

REGIONAL WATER UPDATE

April 27, 2016

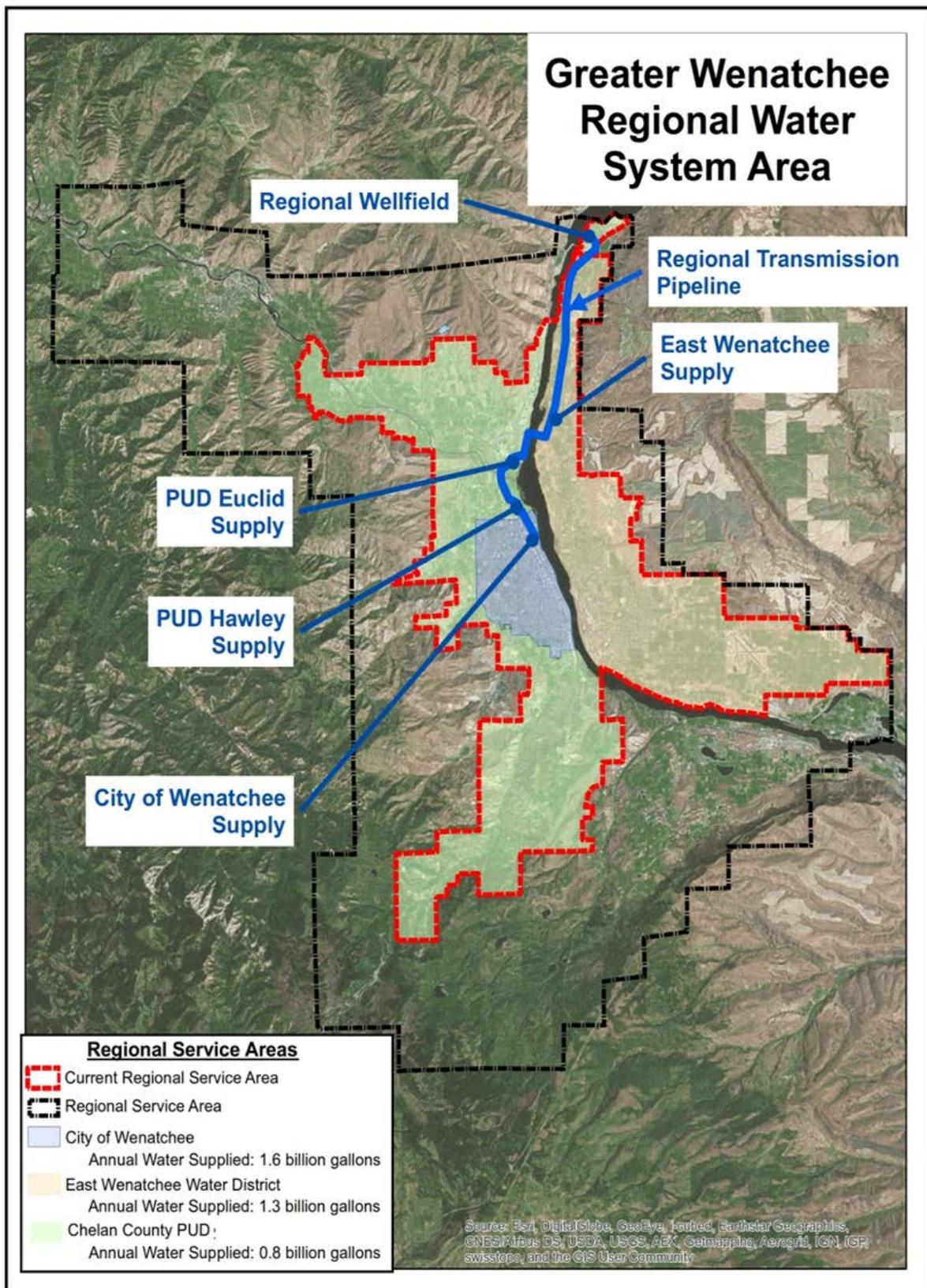


Purpose Today

- Regional supply system and current planning
- Seek feedback
- Discuss next steps

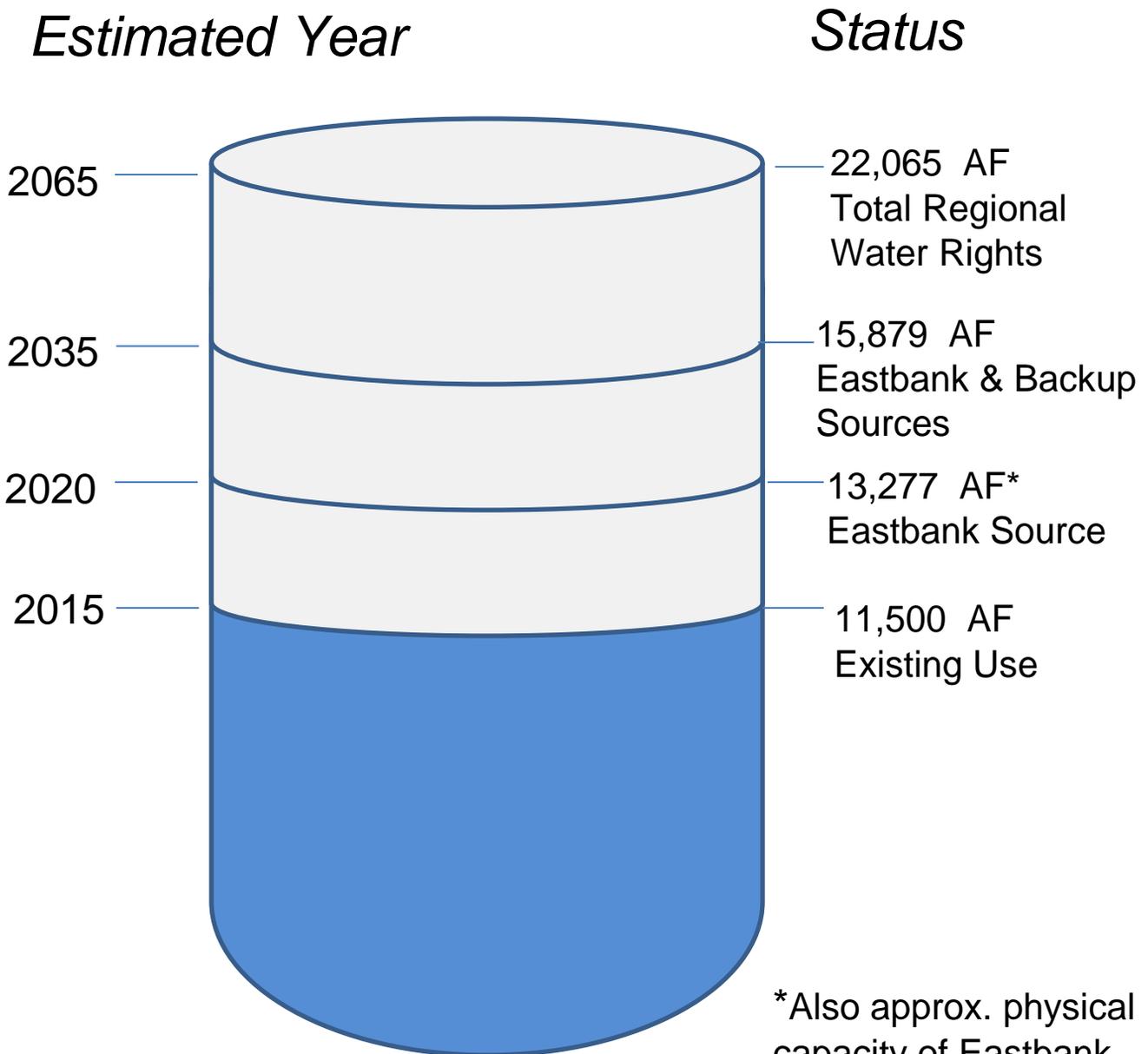
Importance of Current Discussion

- Planning the next 50 years of drinking water supply for Greater Wenatchee and East Wenatchee
- Currently supplies approx. 75,000 people with a single source
- Projected to serve over 100,000 people by 2040
- Reliability and redundancy are vital considerations





Regional Water Rights Summary



*Also approx. physical
capacity of Eastbank
Source

Regional Supply Alternatives

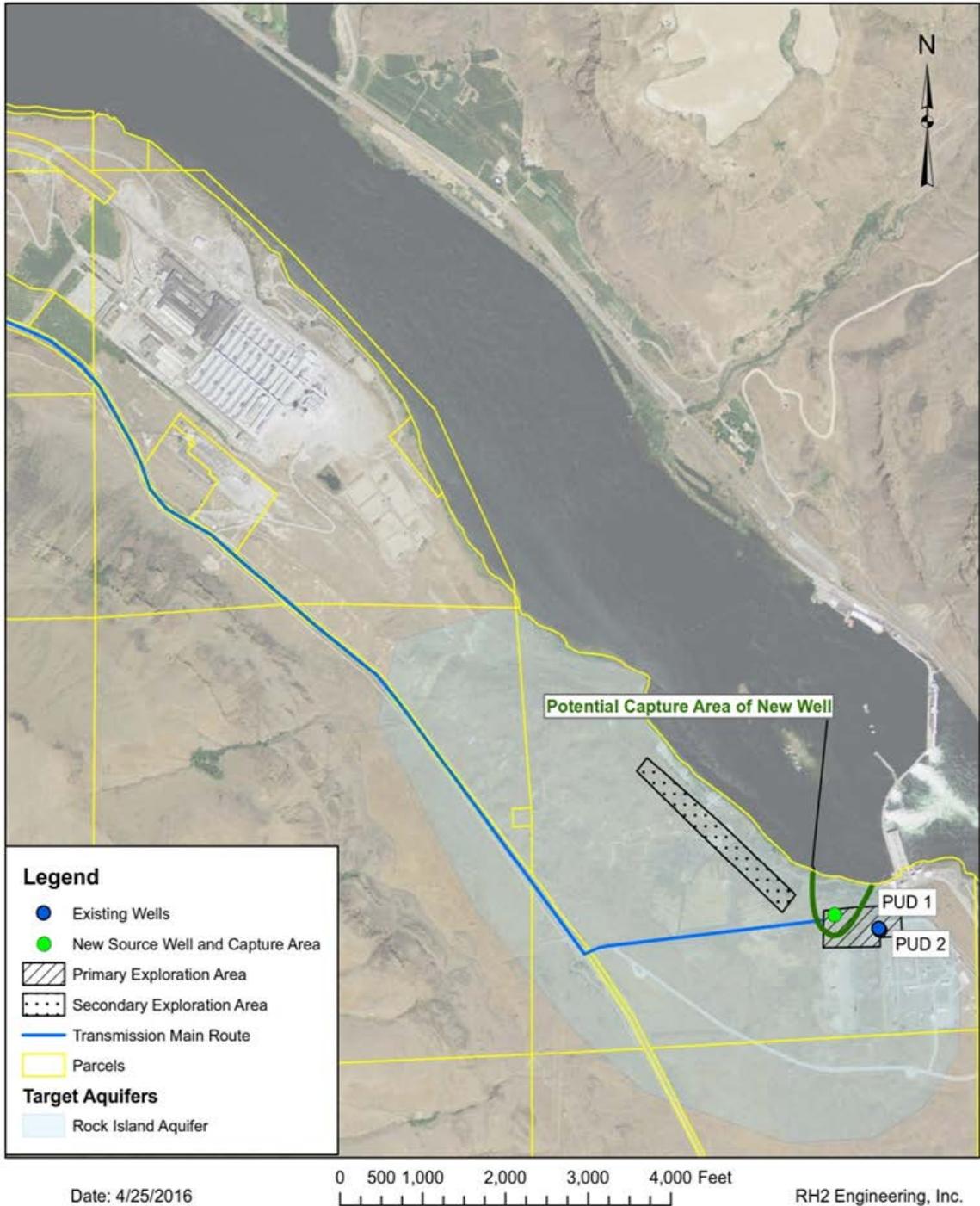
Three final options:

- Groundwater supply near Malaga
- Groundwater supply near Alcoa
- Groundwater supply in Chelan County near RI Dam

Alternatives Analysis

- Evaluation criteria
 - Water quality (hardness & nitrate)
 - Capacity (2,500 – 15,000 af)
 - Wellhead protection
 - Redundancy
 - Development degree of difficulty
 - Water rights place of use
 - Affect on aquifer temperature and Chelan PUD Eastbank hatchery / Habitat Conservation Plan obligations
- The RI aquifer alternative most favorably satisfied the qualitative evaluation criteria, and was selected by Regional membership for further evaluation

Rock Island Site Regional Water - Supply and Reliability Evaluation



Next Steps

2016 – 2017

- Collect community input
- Exploratory drilling and testing
- Complete evaluation of RI aquifer source
- Finalize planning level project cost estimate
- Evaluate rate impacts to Regional membership
- Present final project proposal to community and seek feedback

2017 – 2018

- Design and prepare construction documents
- Acquire financing
- Permitting
- WA Department of Health approval

2019 – 2020

- Bidding/Contracts
- Construct project

Discussion