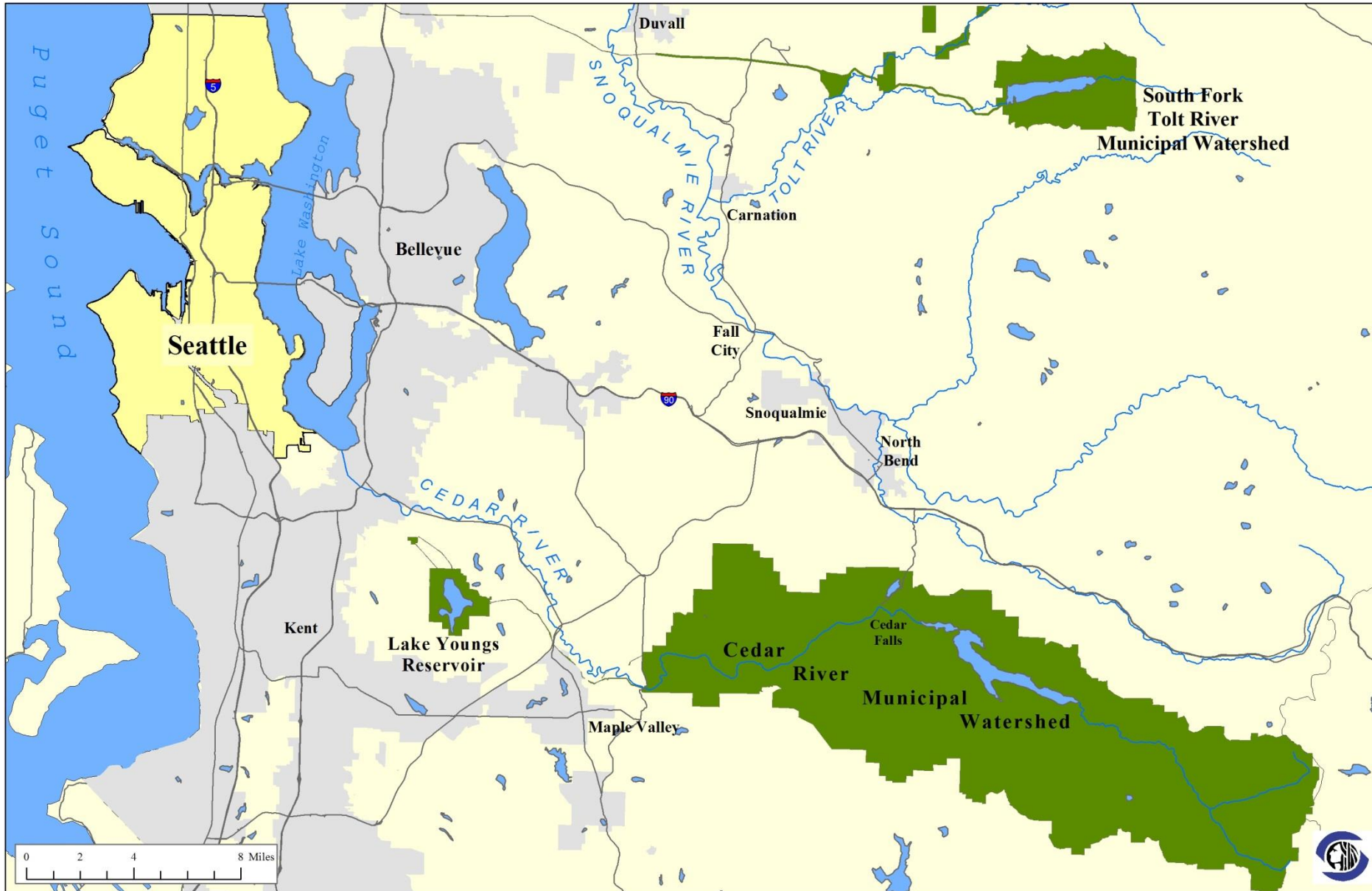


Two Ordinances for Ecological Thinning in the Cedar River and South Fork Tolt River Municipal Watersheds, 2016-2020

August 20, 2015

Vicinity Map



Seattle's Municipal Watersheds contain 100,000 forested acres

Cedar River Watershed

- **Over 90,000 acres**
- **Habitat Conservation Plan (2000)**

South Fork Tolt River Watershed

- **Over 8,000 acres**
- **Tolt Watershed Management Plan (2011)**

Forest Restoration Programs

Goals

Improve forest habitat

Increase forest diversity and resilience



Strategies

Protection

Ecological
Thinning

Planting

Monitoring

Five-year Ecological Thinning Ordinances



- Support forest habitat restoration and forest resilience
- Allow SPU to meet Plan commitments through 2020
- Provide authority to sell surplus logs

Ecological Thinning Approach

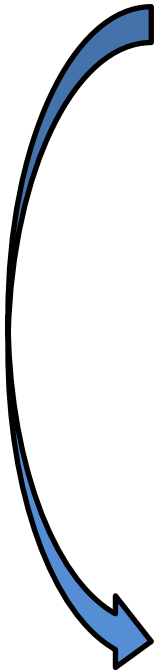


- Leave largest trees
- Retain and plant diverse species
- Create “gaps” and leave “skips”
- Create down wood
- Monitor over time

Thinning for increased tree growth and diversity

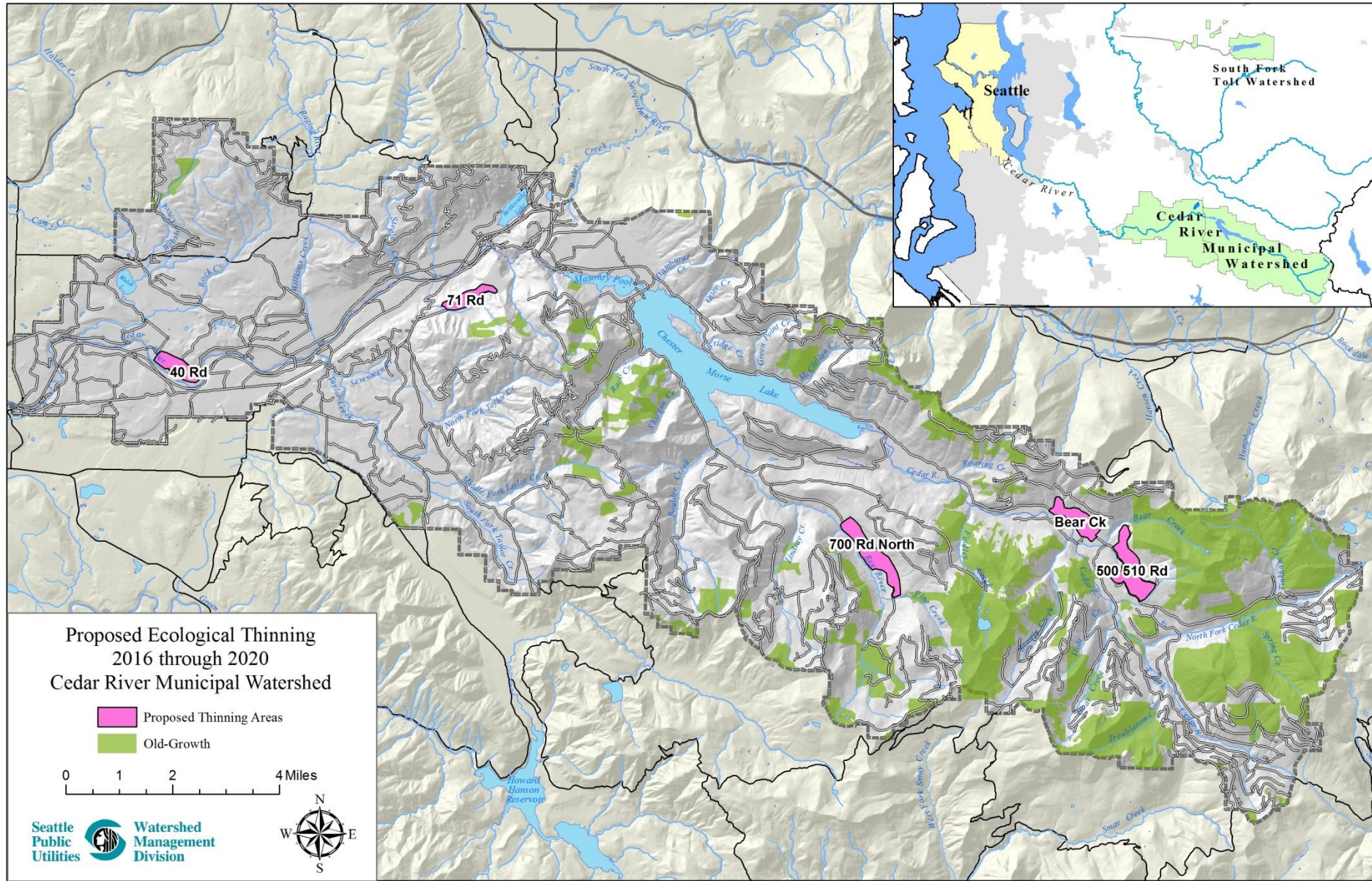


Ecological Thinning

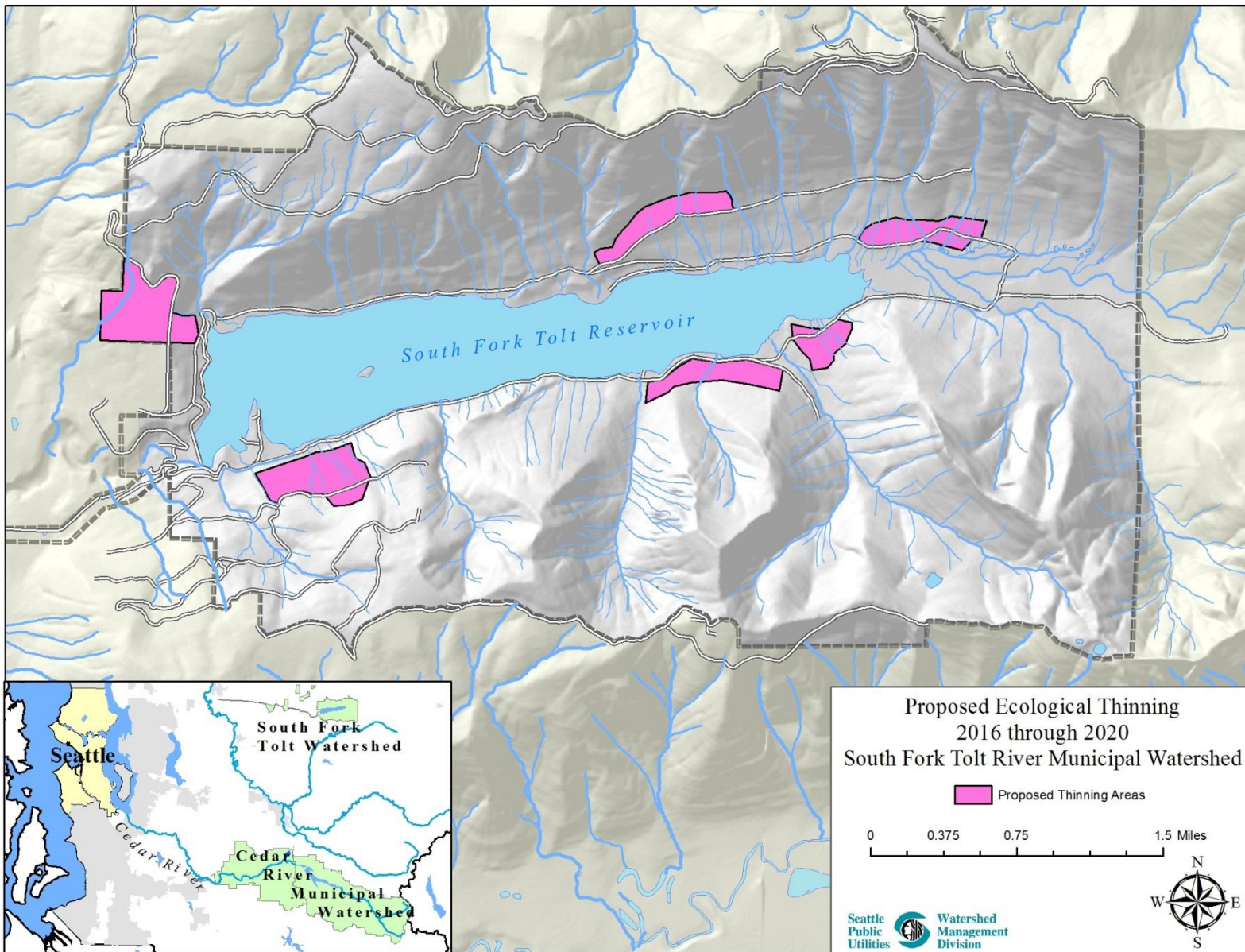


- Thin 800 acres in the Cedar
- Thin 330 acres in the Tolt
- To meet ecological objectives
- Sell logs as surplus
- Offset costs of implementing Plans

2016-2020 Cedar River Project Areas



2016-2020 Tolt River Project Areas



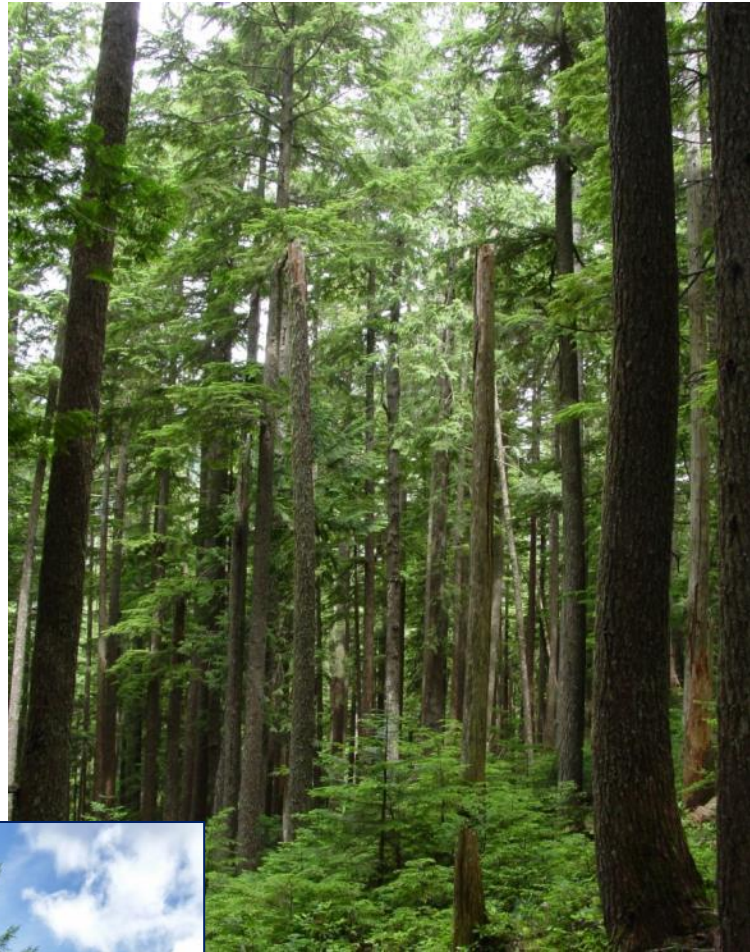
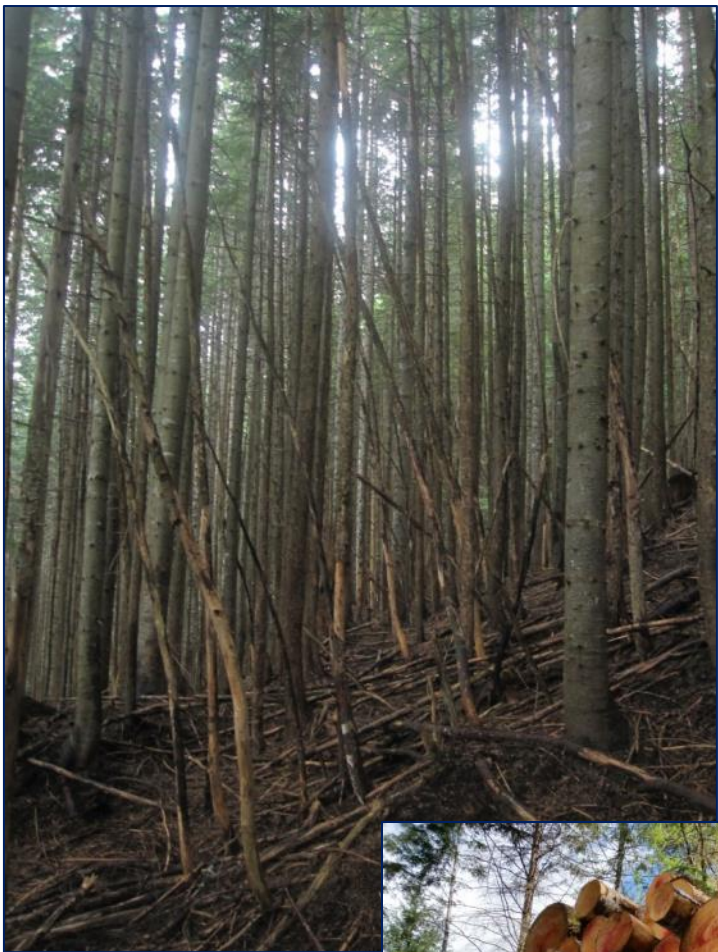
Public Involvement



SPU staff provide regular updates to stakeholders to solicit input and answer questions

Conclusion

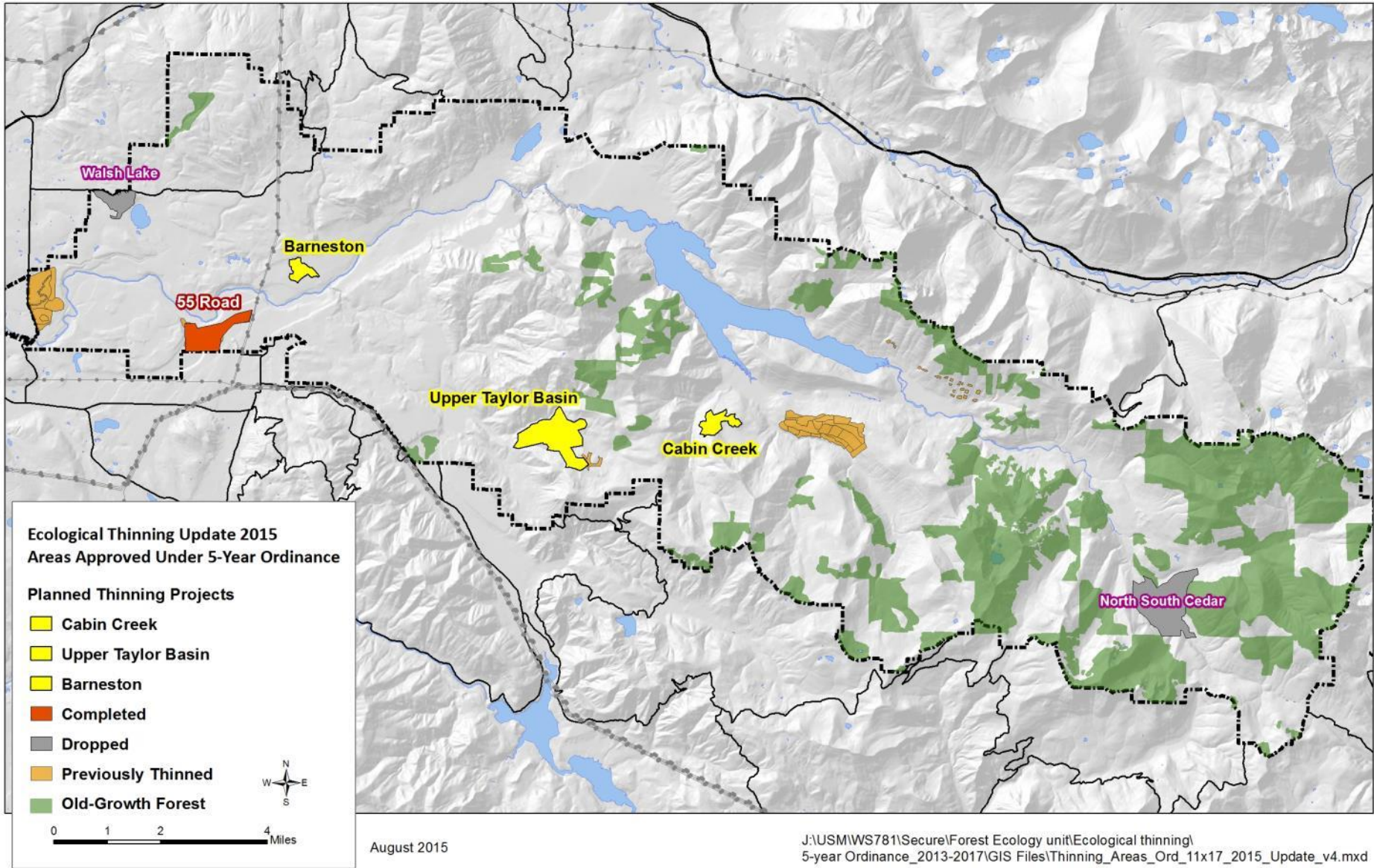
- Five years of surplus log sale
 - Request authority to sell up to 7 million board feet from 800 acres in the Cedar River Watershed (Council Bill 118484)
 - Request authority to sell up to 4 million board feet from 330 acres in the South Fork Tolt River Watershed (Council Bill 118485)
- Variable annual net revenue that will offset costs of implementing the Plans
- Annual reports to Council



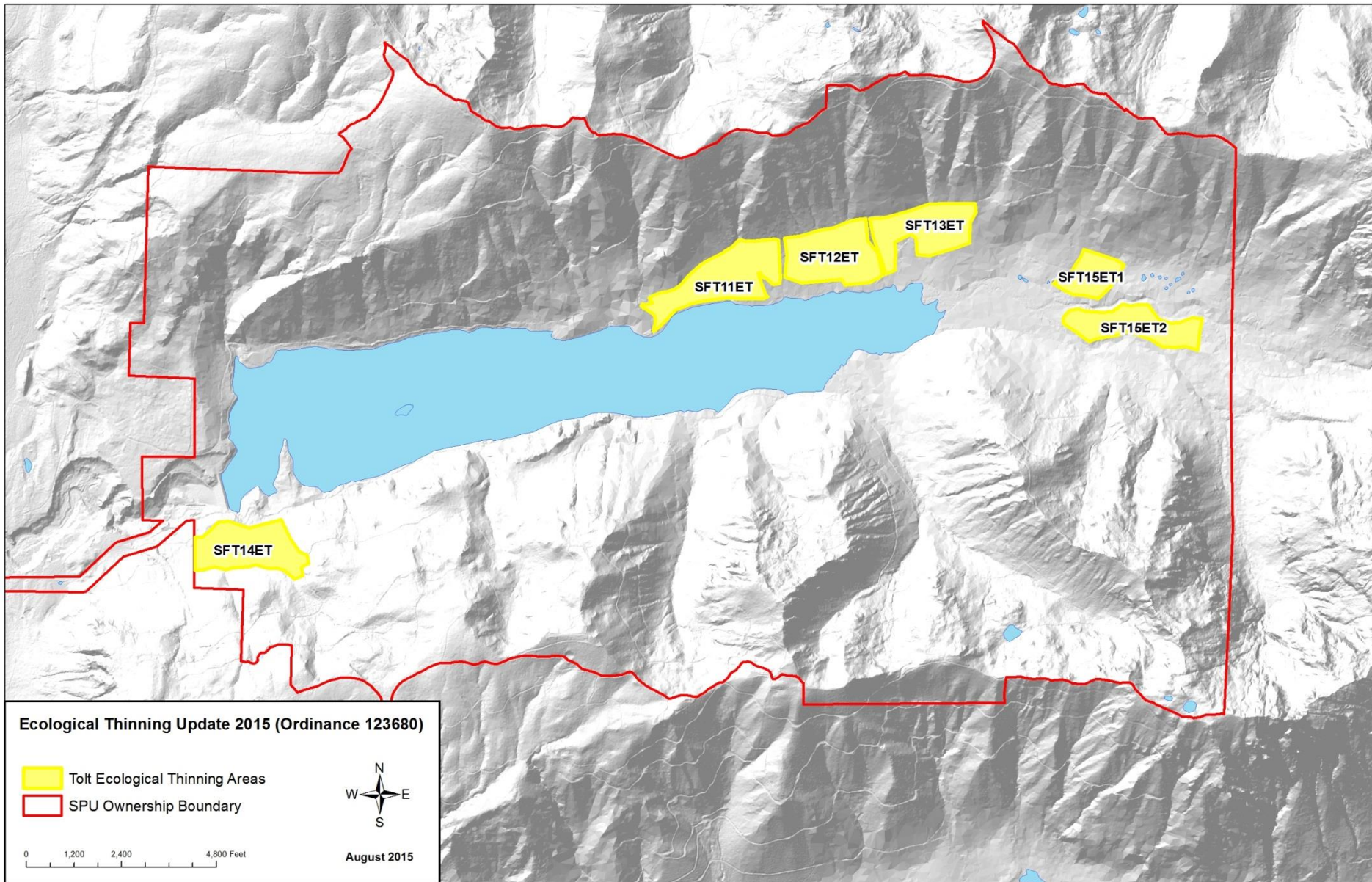
Questions?

The following slides provide Council an update on the last Cedar & Tolt Ecological Thinning ordinances and/or surplus log sales to date....

2015 Status of Ecological Thinning (Ordinance 124068)



2015 Status of Ecological Thinning (Ordinance 123680)



Ecological Thinning Surplus Log Sale Volume, Revenue and Acres by Watershed, 2000-2014

Watershed	Volume (million board feet)	Revenue	Acres
Cedar	5.3	\$578,919	706
Tolt	2.6	\$178,079	171