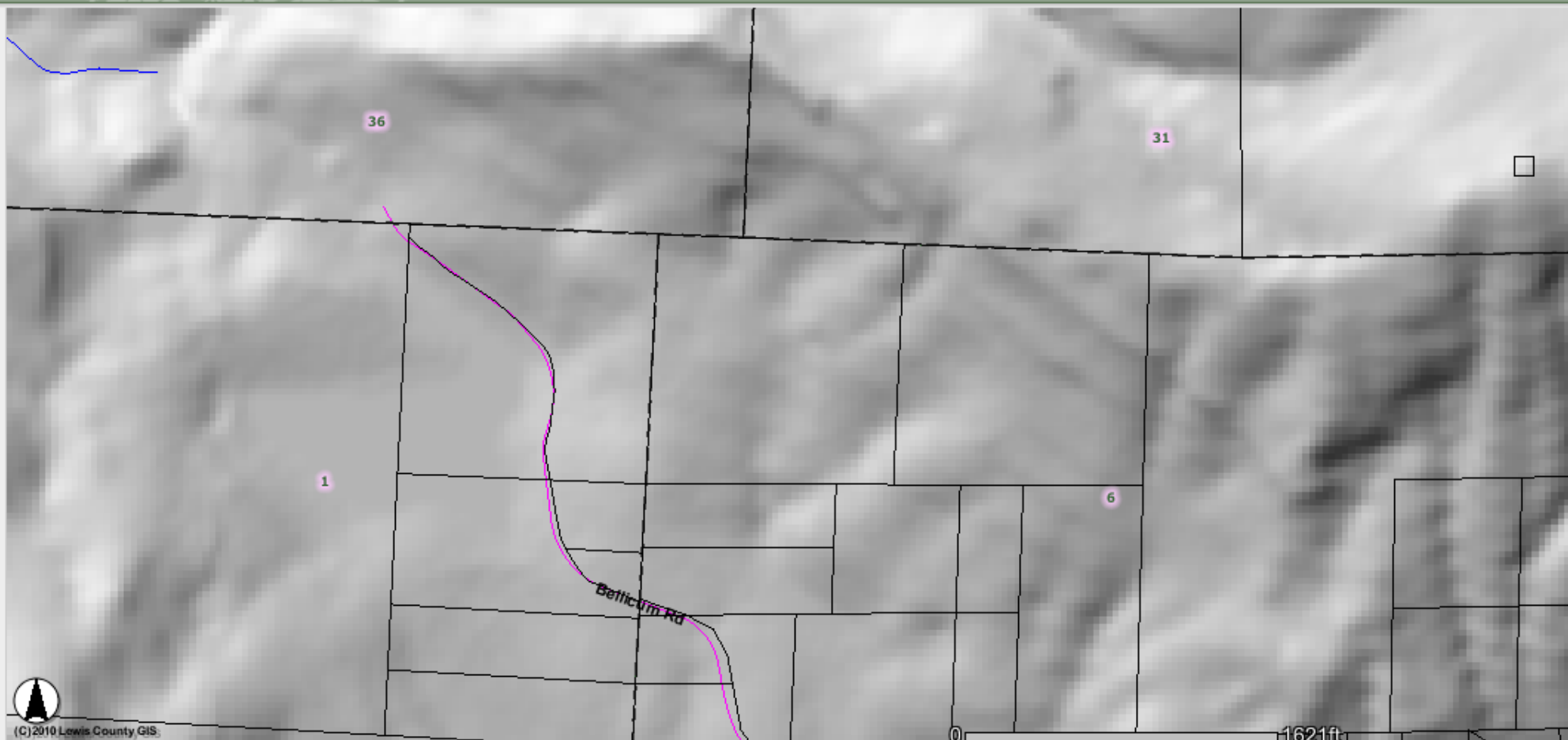
SEARCH



(C) 2010 Lewis County GIS

## LAYERS

- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☒ Streams
  - ☒ Water Bodies
  - ☒ Cities
  - ☒ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Contour Sources
- CRITICAL AREAS
  - ☐ Wetlands
  - ☐ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☒ Gray Hillshade
  - ☐ USGS Topo



(C)2010 Lewis County GIS

LAYERS

- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☒ Streams
  - ☒ Water Bodies
  - ☒ Cities
  - ☒ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Contour Sources
- CRITICAL AREAS
  - ☐ Wetlands
  - ☐ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☒ Gray Hillshade
  - ☐ USGS Topo

QuickZoom

Select Community or City: ▾

Sec:

20

Twp:

14

Rge:

2W

Go



# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

SEARCH



## LAYERS

- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☒ Streams
  - ☒ Water Bodies
  - ☒ Cities
  - ☒ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Contour Sources
- CRITICAL AREAS
  - ☐ Wetlands
  - ☐ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☒ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☐ Gray Hillshade
  - ☐ USGS Topo



▼ Search

600 Harp Road, Oakville, WA Search

ex: pizza near NYC

Get Directions History

600 Harp Rd



▼ Places

- +
- [-] FWS Wetlands & Riparian De
- +
- [-] SoilWeb  
Streaming, seamless interface to USDA-NCSS
- [-] USGS Topographic Maps
- +
- [-] New FMP Maps
- [-] Old FMP Maps
- [-] o46123a7



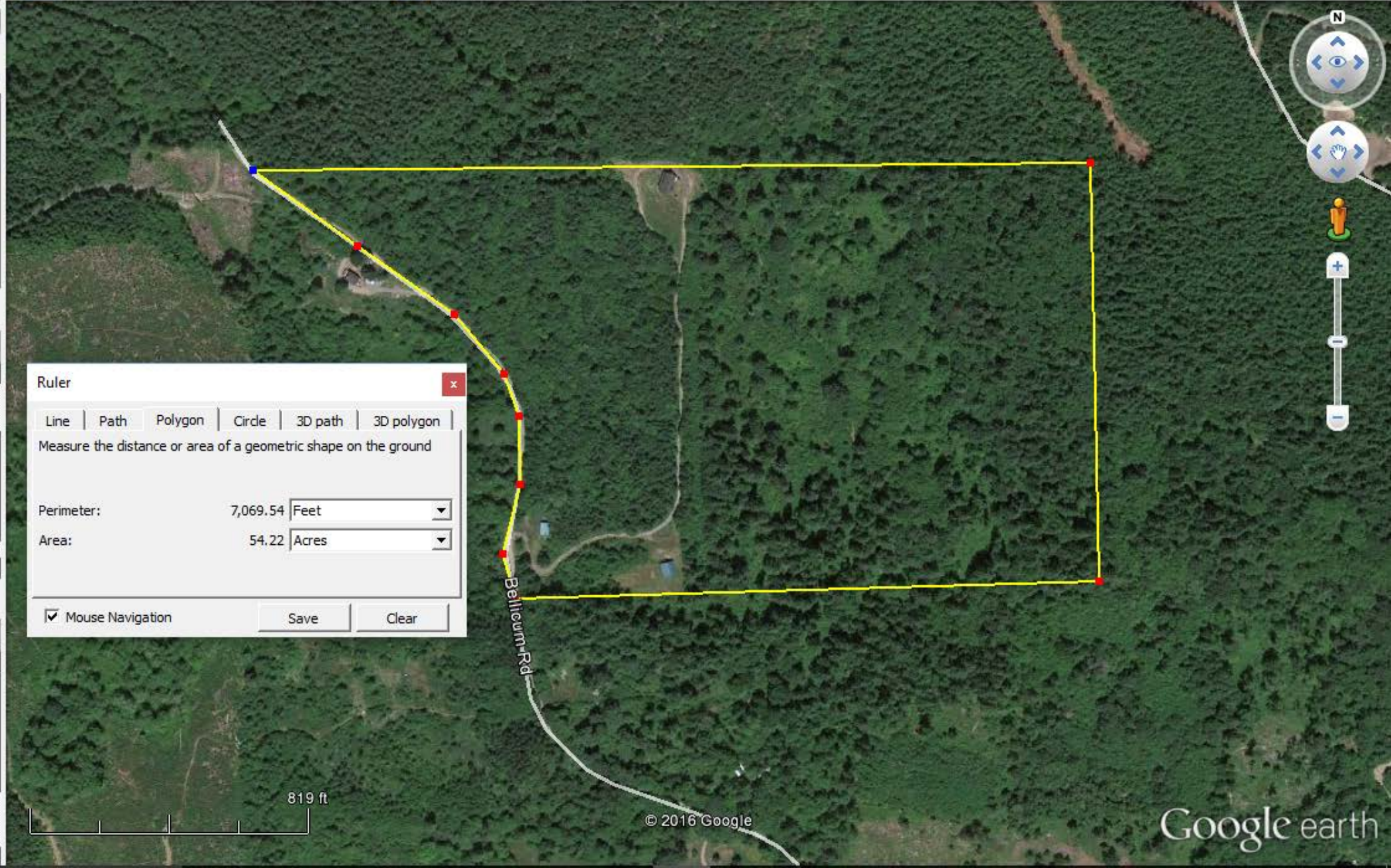
▼ Layers

- [-] [x] Primary Database
- [-] [x] Voyager
- [-] [x] Borders and Labels
- [-] [x] Places
- [-] [x] Photos
- [-] [x] Roads
- [-] [x] 3D Buildings
- [-] [x] Ocean
- [-] [x] Weather
- [-] [x] Gallery

Earth Gallery >>



Sign in



Ruler

Line | Path | Polygon | Circle | 3D path | 3D polygon |

Measure the distance or area of a geometric shape on the ground

Perimeter: 7,069.54 Feet

Area: 54.22 Acres

☒ Mouse Navigation

Save Clear



819 ft

© 2016 Google

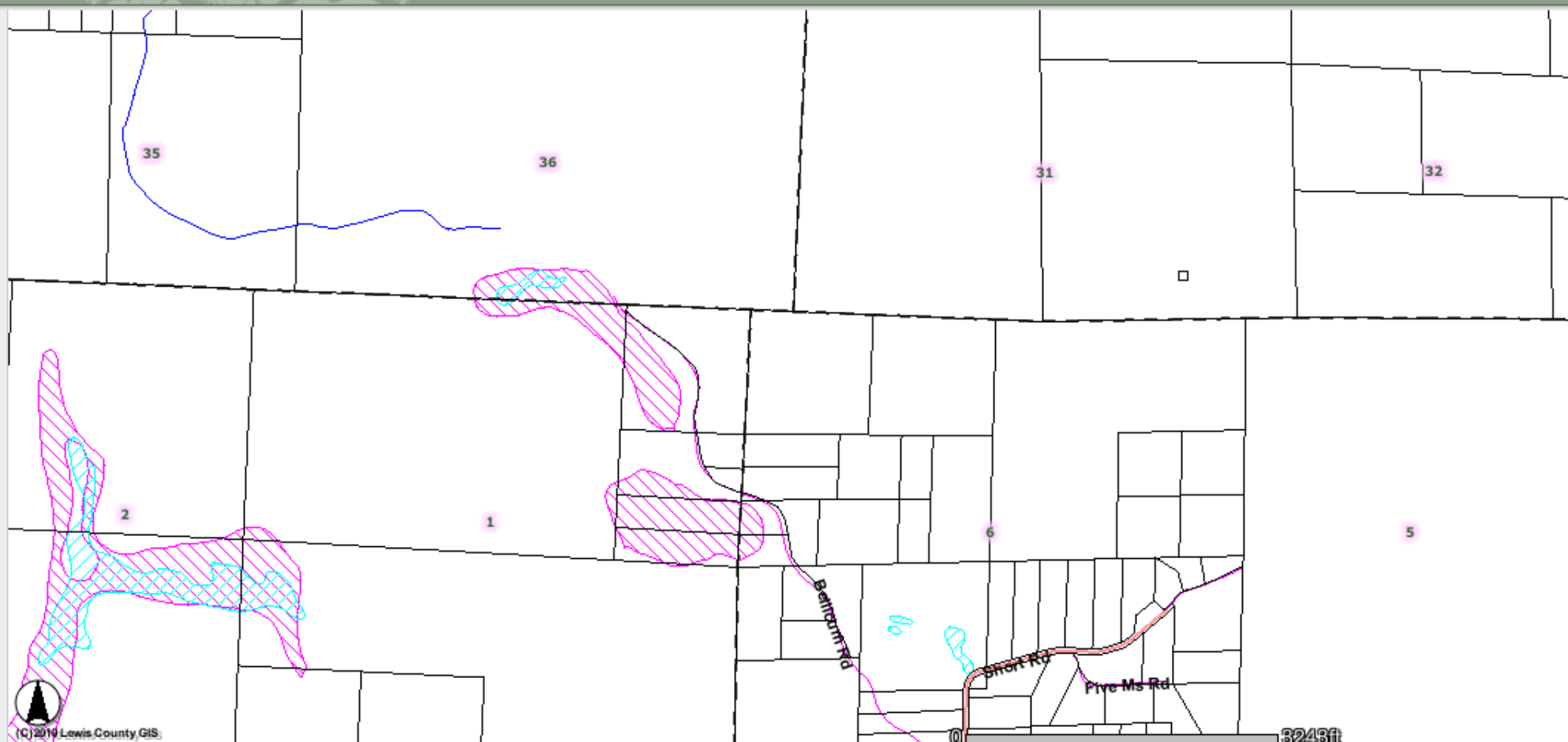
Google earth



# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

SEARCH



(C)2010 Lewis County GIS

Streams is now the Active Layer

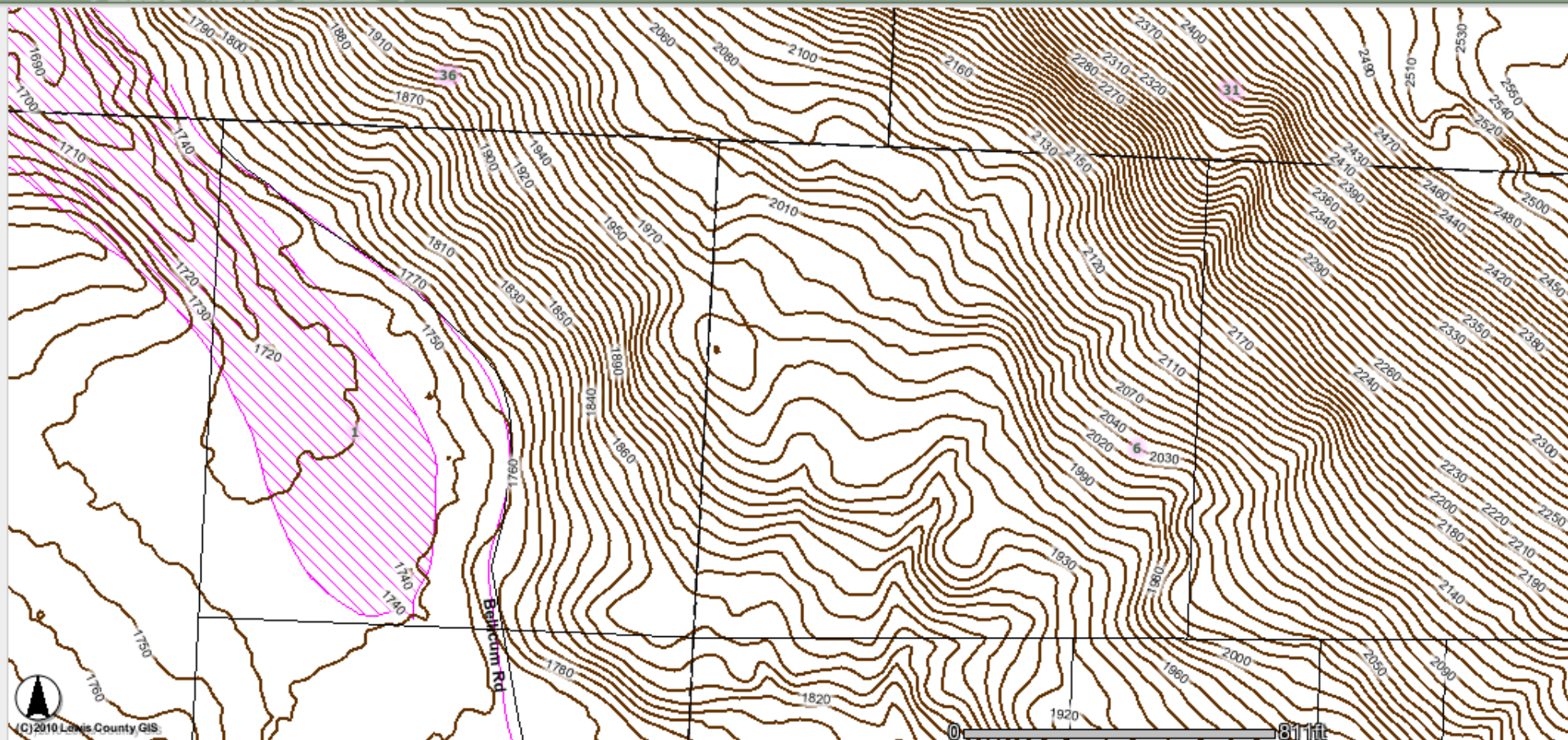
## LAYERS

- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☒ Streams
  - ☒ Water Bodies
  - ☐ Cities
  - ☐ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☐ 10ft & labels
  - ☐ Contour Sources
- CRITICAL AREAS
  - ☒ Wetlands
  - ☒ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☐ Gray Hillshade
  - ☐ USGS Topo

# LEWIS COUNTY WEB MAP

Search Map by Parcel# →

SEARCH



(C) 2010 Lewis County GIS

Streams is now the Active Layer

## LAYERS

- PARCELS
  - ☒ Tax Parcels
  - ☐ Labels
- BASE DATA
  - ☒ PLS, Sections
  - ☒ Roads & RRs
  - ☒ Streams
  - ☒ Water Bodies
  - ☐ Cities
  - ☐ Federal Lands
- CONTOURS
  - ☐ 2ft
  - ☒ 10ft & labels
  - ☐ Ctour Sources
- CRITICAL AREAS
  - ☒ Wetlands
  - ☒ Hydric Soils
  - ☐ Flood Zones
  - ☐ ShorelineEnv
- ZONING
  - ☒ Urban Reserves
  - ☐ County Zoning
  - ☐ Zoning Labels
- BACKGROUND
  - ☐ 2013 Aerial PICT
  - ☐ 2009 Aerial NAIP
  - ☐ 2008 Aerial WADNR
  - ☐ 2006 Aerial NAIP
  - ☐ 2003 Aerial WADNR
  - ☐ 1996 Aerial WADNR
  - ☐ Gray Hillshade
  - ☐ USGS Topo

QuickZoom

Select Community or City: ▼

Sec:

20

Twp:

14

Rge:

2W

Go





United States Department of Agriculture  
Natural Resources Conservation Service

# Web Soil Survey

Home About Soils Help Contact Us

You are here: Web Soil Survey Home

## Search

Enter Keywords

All NRCS Sites

## Browse by Subject

- ▶ Soils Home
- ▶ National Cooperative Soil Survey (NCSS)
- ▶ Archived Soil Surveys
- ▶ Status Maps
- ▶ Official Soil Series Descriptions (OSD)
- ▶ Soil Series Extent Mapping Tool
- ▶ Geospatial Data Gateway
- ▶ eFOTG
- ▶ National Soil Characterization Data
- ▶ Soil Quality
- ▶ Soil Geography

The simple yet powerful way to access and use soil data.



## Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps

and data available online for more than 95 percent of the nation's counties and anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local [USDA Service Center](#) or your [NRCS State Soil Scientist](#).

## Four Basic Steps

1 Define.

### Area of Interest (AOI)



Use the Area of Interest tab to define your area of interest.

## I Want To...

- [Start Web Soil Survey \(WSS\)](#)
- [Know the requirements for running Web Soil Survey — will Web Soil Survey work in my web browser?](#)
- [Know the Web Soil Survey hours of operation](#)
- [Find what areas of the U.S. have soil data](#)
- [Find information by topic](#)
- [Know how to hyperlink from other documents to Web Soil Survey](#)
- [Know the SSURGO data structure](#)

## Announcements/Events

- [Web Soil Survey 3.1 has been released! View description of new features and fixes.](#)
- [Web Soil Survey Release History](#)
- [Sign up for e-mail updates via GovDelivery](#)

## I Want Help With...

- [Getting Started With Web Soil Survey](#)
- [How to use Web Soil Survey](#)



**Area of Interest (AOI)**[Soil Map](#)[Soil Data Explorer](#)[Download Soils Data](#)[Shopping Cart \(Free\)](#)**Search****Area of Interest**[Open All](#)[Close All](#)**AOI Properties**[Clear AOI](#)**AOI Information**

Name

Map Unit Symbols

- ☒ Use Soil Survey Area Map Unit Symbols  
☐ Use National Map Unit Symbols

Area (acres)

57.2

**Soil Data Available from Web Soil Survey****Lewis County Area, Washington (WA641)**

Data Availability Tabular and Spatial, complete

Tabular Data Version 10, Sep 15, 2015

Spatial Data Version 6, Mar 3, 2015

[Clear AOI](#)[Import AOI](#)[Export AOI](#)**Quick Navigation****Address****Area of Interest Interactive Map**

View Extent

Contiguous U.S.

Scale

(not to scale)





Search

Map Unit Legend

Lewis County Area, Washington (WA641)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
50	Cinebar silt loam, 8 to 15 percent slopes	16.1	28.1%
51	Cinebar silt loam, 15 to 30 percent slopes	27.6	48.3%
52	Cinebar silt loam, 30 to 65 percent slopes	0.7	1.2%
116	Klaber silt loam	0.1	0.2%
251	Zynbar gravelly silt loam, 30 to 65 percent slopes	12.7	22.2%
Totals for Area of Interest		57.2	100.0%

Soil Map

Legend Scale (not to scale)





Search

Suitabilities and Limitations Ratings

Open All	Close All	?
Building Site Development	?	⌵
Construction Materials	?	⌵
Disaster Recovery Planning	?	⌵
Land Classifications	?	⌵
Land Management	?	⌵
Military Operations	?	⌵
Recreational Development	?	⌵
Sanitary Facilities	?	⌵
Vegetative Productivity	?	⌵
Waste Management	?	⌵
Water Management	?	⌵

Soil Map

Legend Scale (not to scale)





Northwest Natural Resource G...Web Soil Survey - HomeWeb Soil Survey

websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspxweb soil survey

Area of Interest (AOI)Soil MapSoil Data ExplorerDownload Soils DataShopping Cart (Free)

View Soil Information By Use: All UsesPrintable VersionAdd to Shopping Cart

Intro to SoilsSuitabilities and Limitations for UseSoil Properties and QualitiesEcological Site AssessmentSoil Reports

Search

Suitabilities and Limitations Ratings

Open AllClose All

Building Site Development

Construction Materials

Disaster Recovery Planning

Land Classifications

Land Management

Military Operations

Recreational Development

Sanitary Facilities

Vegetative Productivity

Crop Productivity Index

Forest Productivity (Cubic Feet per Acre per Year)

Forest Productivity (Tree Site Index)

Iowa Corn Suitability Rating CSR2 (IA)

Range Production (Favorable Year)

Range Production (Normal Year)

Range Production (Unfavorable Year)

Yields of Irrigated Crops (Component)

Yields of Irrigated Crops (Map Unit)

Yields of Non-Irrigated Crops (Component)

Map — Forest Productivity (Cubic Feet per Acre per Year): Douglas-fir (King 1966 (795))

Scale (not to scale)

Forestland Productivity—Lewis County Area, Washington				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac</i>	
50—Cinebar silt loam, 8 to 15 percent slopes				
Cinebar	Bigleaf maple	—	—	Douglas-fir
	Douglas-fir	132	186.00	
	Red alder	—	—	
	Western hemlock	110	243.00	
	Western redcedar	—	—	
51—Cinebar silt loam, 15 to 30 percent slopes				
Cinebar	Bigleaf maple	—	—	Douglas-fir
	Douglas-fir	132	186.00	
	Red alder	—	—	
	Western hemlock	110	243.00	
	Western redcedar	—	—	



# First Steps for New Forest Owners

1. Educational materials
2. Professional foresters
3. Aerial photos
4. Resource maps
5. Mapping your land
6. Forest inventory
7. Forest management plan

## How to Manage Your Forest

# Mapping and Measurements

Tristan Huff  
Oregon State University  
Extension Service

### Maps and Measurements, Part 1



**Tristan Huff**  
Extension Forestry Agent

#### Outline

#### Thumb

Slide Title Duration

▶ Title	00:15
Introduction	00:31
What's in a Forest	01:19
Outline	00:42
Land Survey System	00:57
Meridians	00:35
Townships	01:14
Sections	00:56
Sections	00:41
The Acre	00:40
Mapping Resources	00:39
Plat Maps	01:07
Topographic Maps	00:44
Aerial Photographs	01:12
Soil Survey Maps	00:33
Soil Survey Maps	00:23
Management Maps	00:35

16 Minutes 19 Seconds Remaining



Slide 1 / 23 | Playing

00:09 / 00:15





▼ Search

Search

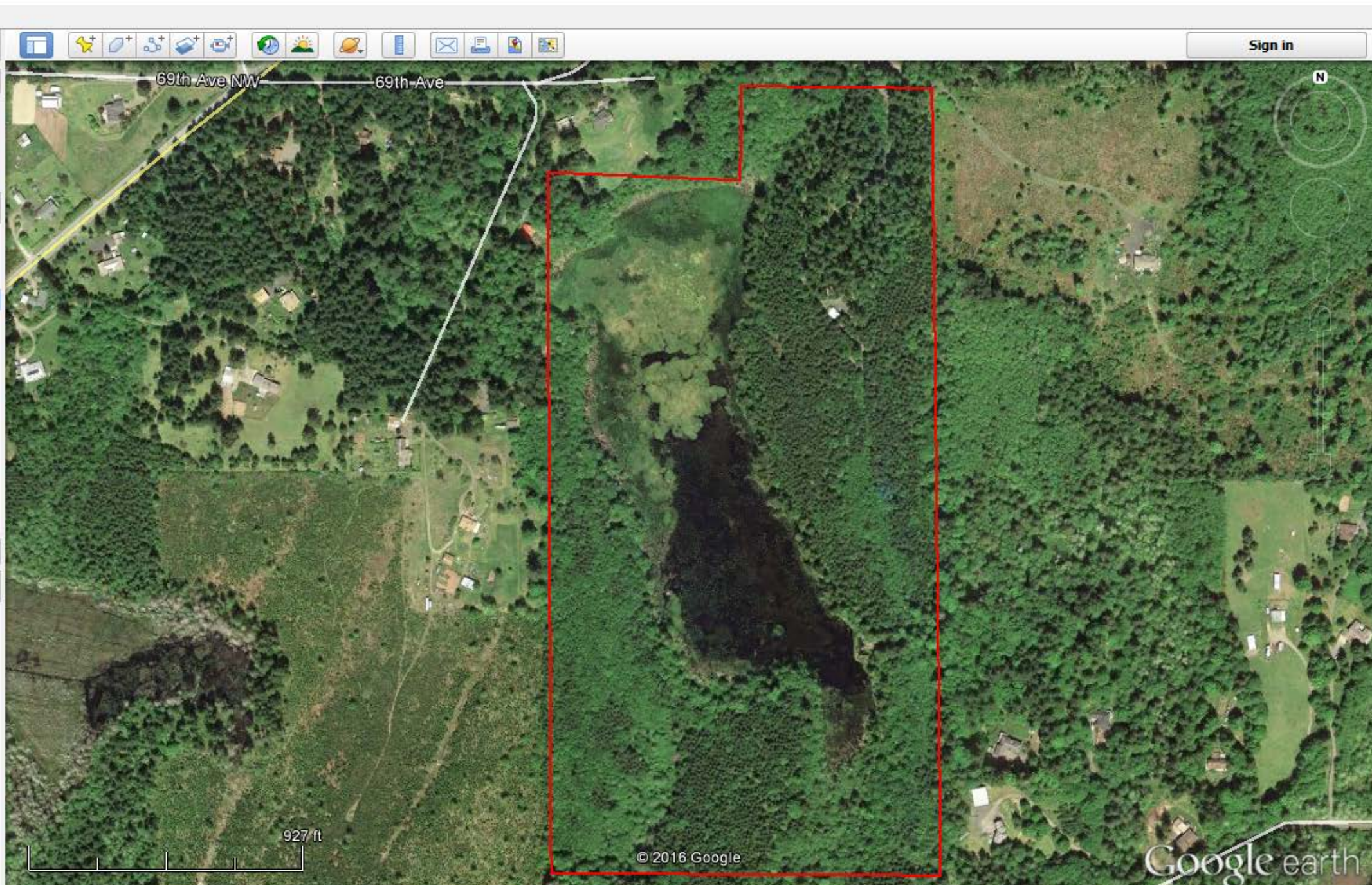
ex: Museums in New York, NY  
[Get Directions](#) [History](#)

▼ Places

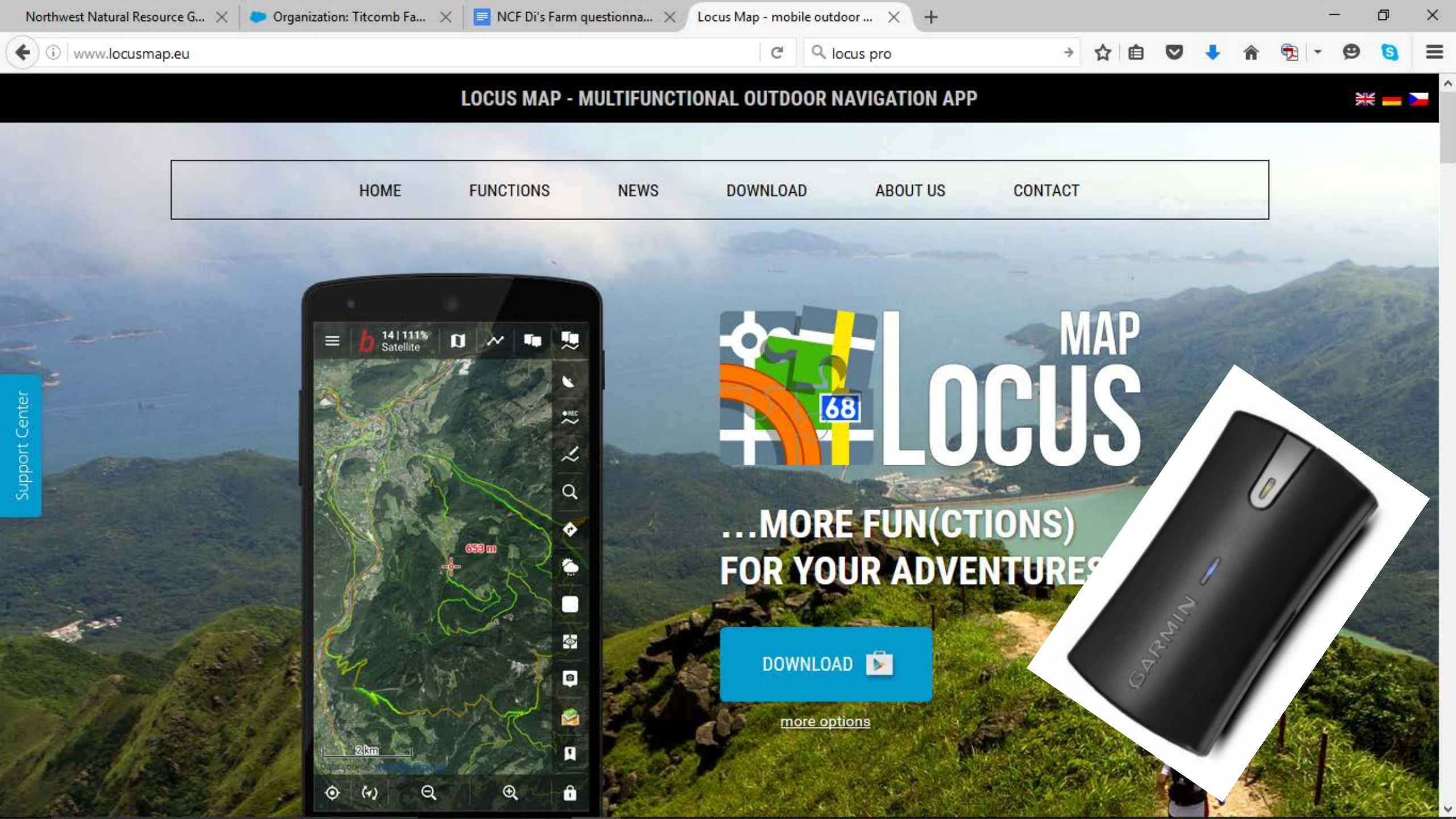
- ☒ My Places
  - ☐ Maps
  - ☒ New FMP Maps
  - ☒ Old FMP Maps
  - ☐ o46123a7
  - ☐ Alaska
- ☐ Temporary Places

▼ Layers [Earth Gallery >>](#)

- ☒ Primary Database
  - ☐ Voyager
- ☒ Borders and Labels
- ☒ Places
- ☐ Photos
- ☒ Roads
- ☐ 3D Buildings
- ☐ Ocean
- ☐ Weather
- ☐ Gallery
- ☐ Global Awareness
- ☐ More
- ☐ Terrain







LOCUS MAP - MULTIFUNCTIONAL OUTDOOR NAVIGATION APP



HOME

FUNCTIONS

NEWS

DOWNLOAD

ABOUT US

CONTACT

Support Center



...MORE FUN(CTIONS)  
FOR YOUR ADVENTURES



[more options](#)







# The Outdoor Discovery App

Get trails and maps anywhere in the world. Start your adventure here.

Puyallup, United States

Find adventure




History of the Water Flume Line Trail

3.85km Easy

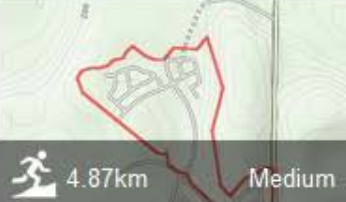


Water Flume Line Trail



10.54km Medium

Track Nov 12, 2015 10:04:06 AM



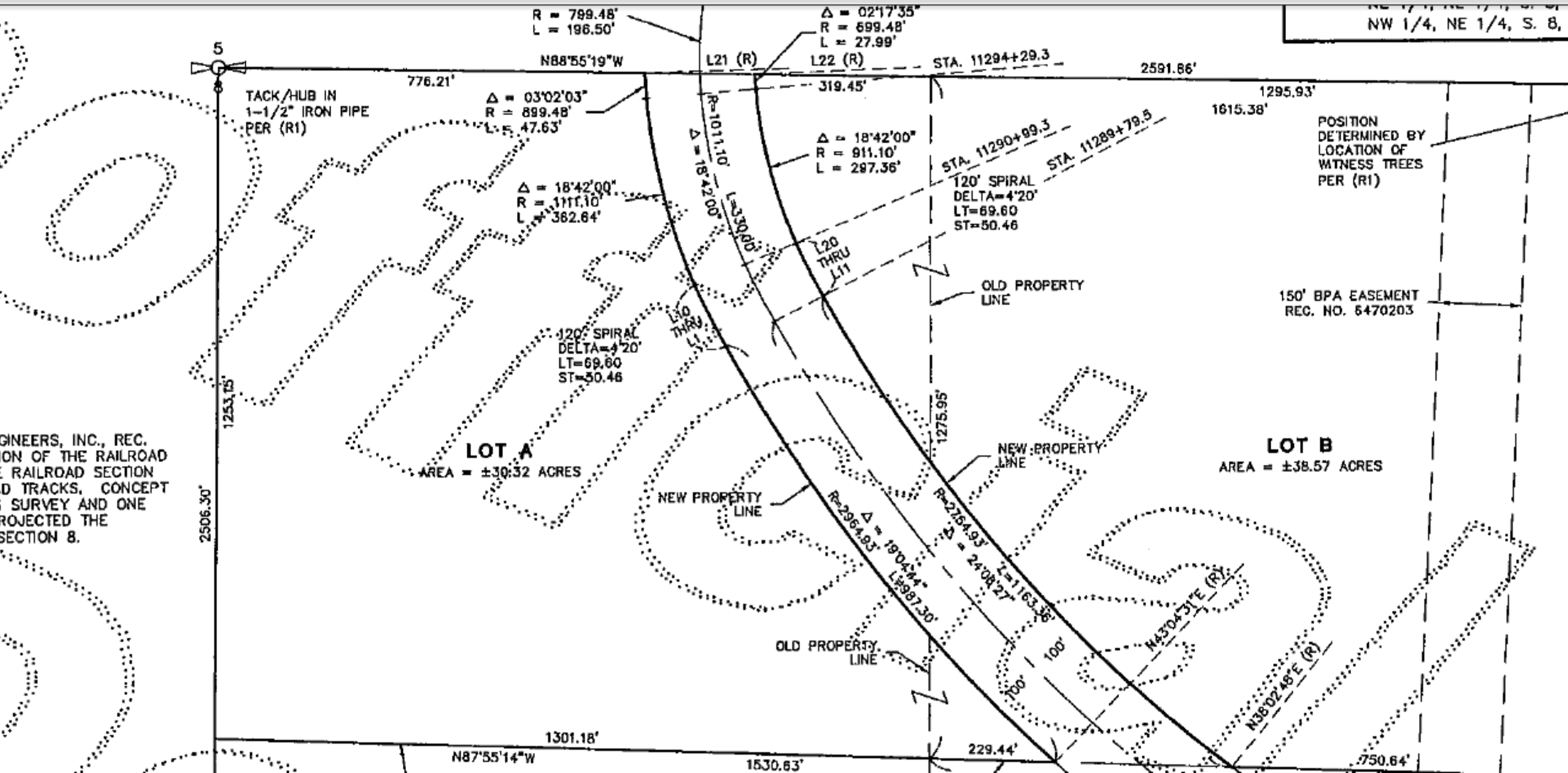
4.87km Medium

Track Sep 19, 2013, 9:47 AM













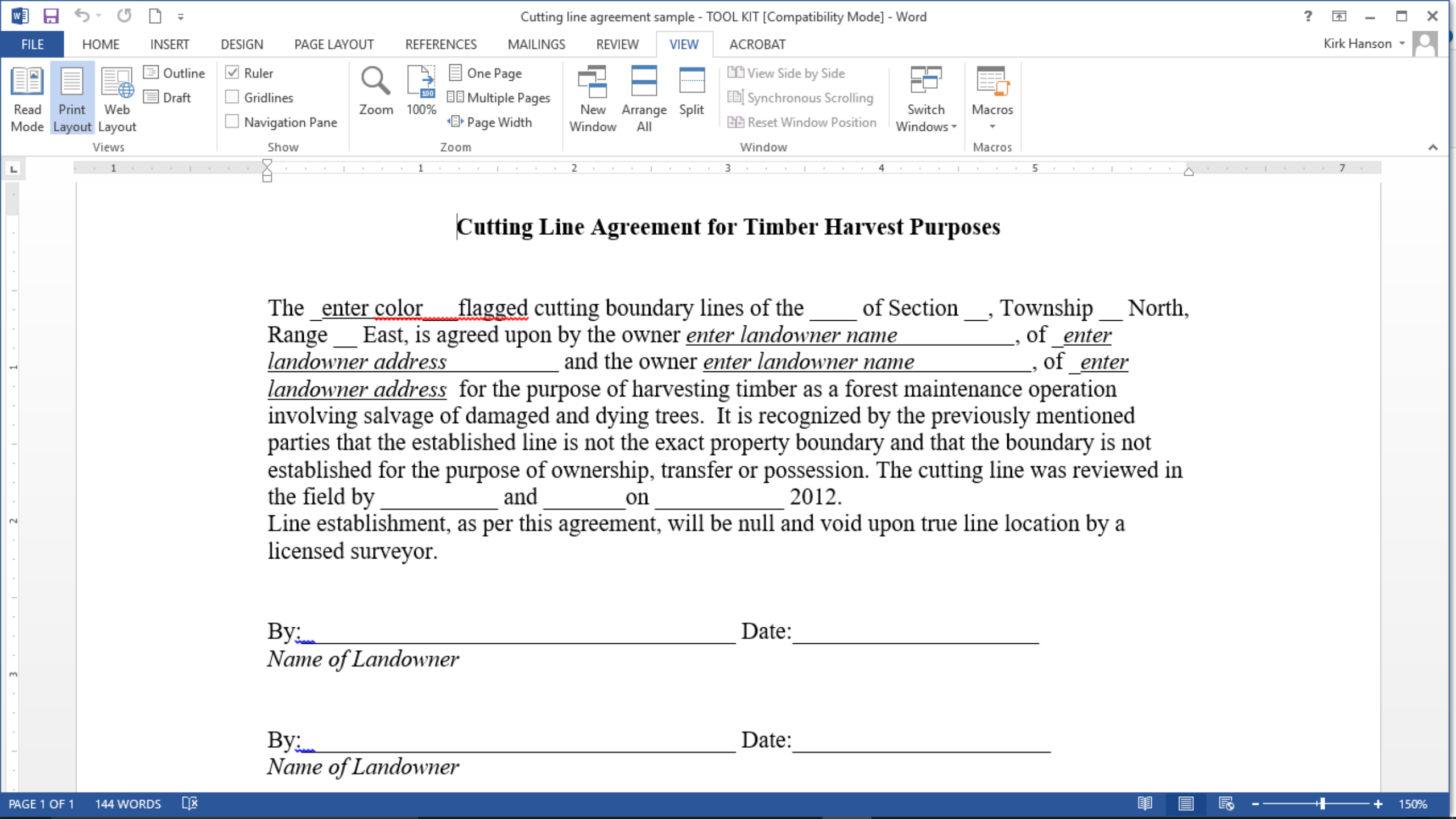












## Cutting Line Agreement for Timber Harvest Purposes

The enter color flagged cutting boundary lines of the \_\_\_\_ of Section \_\_, Township \_\_ North, Range \_\_ East, is agreed upon by the owner enter landowner name, of enter landowner address and the owner enter landowner name, of enter landowner address for the purpose of harvesting timber as a forest maintenance operation involving salvage of damaged and dying trees. It is recognized by the previously mentioned parties that the established line is not the exact property boundary and that the boundary is not established for the purpose of ownership, transfer or possession. The cutting line was reviewed in the field by \_\_\_\_\_ and \_\_\_\_\_ on \_\_\_\_\_ 2012. Line establishment, as per this agreement, will be null and void upon true line location by a licensed surveyor.

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Name of Landowner

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Name of Landowner



- My Places
- Maps
- New FMP Maps
  - Edwards
  - Gratzer
  - Ilwaco
  - Kachess Ridge
  - kibbey
  - Kibbey.kmz
  - o47122b8
  - Kibbey
- FMPs
  - Peterson
  - River Ranch

- Primary Database
- Voyager
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain





▼ Search

Search

ex: Museums in New York, NY

[Get Directions](#) [History](#)

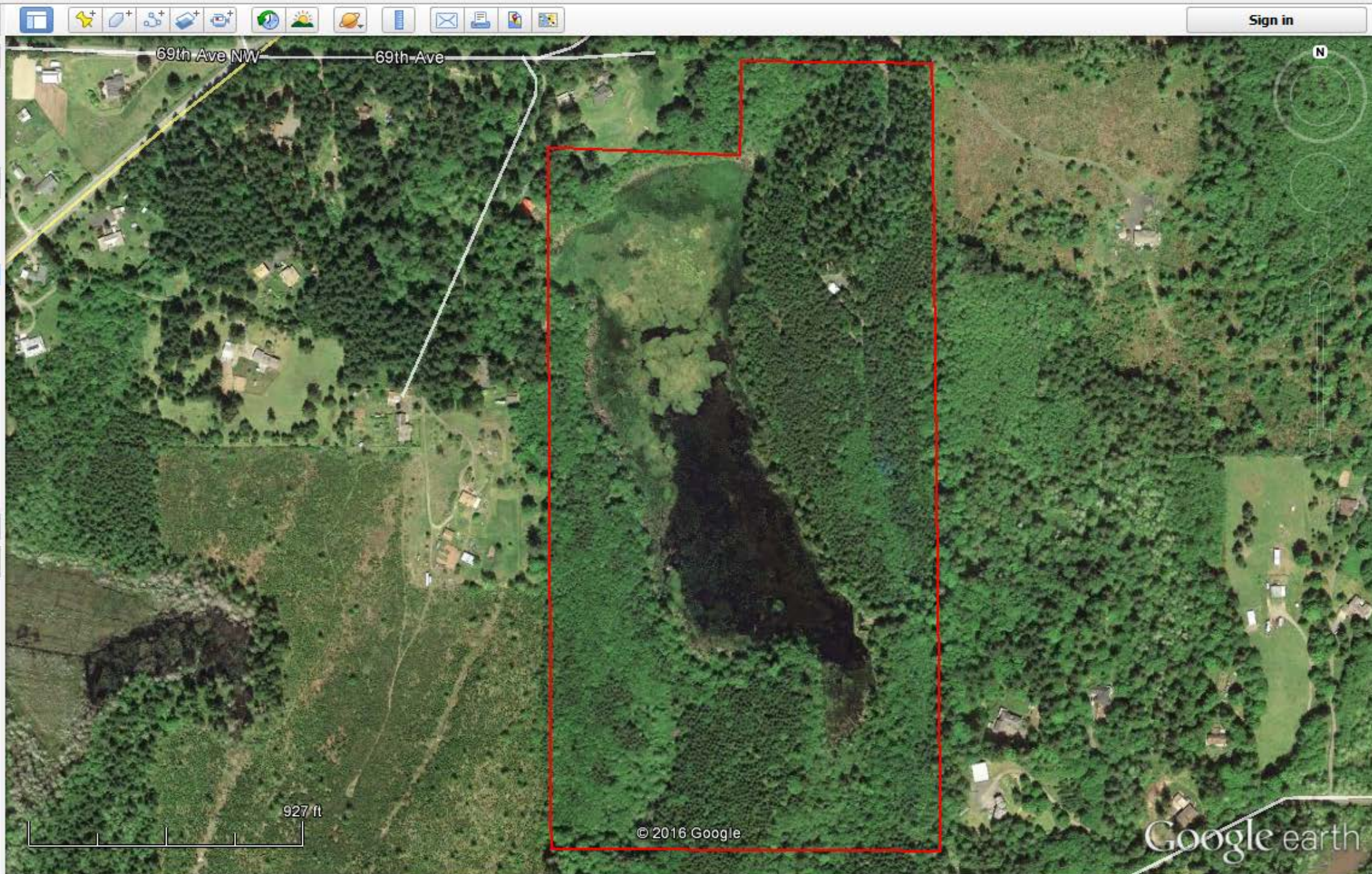
▼ Places

- ☒ My Places
  - ☐ Maps
  - ☒ New FMP Maps
  - ☒ Old FMP Maps
  - ☐ o46123a7
  - ☐ Alaska
- ☐ Temporary Places

Layers

▼ Layers

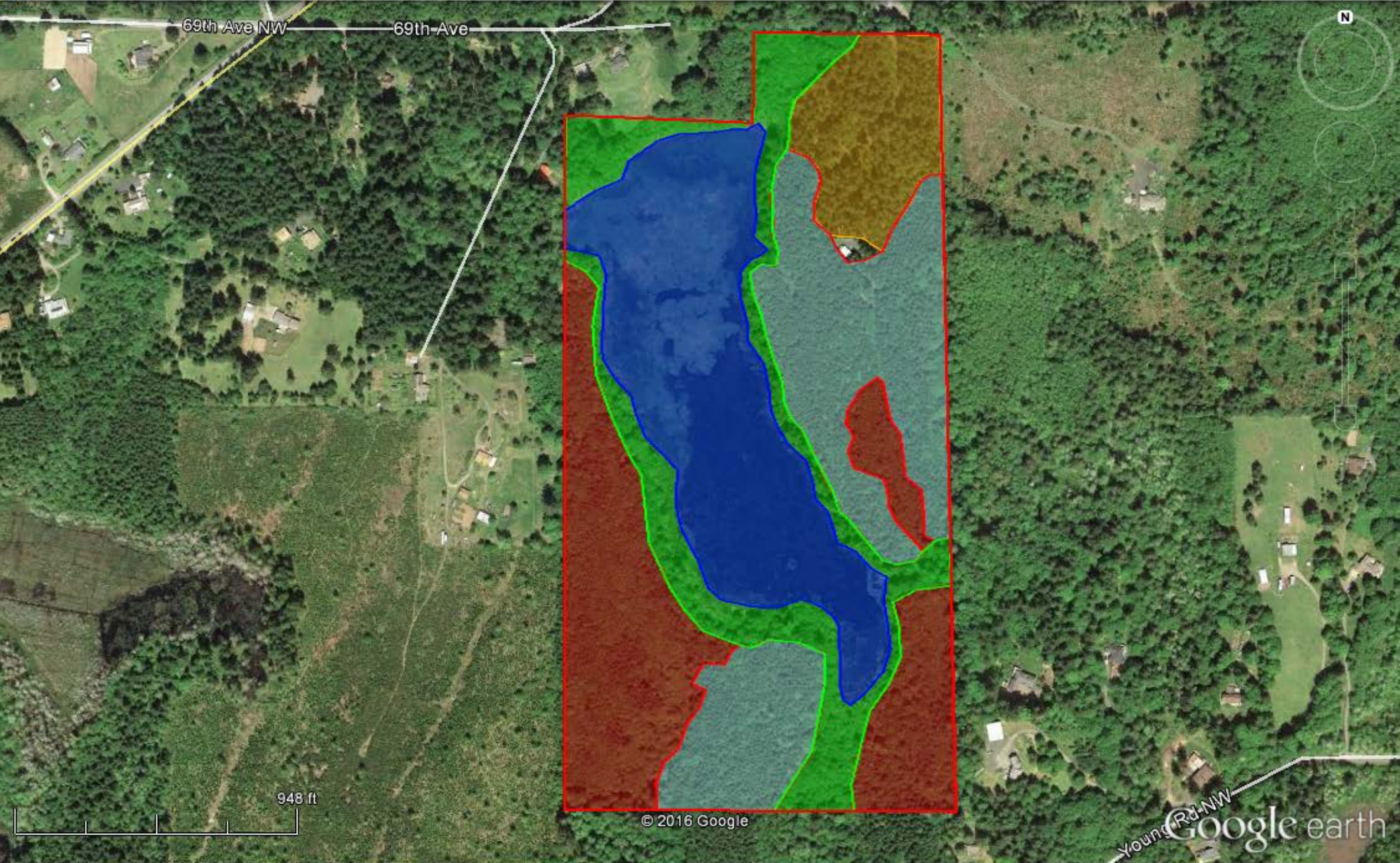
- ☒ Primary Database
  - ☐ Voyager
- ☒ Borders and Labels
- ☒ Places
- ☐ Photos
- ☒ Roads
- ☐ 3D Buildings
- ☐ Ocean
- ☐ Weather
- ☐ Gallery
- ☐ Global Awareness
- ☐ More
- ☐ Terrain





- ☐ Kachess Ridge
- ☒ kibbey
  - ☐ Kibbey.kmz
  - ☐ o47122b8
  - ☒ Kibbey
- ☒ FMUs
- ☐ Peterson
- ☐ River Ranch
- ☐ Skok River
- ☐ Skokomish
- ☐ Waldron
- ☐ Yoachim
- ☐ Middendorf
- ☐ April Joy

- ☒ Primary Database
- ☐ Voyager
- ☒ Borders and Labels
- ☒ Places
- ☐ Photos
- ☒ Roads
- ☐ 3D Buildings
- ☐ Ocean
- ☐ Weather
- ☐ Gallery
- ☐ Global Awareness
- ☐ More
- ☐ Terrain



948 ft

© 2016 Google

Google earth



A Guidebook for Forest Stewardship Council  
Certified Small Forest Landowners

**Exclusively For members of  
Northwest Certified Forestry**



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<b>(#1) NCF Inventory Data Sheet</b>															
2																
3	<b>Date:</b>				<b>Stand #:</b>				<b>Note Taker:</b>							
4																
5	<b>Plot Center</b>															
6	<b>Monument</b>			<b>Plot #</b>						<b>Monument</b>			<b>Plot #</b>			
7	<b>Bearing Trees</b>			<b>Slope</b>						<b>Bearing Trees</b>			<b>Slope</b>			
8	<b>Tag#</b>	<b>Dist</b>	<b>Azm</b>	<b>Aspect</b>						<b>Tag#</b>	<b>Dist</b>	<b>Azm</b>	<b>Aspect</b>			
9				<b>Topo Position</b>									<b>Topo Position</b>			
10	<b>GPS</b>			<b>Photos</b>						<b>GPS</b>			<b>Photos</b>			
11																
12	<b>Tree Plot (&gt;5.9" dbh)</b>															
13																
14	<b>Plot Size:</b>				<b>Plot radius</b>											
15																
16	<b>Tag #</b>	<b>Plot #</b>	<b>Species</b>	<b>Dbh (0.1")</b>	<b>% Defect</b>	<b>Strata</b>	<b>Snag</b>	<b>Downed Log</b>	<b>W-Live Tree (1 if yes)</b>	<b>Height (ft)</b>	<b>Ht LiveCr (ft)</b>	<b>Age</b>	<b>Notes</b>			
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																

< > | Overview | **Inv1** | Inv2 | Stand | Roads | Streams | Wetlands | Activity | Gear\_list | Species



# Tools for Measuring Your Forest

S. Bowers

## Contents

The tools and how they work.....	1
Angle gauge .....	1
Clinometer.....	1
Combination logger's tape .....	2
Compass.....	2
Global Positioning System (GPS) .....	2
Increment borer.....	2
Log volume tables .....	3
Pacing .....	3
Rangefinder.....	3
Topographic map.....	3
Tan access tables.....	3
Tree volume tables.....	4
The Woodland Stick.....	4
Comparing tools .....	4
For more information .....	back page

Woodland owners routinely want to measure property acreage, boundaries, ground slope, various characteristics of standing timber, and individual log volumes. Different tools are required for each of these tasks (Figure 1).

Forests and forest products can be measured efficiently and precisely with sophisticated, and often expensive, instruments. However, most measurements can be made with a few simple and inexpensive tools.

This publication discusses only those tools that are readily available, affordable, and appropriate for a woodland owner who has basic measurement skills. Table 1 (page 5) compares the accuracy and convenience of each type of tool for taking certain measurements.

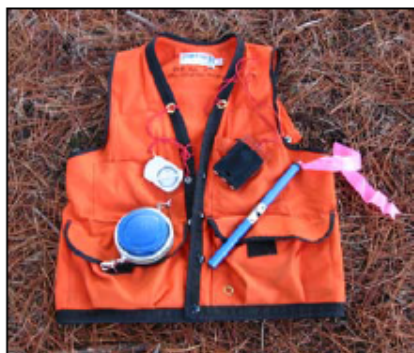


Figure 1.—Tools you'll use for some measuring tasks are (clockwise, from top left) a clinometer, a compass, an increment borer (with flagging tape attached, to make the borer easier to find if it falls on the ground), and a combination logger's tape.

## The tools and how they work

**Angle gauge** A mechanical or optical device for measuring basal area of trees in variable-plot sampling; that is, sampling a plot containing trees of various sizes. The most common is a wedge prism, a precisely ground glass wedge that is calibrated in basal area factors (BAF) from 10 to 70. Most woodland owners use a prism with a BAF scale between 20 and 40. Average tree diameter and prism BAF are directly proportional—as average tree diameter increases, prism BAF increases also.

**Clinometer** A rugged, hand-held instrument for measuring vertical angles such as ground slope, road grade, and tree height (Figure 2). Various models have degree and percent scales, percent and topo scales,

Steve Bowers, Extension forester,  
Lane and Douglas counties,  
Oregon State University.

# Basic Forest Inventory Techniques for Family Forest Owners

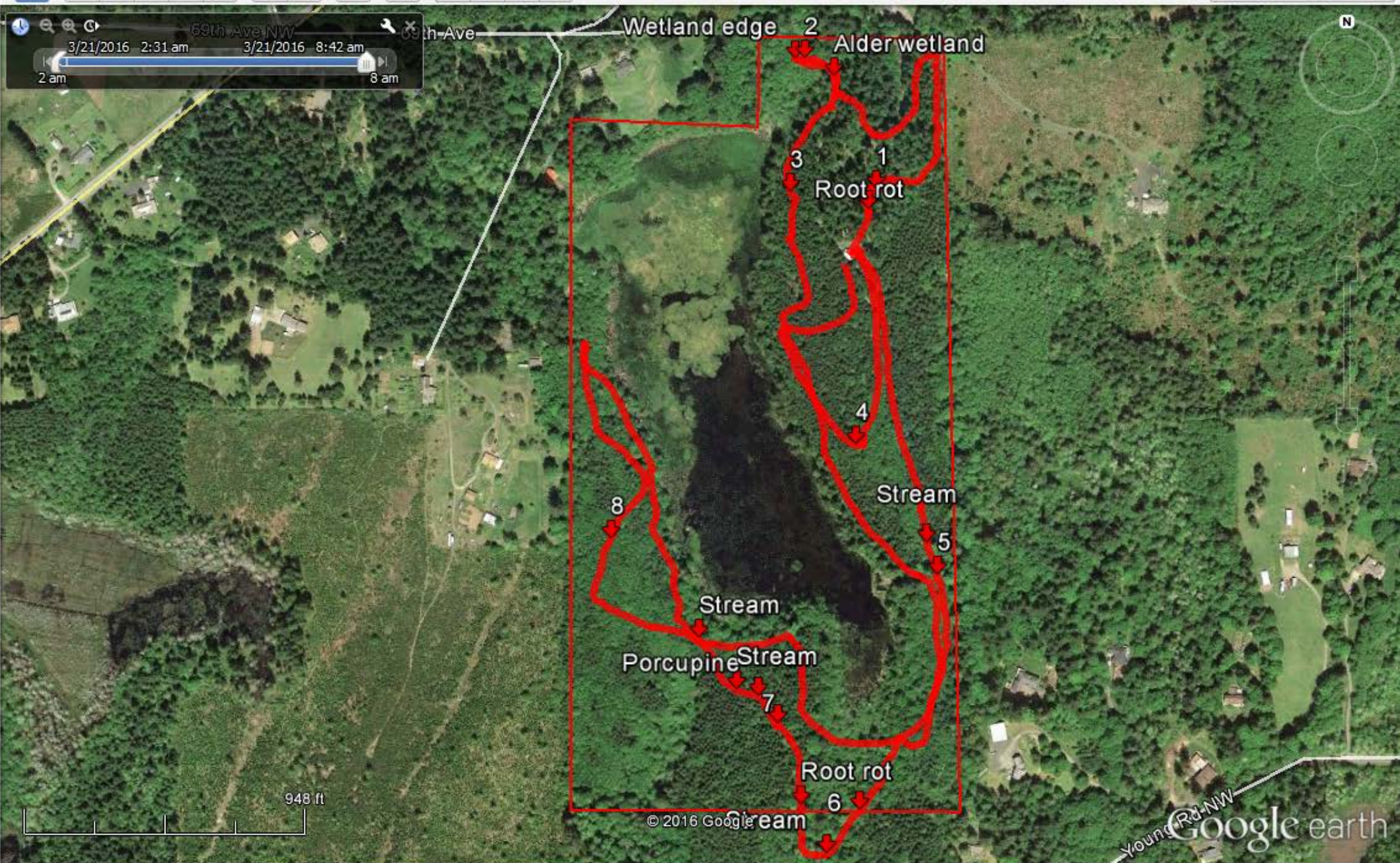
A PACIFIC NORTHWEST EXTENSION PUBLICATION • PNW630



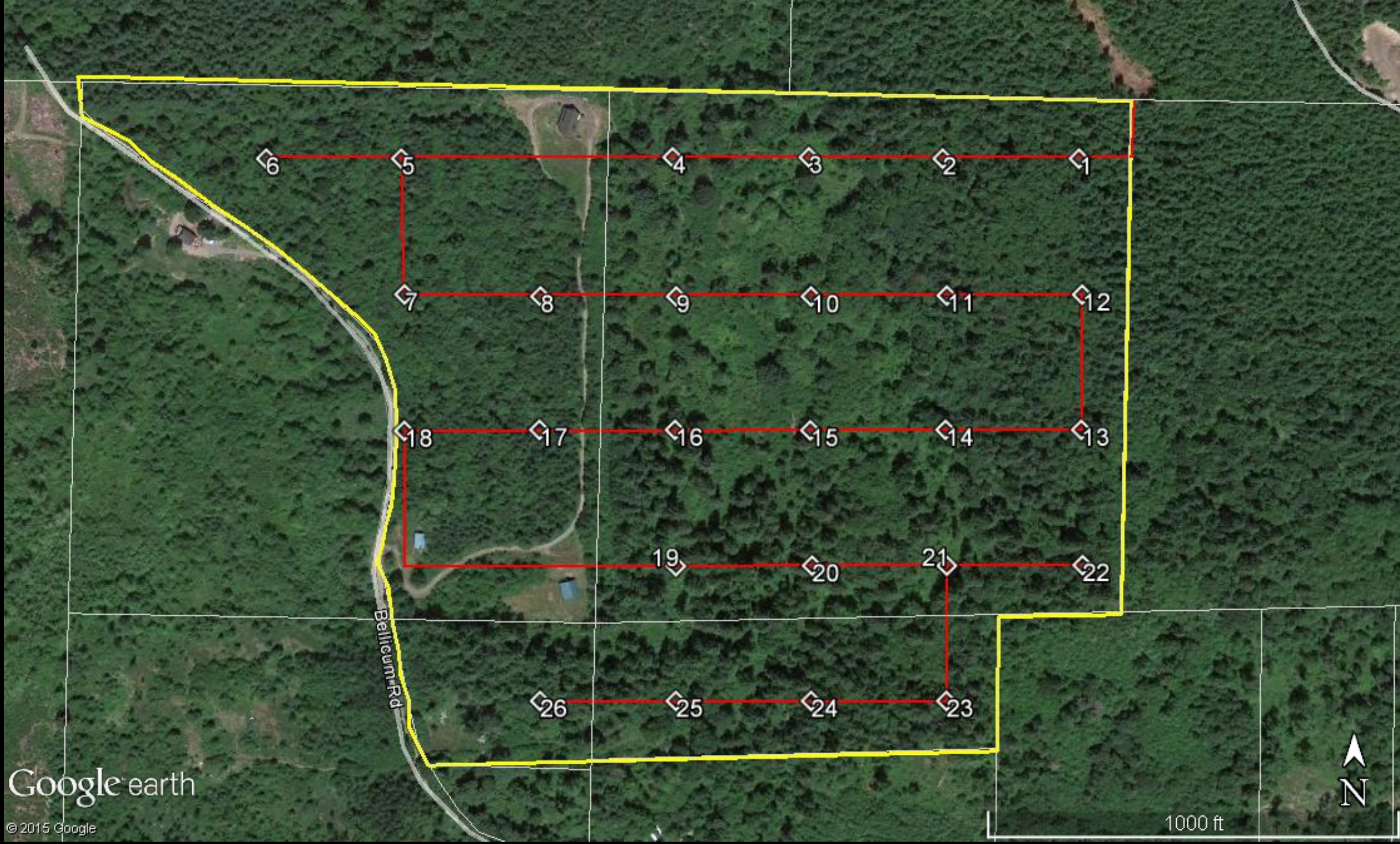


- My Places
- Maps
- New FMP Maps
  - Edwards
  - Gratzer
  - Ilwaco
  - Kachess Ridge
  - kibbey
  - Kibbey.kmz
  - o47122b8
  - Kibbey
- FMPs
  - Peterson
  - River Ranch

- Primary Database
- Voyager
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More
- Terrain









▼ Search

Search

ex: Museums in New York, NY

[Get Directions](#) [History](#)

▼ Places

- ☐ Kachess Ridge
- ☒ kibbey
  - ☐ Kibbey.kmz
  - ☐ o47122b8
  - ☒ Kibbey
- ☒ FMUs
- ☐ Peterson
- ☐ River Ranch
- ☐ Skok River
- ☐ Skokomish
- ☐ Waldron
- ☐ Yoachim
- ☐ Middendorf
- ☐ April Joy

Layers

Earth Gallery >>

- ☒ Primary Database
- ☐ Voyager
- ☒ Borders and Labels
- ☒ Places
- ☐ Photos
- ☒ Roads
- ☐ 3D Buildings
- ☐ Ocean
- ☐ Weather
- ☐ Gallery
- ☐ Global Awareness
- ☐ More
- ☐ Terrain



Sign in





# Inventory

## Fixed radius plot

1. Trees per acre
2. Height
3. Diameter at breast height
4. Live crown ratio

## Observations

1. Forest health
2. Understory plants
3. Understory regeneration
4. Wildlife structures (snags & logs)
5. Invasive species
6. Storm damage
7. Suppression mortality



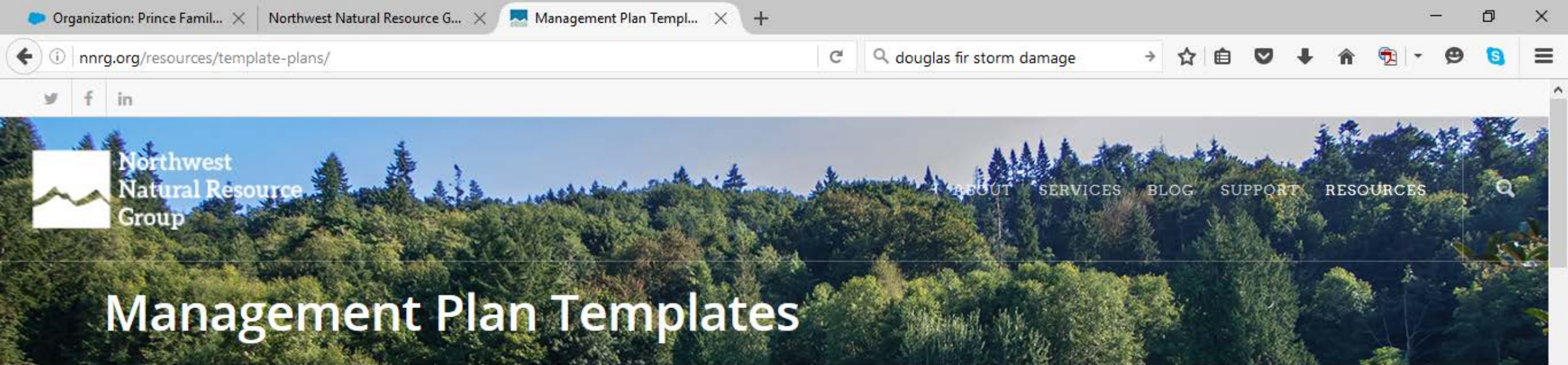
Trees per Acre	Recommended Plot Size	Plot Radius
800+	1/100 <sup>th</sup> acre	11.8'
400-800	1/50 <sup>th</sup> acre	16.7'
150-400	1/20 <sup>th</sup> acre	26.3'
75-150	1/10 <sup>th</sup> acre	37.2'
75 or less	1/5 <sup>th</sup> acre	52.7'



# First Steps for New Forest Owners

1. Educational materials
2. Professional foresters
3. Aerial photos
4. Resource maps
5. Mapping your land
6. Forest inventory
7. Forest management plan





You have a wide variety of reasons for owning your land. A management plan is an excellent means to better know your forest, its history, its context within the landscape, as well as document your goals and accomplishments.

Map out your vision for your forest and future generations.

The following are a selection of forest management plan templates:

1. [Integrated Forest Management Plan](#)
2. [Sample Forest Mngt. Plan #1 \(4 MB\)](#)
3. [Sample Forest Mngt. Plan #2 \(200 KB\)](#)
4. [Sample Forest Mngt. Plan #3 \(2 MB\)](#)
5. [Sample Forest Mngt. Plan #4 \(HTML\)](#)
6. [Sample Forest Mngt. Plan #5 \(339 KB\)](#)

Forest stewardship planning courses:

- [WSU Coached Stewardship Planning Program](#)
- [OSU Land Steward Program](#)

#### SUBSCRIBE TO OUR E-NEWSLETTER

First Name \*

Last Name

Email \*

ZIP

Type the text shown: \*



1. [Integrated Forest Management Plan](#)
2. [Sample Forest Mngt. Plan #1 \(4 MB\)](#)
3. [Sample Forest Mngt. Plan #2 \(200 KB\)](#)
4. [Sample Forest Mngt. Plan #3 \(2 MB\)](#)
5. [Sample Forest Mngt. Plan #4 \(HTML\)](#)
6. [Sample Forest Mngt. Plan #5 \(339 KB\)](#)

Forest stewardship planning courses:

- [WSU Coached Stewardship Planning Program](#)
- [OSU Land Steward Program](#)
- [OSU's annual Tree School](#)

On-line tools for forest stewardship planning:

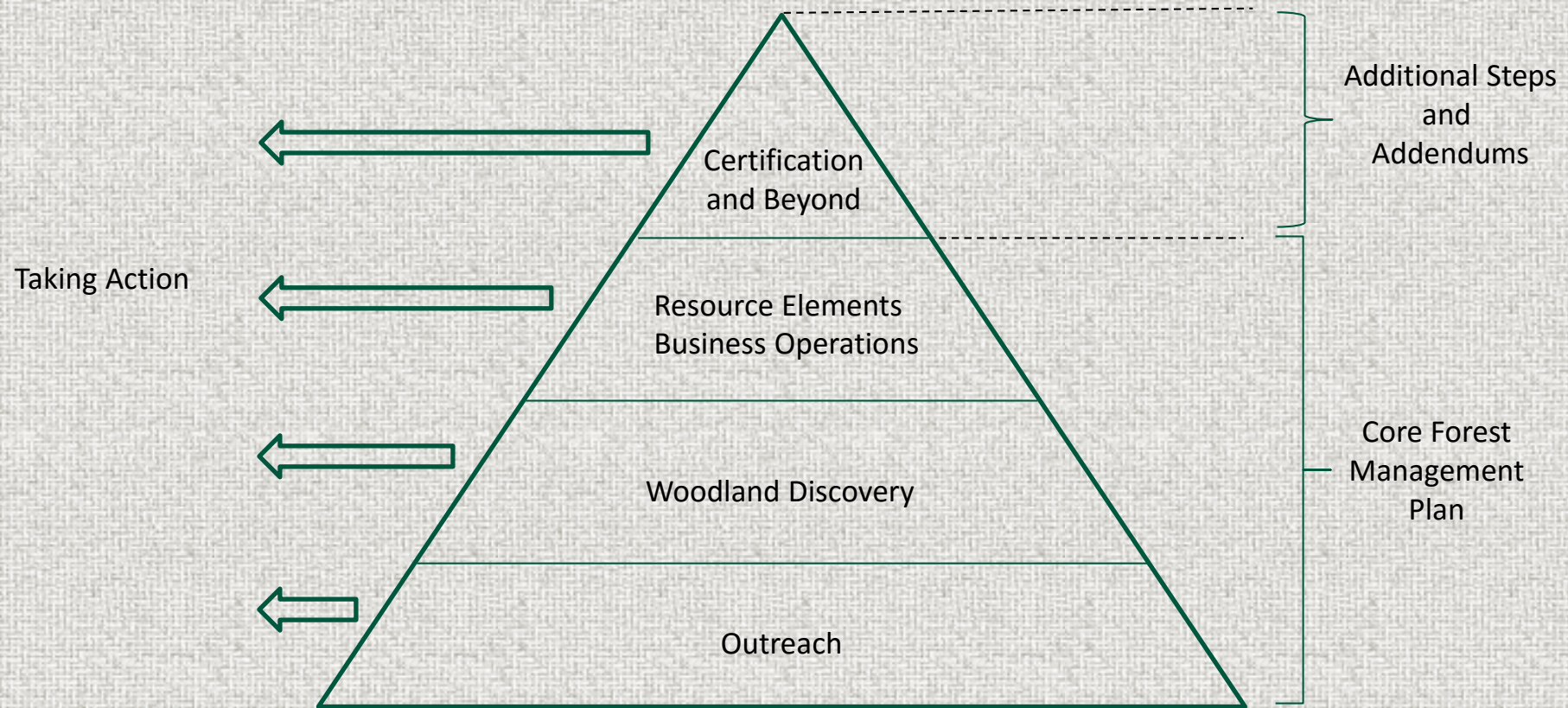
- [Forest Planner from Ecotrust](#)
- [My Land Plan from American Forest Foundation](#)
- [Seedlot Selection Tool from OSU](#)
- [King County Forest Climate Preparedness and Response](#)

Guides to writing management plans, measuring stands, and preparing for a timber harvest:

1. [WSU Forest Management Planning Guidebook](#)
2. [WSU's Managing a Timber Sale](#)
3. [WSU's A Primer for Timber Harvesting](#)
4. [OSU's Land Measurement and Survey](#)
5. [Timber sale revenue worksheet](#)
6. [Timber sale task checklist](#)




# Pathways to Stewardship











# Oregon's Forest Management Planning System



## Oregon Forest Management Planning

home » oregon forest management planning

### Plan Writing Tools and Guidance




- **Why an Oregon Forest Management Planning System?**  
A cooperative effort
- **Oregon Forest Management Plan Guidelines - Downloadable**  
Downloadable Adobe PDF document for plan writers' reference
- **Oregon Forest Management Plan Guidelines - Online**  
Includes additional supporting information explaining the Oregon Uniform Plan guidelines, for plan writers and landowners
- **Oregon Forest Management Plan Template**  
Downloadable and fillable documents
- **Reviewing and Updating A Management Plan**  
A few thoughts
- **Resources, Tools & Useful Links**  
Supporting information sources and websites
- **Cooperators**  
Partners behind this project

OSU Extended Campus and Educational Outreach





▼ Oregon Forest Management Planning  
» Forest Management Planning: A Visual Guide

## Oregon's Forest Management Plan Guidelines

July 2013









# Checklist – Plan Requirements for Certification

- Cover Page
- Table of Contents
- Landowner, Property, Plan Information
- Property Description
- Goals and Objectives
- Maps and Photos
- Soils
- Water Resources
- Forest Vegetation
- Integrated Pest Management
- Fish and Wildlife
- Roads
- Access and Security
- Wildfire Protection
- Aesthetics and Recreation
- Cultural Resources
- Tax and Business Management
- Schedule of Planned Actions
- Regulatory Compliance
- Signature Page

<input type="checkbox"/>	Cover Page	Date Completed:	
<input type="checkbox"/>	Table of Contents	Date Completed:	
<b>WOODLAND DISCOVERY</b>			
<input type="checkbox"/>	Landowner, Property and Plan Information	Date Completed:	
<input type="checkbox"/>	Property Description:	Date Completed:	
<input type="checkbox"/>	Background and History	Date Completed:	
<input type="checkbox"/>	General Description	Date Completed:	
<input type="checkbox"/>	Terrain and Topography	Date Completed:	
<input type="checkbox"/>	Current Uses	Date Completed:	
<input type="checkbox"/>	Landscape Context	Date Completed:	
<input type="checkbox"/>	Goals and Objectives	Date Completed:	
<input type="checkbox"/>	MAPS AND PHOTOS	Date Completed:	
<input type="checkbox"/>	WHERE TO GET HELP	Date Completed:	
<b>SOIL AND WATER</b>			
<input type="checkbox"/>	Soils	Date Completed:	
<input type="checkbox"/>	Water Resources	Date Completed:	
<b>FOREST VEGETATION</b>			
<input type="checkbox"/>	Forest Vegetation:	Date Completed:	
<input type="checkbox"/>	High Conservation Value Forests	Date Completed:	
<input type="checkbox"/>	Integrated Pest Management	Date Completed:	
<input type="checkbox"/>	<b>FISH AND WILDLIFE</b>	Date Completed:	



# Resource Conditions – Turning Needs into Opportunities

## Current (Problems)

- Invasive Plants
- 100% crown cover
- Small crown ratios
- Extensive deer browse
- Slumping road
- Blocked fish passage
- Unknown property lines

## Desired (Opportunities)

- Improve Habitat
- Thinning
- Clear-cut
- Game Management
- Road relocation
- Put in a bridge
- Survey boundaries



# Management Actions

*Gets you from current conditions to desired conditions by fixing a problem or taking advantage of an opportunity*

- Thin a stand
- Conduct a salvage/sanitation harvest
- Harvest mushrooms or floral greenery
- Repair/improve a road segment
- Replace a stream crossing culvert
- Control unwanted vegetation
- Engage family/friends by having camping weekends



# Develop a Timeline

- Determine when each item should be completed.



Priority	Action Item	Action Date
1	Repair main Road	Nov 2006
2	Control Scotchbroom	May 2008
3	Thin Unit B	Sept 2006
4	Harvest Unit C	Sept 2007



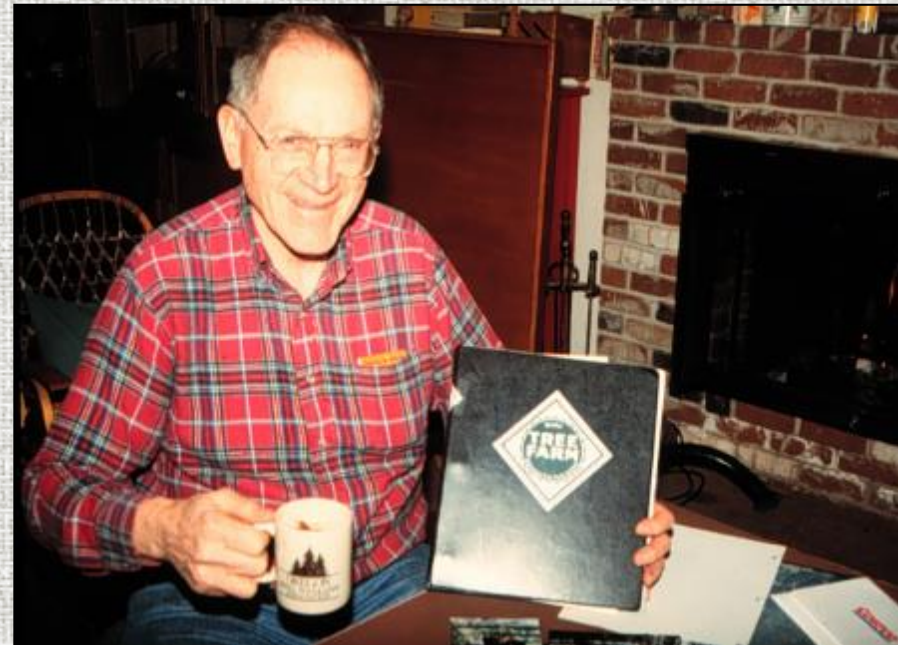
# Assign Responsibility

Priority	Action Item	Action Date	Work to be done by...
1	Repair main Road	Nov 2006	Self – hand tools
2	Control Scotchbroom	May 2008	Self – borrow backpack sprayer from Service Forester
3	Thin Unit B	Sept 2006	Contract w/ logger
4	Harvest Unit C	Sept 2006	Contract w/ logger



# Final Result

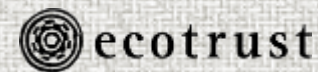
- Contented Landowner
- Tree Farm or other Certification
- Forest Stewardship
- Future Forests



## Questions/Comments



This program is part of the Partnership for Forestry Education and is made possible through a grant from the US Forest Service, State & Private Forestry. Partners include:





So you Bought a forest...now what???

