

# Collaborative forest management in Jefferson County ... it's complex!

Innovation and new tools in forestry and carbon

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# County Owned Forest Land



1800

Acres of land owned by  
Jefferson County

300

Parcels of land, most under  
10 acres each

80%

Covered in forest

# Jefferson County Forestry Program

## 2019 Feasibility Study

- Focused on environmental (Jefferson County forest inventory), economic (financially viable), and community (dispersed parcels, how to manage for community benefits)

## 2020-2021 Pilot Project

### Forest health improvement and ecological restoration

- Selective thinning in high-risk forests for forest restoration
- Forest management policy
- Economic stability and community development

# Jefferson County '20-21 Pilot Summary

| Site          | Acres Harvested | MBF           | Volume per Acre (MBF) | JC Total Revenue    | JC Revenue/Acre  |
|---------------|-----------------|---------------|-----------------------|---------------------|------------------|
| Chimacum Park | 38              | 376           | 9.9                   | \$ 86,026.49        | \$ 2,263.86      |
| Beausite      | 100             | 377           | 3.8                   | \$ 28,374.05        | \$ 283.74        |
| CG Gravel     | 14              | 5.8           | 0.4                   | \$ 13,933.81        | \$ 995.27        |
| Trailhead     | 36              | 144           | 4.0                   | \$ (42,557.80)      | \$ (1,182.16)    |
| <b>Totals</b> | <b>188</b>      | <b>902.80</b> | <b>4.52</b>           | <b>\$ 85,776.55</b> | <b>\$ 590.18</b> |

County has net revenue of \$85k from harvest revenue  
 Chickadee Forestry contract over 2019-2021 totaled \$56k  
*Roughly \$29k profit margin for forest restoration to County to date*



# Example: Chimacum County Park

36 acres forest

Commercially planted, DNR trade property

Approx 70+ yrs old

Average 20% crown ratios, mortality

270 Trees per acre, thin to 180 trees per acre

Avg 13' spacing, thin to avg 18' spacing

300+ MBF, mix of pulp and saw logs

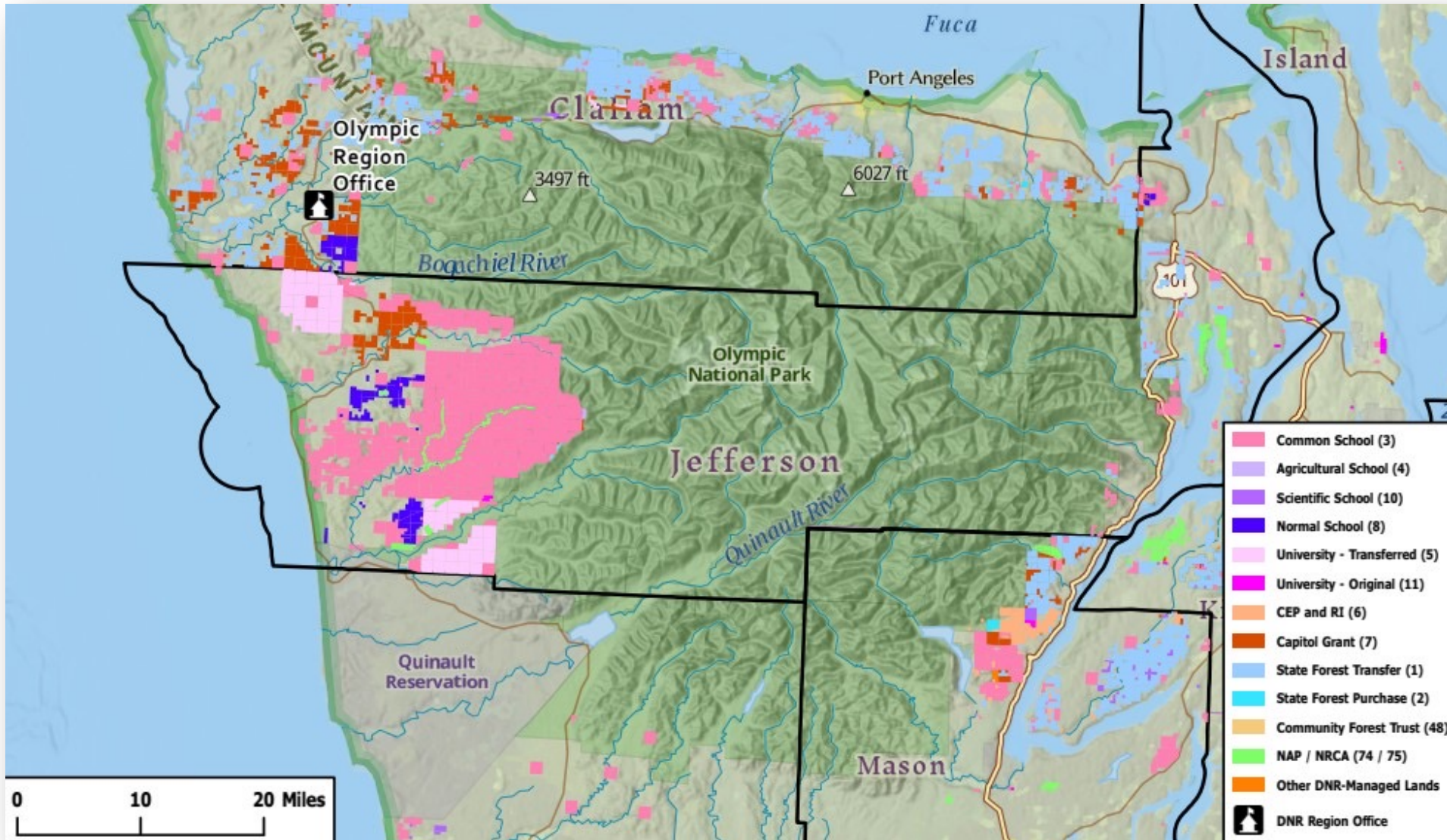
## Results:

**40 acres forest restored, 376 MBF harvested, net revenue \$86k**

**300+ trees planted, park maintenance, hazard trees removed**

**Sign installation, DOR example, and Portland airport**

# DNR Managed Lands in Jefferson County



# DNR Managed Trust Lands in Jefferson County

|                                  | Forested       | Non-forested | Total Acres    |
|----------------------------------|----------------|--------------|----------------|
| 01 - State Forest Transfer       | 13,930         | 776          | 14,706         |
| 02 - State Forest Purchase       | 16             | 0            | 16             |
| 03 - Common School and Indemnity | 133,061        | 6,202        | 139,263        |
| 04 - Agricultural School         | 157            | 0            | 157            |
| 05 - University - Transferred    | 27,570         | 1,234        | 28,805         |
| 07 - Capitol Grant               | 8,093          | 527          | 8,620          |
| 08 - Normal School               | 8,914          | 336          | 9,251          |
| 11 - University - Original       | 392            | 23           | 416            |
| <b>Total Acres</b>               | <b>192,133</b> | <b>9,908</b> | <b>201,234</b> |

# DNR Management Tools

| Tool                         | Description   | Timeframe | Themes                                    |
|------------------------------|---|-----------|---|
| <b>Direct Transfer</b>       | Allows trust land to be transferred to eligible recipients, at fair market value, which allows the recipient to use these lands for any purpose that is consistent with local zoning. DNR to reinvest the revenue back into the purchase of replacement lands for the same trust. | Short-Mid | Revenue Generation, Timber, Carbon stored |
| <b>Forest Carbon Leasing</b> | Allows DNR to enter into leases for carbon projects on the voluntary market, for a term of 40 to 99 years.  | Mid-Long  | Carbon stored, Conservation               |
| <b>Land Exchange</b>         | Exchange of county trust land for non-trust land of equal value.  | Mid       | Revenue Generation                        |
| <b>Land Pooling</b>          | New trust land can be purchased for two or more counties with an agreement to share revenue generated from the land.  | Mid-Long  | Revenue Generation, Timber, Carbon stored |
| <b>Reconveyance</b>          | Returns state forest trust lands to county ownership to be managed as park space, consistent with State Outdoor Recreation Plans  | Long      | Conservation                              |
| <b>Trust Land Transfer</b>   | Allows DNR to work with eligible recipients to reposition state forest trust lands to be managed for ecological or recreation purposes and purchase replacement land for sustainable revenue for the same trust.  | Short-Mid | Conservation, Carbon stored               |



# DNR Management Tools: New Funding

| Tool                           | Description   | Timeframe | Themes       |
|--------------------------------|---|-----------|--------------|
| <b>Avoided Conversion</b>      | <b>\$70 million</b> to purchase new forestland, prioritizing lands at risk of conversion to a non-forested use, in order to offset the transfer of up to 2,000 acres of structurally complex, carbon dense state trust forest lands out of trust status in counties west of the Cascade mountains, all of Skamania county, and the western portion of Klickitat county. | 2023-2025 | Multiple use |
| <b>Silviculture</b>            | <b>\$13.1 million</b> for silvicultural treatments to enhance forest stand growth on managed trust lands in western Washington.   | 2023-2025 | Multiple use |
| <b>Engagement and Analysis</b> | <b>\$2.5 million</b> to conduct a regional wood basket analysis of current timber supply and the impacts of potential management changes on supply, and to convene a stakeholder group that will collaborate on approaches related to the conservation and management of structurally complex forest stands.  | 2023-2025 | Multiple use |
| <b>Engagement and Analysis</b> | <b>\$1.5 million</b> to convene a stakeholder group to conduct an ecosystem services inventory and develop a state trust lands ecosystem services asset plan to generate revenue, reduce GHG emissions and increase carbon storage.   | 2023-2025 | Multiple use |

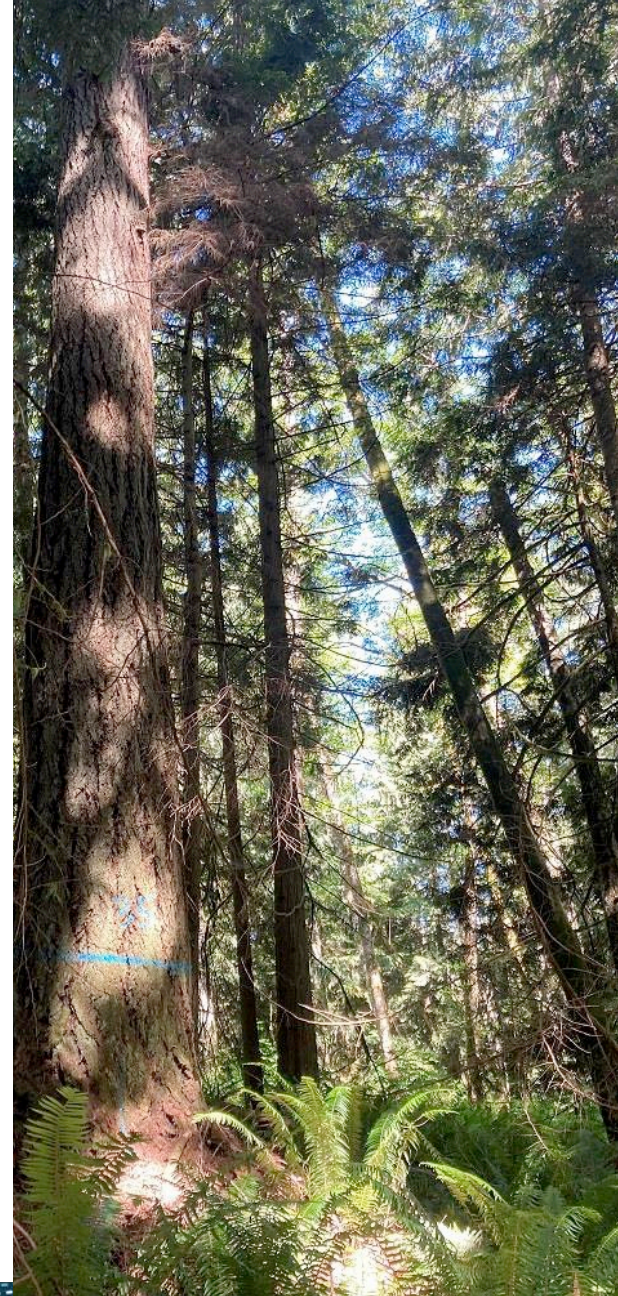
# Seize the day. Stars aligning. New tools in the toolbox. All the sayings...

**CPL Franz to Jefferson County Commissioners on June 7, 2023:**

*...I would like to invite you to work with me and my team to develop a strategy for how DNR manages the county forest trust lands in your County. I am seeking your collaboration and input so that together we can make decisions that reflect our shared values and your vision for your County, while considering the many, varied needs of our shared constituents. I know that we are all deeply committed to creating a healthy and sustainable environment in the face of a rapidly changing climate while continuing to grow a strong economy and meet the critical financial needs of your communities. I suggest we start this conversation with a deep dive into the county trust lands that DNR currently manages on your behalf and the suite of management tools available...*

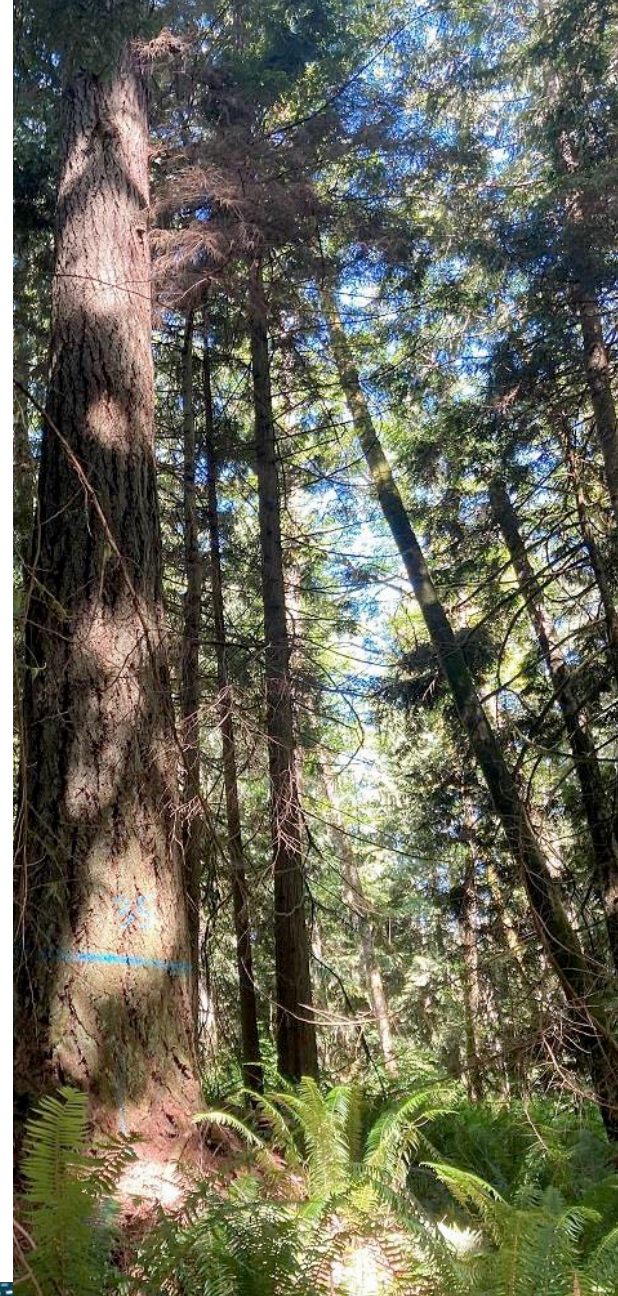
**Reply from Jefferson BOCC to CPL Franz on June 27, 2023:**

*We “are very interested in the collaboration you propose, and we look forward to working with you and your team on the next steps. We are also writing to express our interest in being actively involved in all aspects of the implementation of the new Natural Climate Solutions (NCS) investments and in the next round of the revitalized Trust Land Transfer program. As you say in your June 7 letter – it is great to have these new tools! We are especially excited about the potential for an even more robust forest products economy in Jefferson County than we have had for sometime via the allowances for replacement lands via the NCS proviso.”*

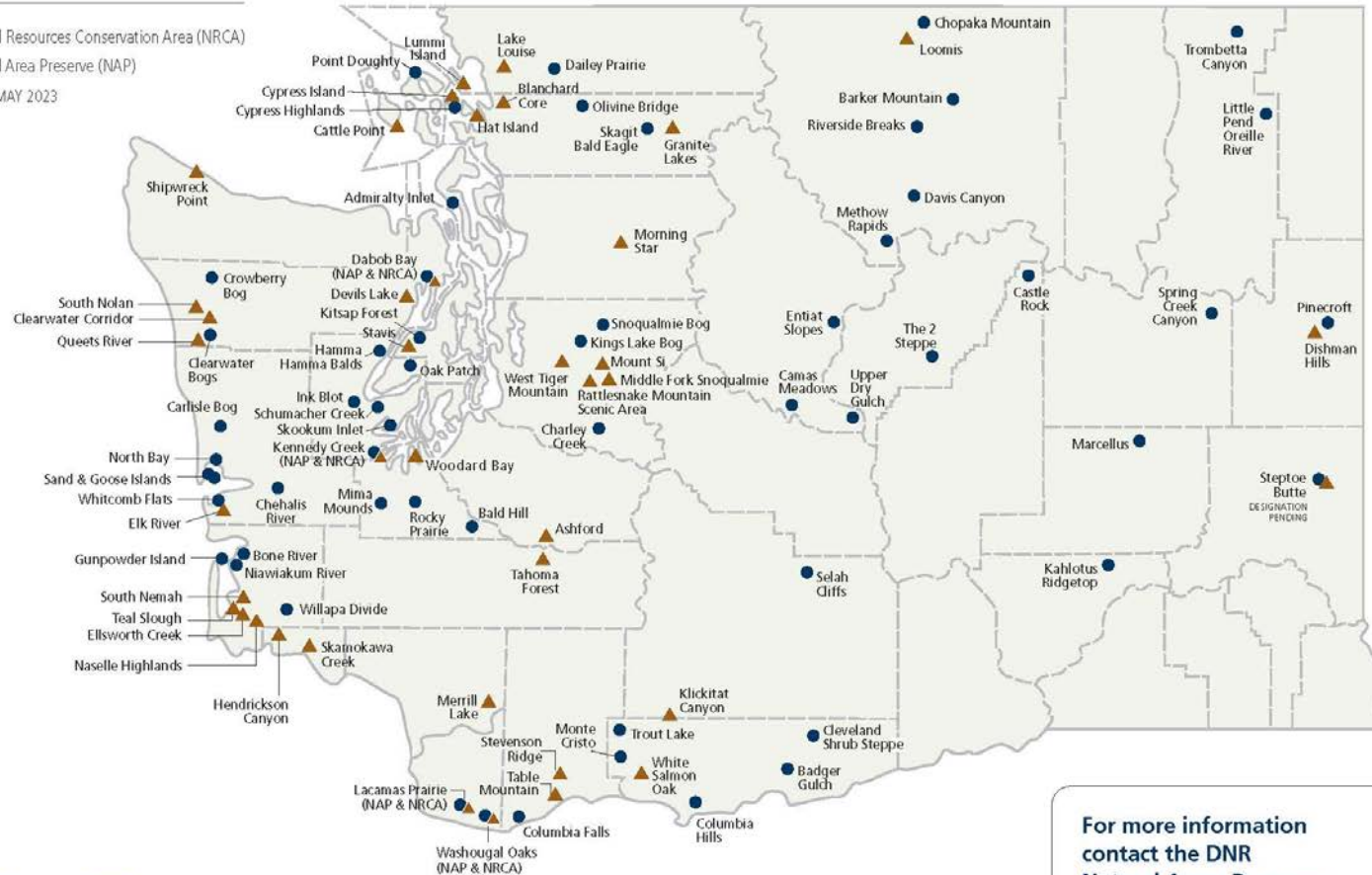


# Potential collaboration pathways with DNR we covered in our letter:

- Natural Area expansion for Dabob Bay
- Trust Land Transfer
- Replacement Lands for encumbered lands and Trust Land Transfer parcels
- Protection of structurally complex forests via legislative proviso
- Reconveyance



▲ Natural Resources Conservation Area (NRCA)  
 ● Natural Area Preserve (NAP)  
 AS OF MAY 2023



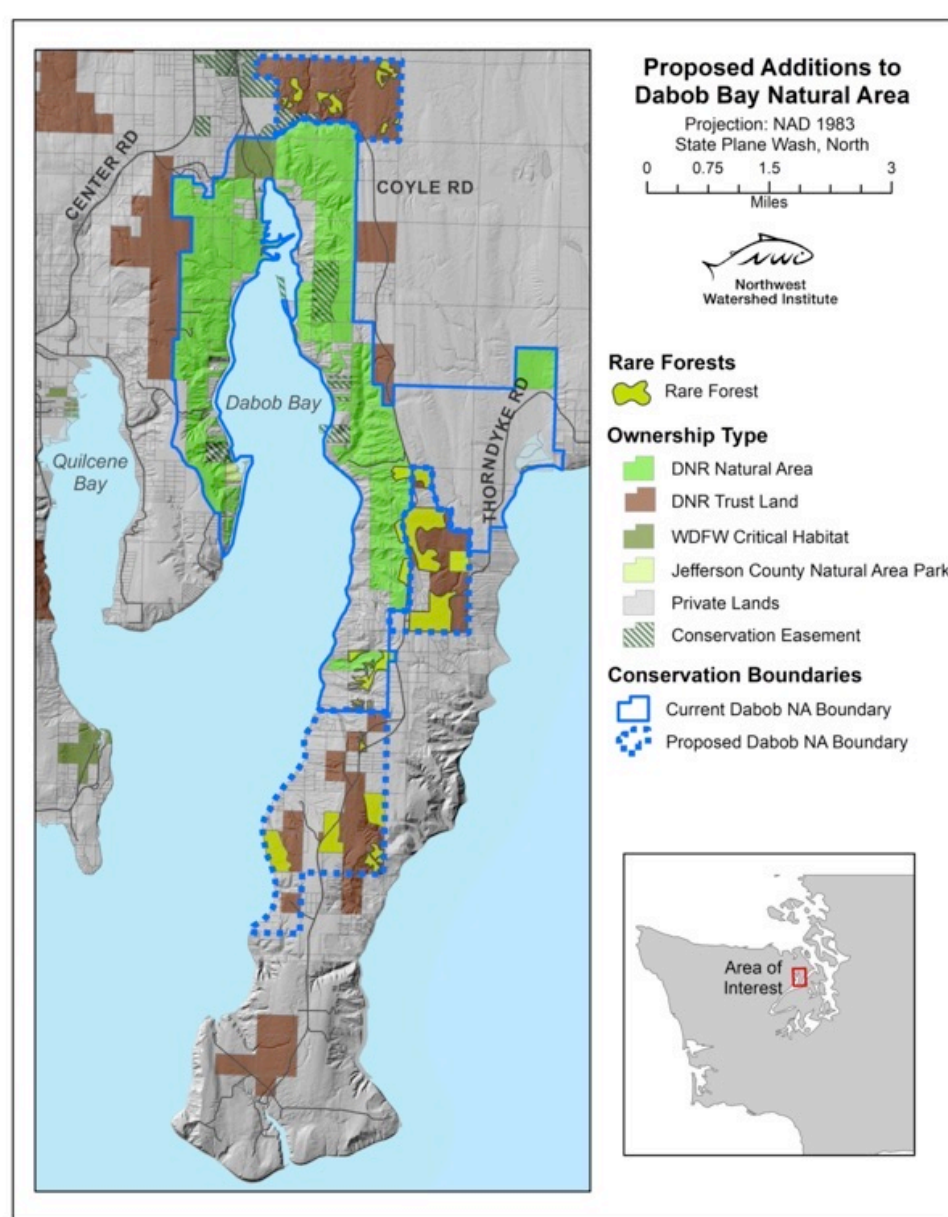
## Exceptional Places

Quality examples of Washington's native grasslands, woodlands, marshes and more are protected in natural areas managed by the Department of Natural Resources (DNR). These special sites offer opportunities for research and education. Some have interpretive or recreation trails. Others require DNR permission to visit because features are sensitive to human disturbance.

For more information  
 contact the DNR  
 Natural Areas Program  
 PO Box 47014  
 Olympia, WA 98504-7014  
 360-902-1600  
 TRS: 711  
[dnr.wa.gov](http://dnr.wa.gov)

# In it for the long haul... the Dabob Bay Natural Area story ca. 2008





# DNR's Trust Land Transfer

## Repositions trust assets by:

1. Transferring underperforming state trust lands out of trust status to a receiving agency.
2. Replacing the transferred parcel with lands that can generate revenue for trust beneficiaries.

## How does it work?

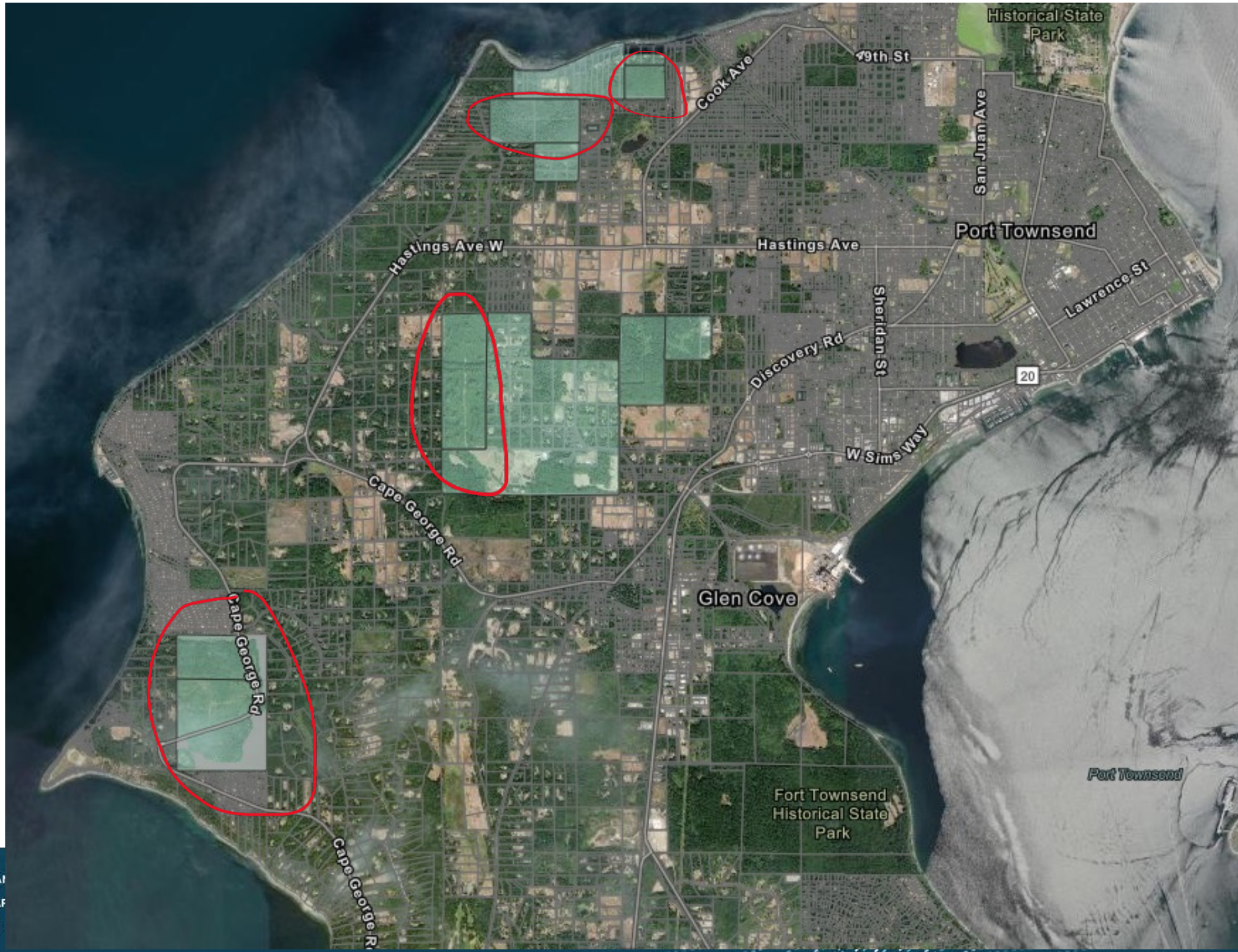
- Receiving agencies include DNR's Natural Areas Program, another state agency, a tribe, a non-profit organization, or a city or county.
- Receiving agency manages parcel to preserve ecological values and public benefits.
- Legislative funding is used to purchase replacement lands that generate revenue for the trusts.



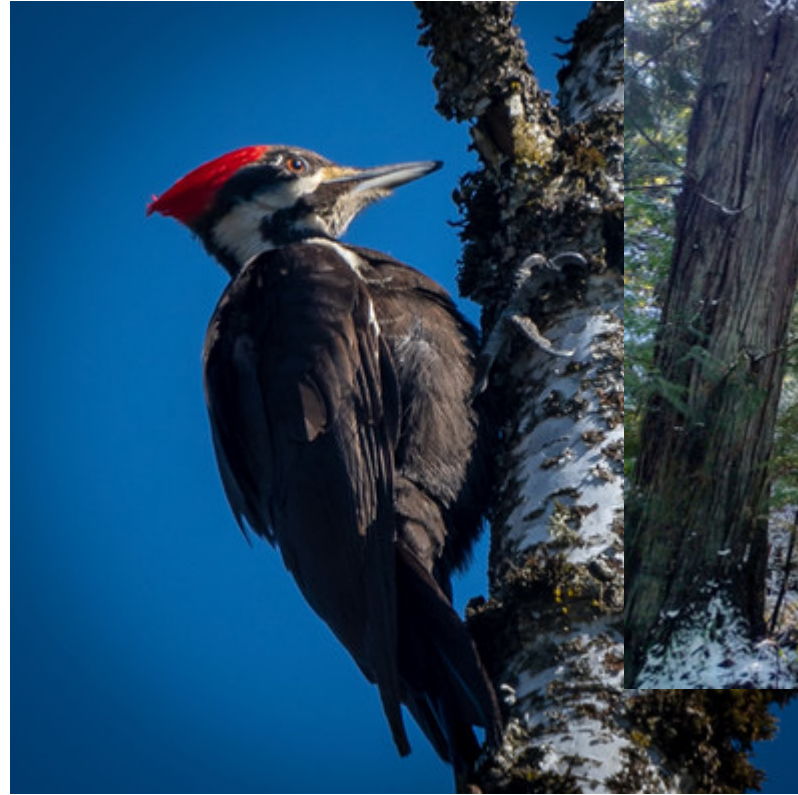




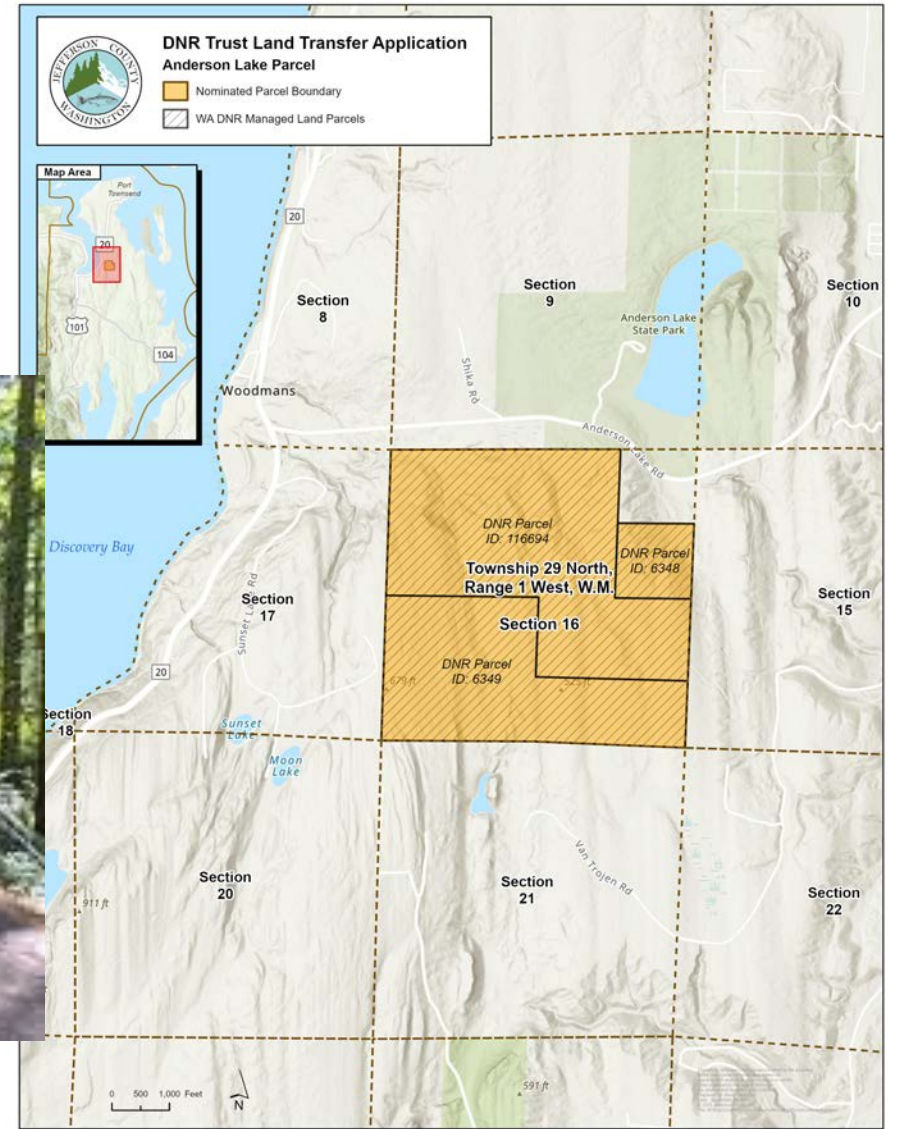
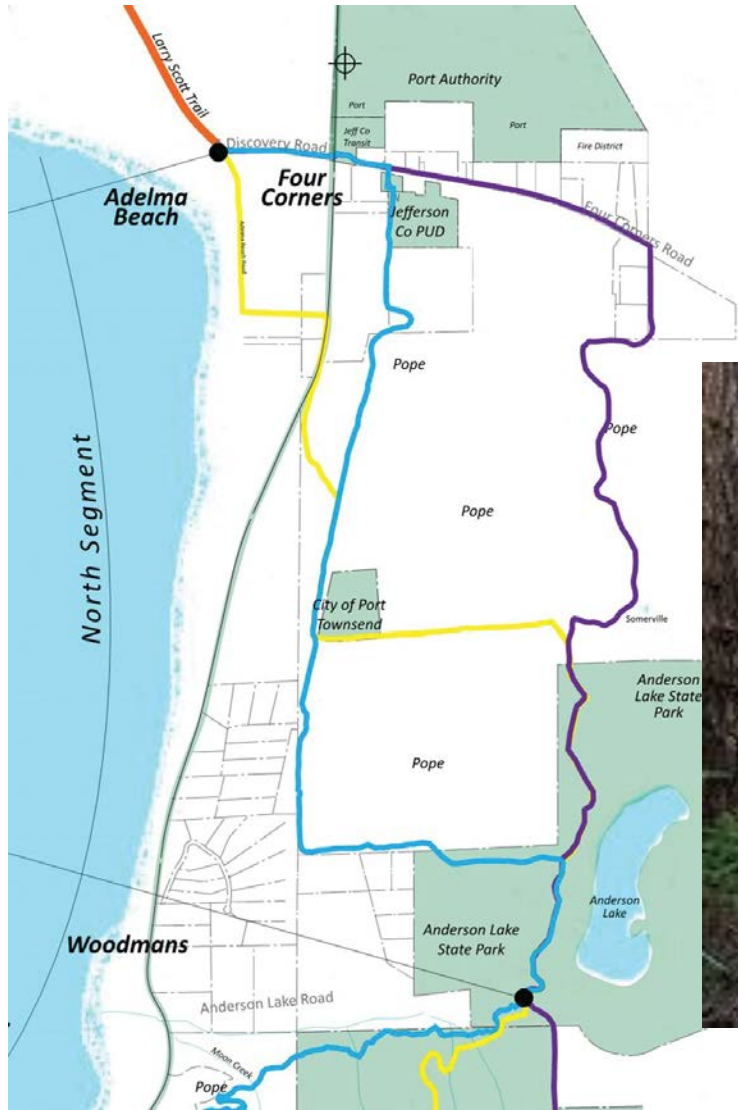
What's next?



# Cape George parcel = Quimper Lost Wilderness



# Olympic Discovery Trail extension



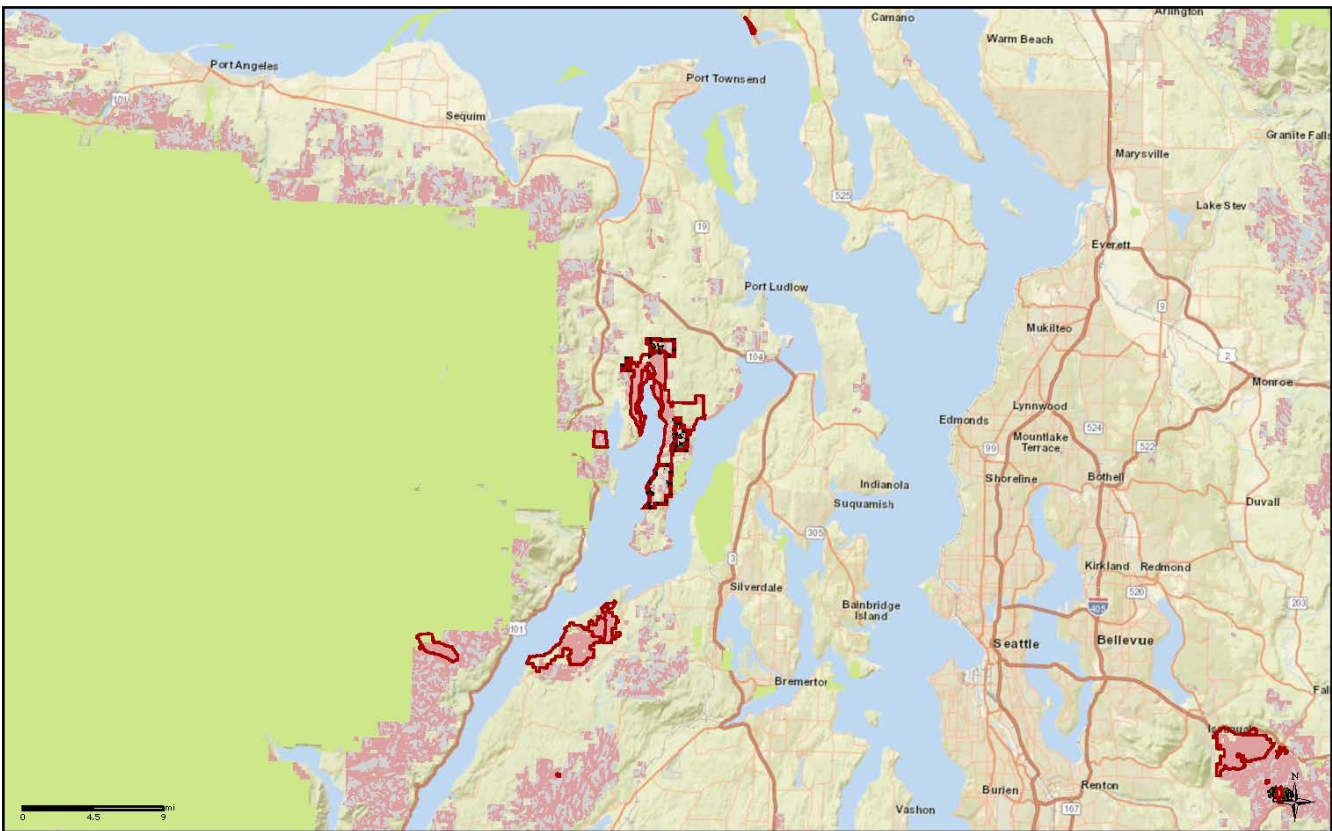
# Questions?



# Extra slides – pending information...



# Jefferson County



Jefferson County  
Dabob  
Proposed Forest Transfer

- Proposed Sites
- Proposed Dabob Natural Area Expansion
- Approved Natural Area Boundaries
- VRH-deferred
- Structural Maturity
- DNR-Managed Lands
- Federal Lands

All data are draft and subject to change.

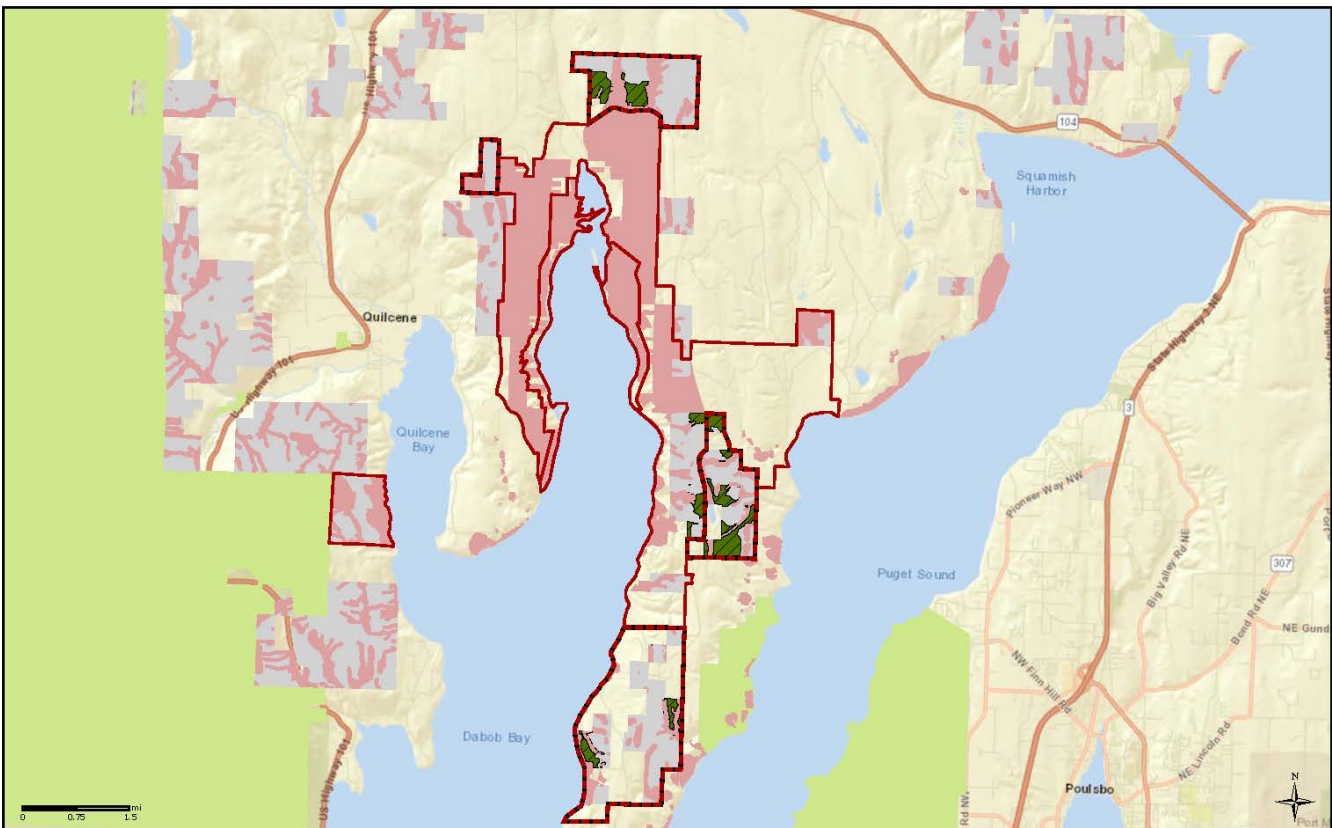


## Avoided Conversion -

### Dabob Bay Natural Area Expansion

| Trusts                      | Acres      |
|-----------------------------|------------|
| State Forest Transfer       | 363        |
| Common School and Indemnity | 65         |
| <b>Grand Total</b>          | <b>428</b> |

# Jefferson County



Jefferson County  
Dabob  
Proposed Forest Transfer

- |   |                                    |                       |
|---|------------------------------------|-----------------------|
| Proposed Sites<br>                        | Planned VRH/LUC (through FY26)<br> | DNR-Managed Lands<br> |
| Proposed Dabob Natural Area Expansion<br> | VRH-deferred<br>                   | Federal Lands<br>     |
| Approved Natural Area Boundaries<br>      | Structural Maturity<br>            |                       |

All data are draft and subject to change.



## Co-benefits

Within and adjacent to existing Natural Area Preserve

Adjacent to federal ownership