2016 Eastsound Water Annual Meeting
Last 12 Months BY THE NUMBERS

- 74 New Members by Property Transfers
Last 12 Months BY THE NUMBERS

- 12 New Hook Ups for New Development
Last 12 Months BY THE NUMBERS

EWUA "new hook ups" per Year

- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016

YTD
Last 12 Months BY THE NUMBERS

- 12.5 ERU’s sold to support upcoming development
Last 12 Months BY THE NUMBERS

- 18 Catastrophic Leak Awards
- 1,322,803 gal of recorded leakage (2.2% of annual production)
- $18,914 in financial relief provided.
How Does EWUA’ Efficiency Stack Up?

Water Use Efficiency 2015

- Skagit PUD: 10.4%
- Spokane: 17.8%
- Olympia: 7.7%
- Bellevue: 6.1%
- Seattle: 6.1%
- Cattle Point: 19.4%
- Friday Harbor: 6.5%
- Orcas Landing: 8.5%
- Sunset Ranch: 17.9%
- Spring Point: 10.2%
- Orcas Highlands: 15.3%
- Rosario: 15%
- Doe Bay: 20.2%
- Roche Harbor: 6.7%
- Eastsound Water: 5.1%

Water Use Efficiency (% of water lost to leaks, lower is better!)
Summer 2015 Drought

Summer 2015 saw large increase in demand for water.
2016 water use was “back to normal” after 2015 peak.
Purdue Lake Capacity Limits

Start of Dry Season – Lake Full

End of Dry Season – Lake Down Substantially
2015 Drought Learnings

- 174 of 241 (72%) use less than 15,000 gal/quarter.
- 15 Users (6%) exceeded 2x the base allotment (30,000 gal/quarter). This 6% used 26.5% of the water in this study group.
- 96 of 128 (75%) commercial accounts use less than 17,500 gal/mo. (2x base allotment with 1.75 ERU).
- 72 of 128 (56%) commercial accounts use less than 8,750 gal/mo. (base allotment with 1.75 ERU).

Top 10% of commercial accounts use 50% of commercial water. They have just 19% of the commercial ERU's.
Last Year’s Facilities Upgrades

MAJOR PROJECTS

• Matia View Water Main Replacement

• New View Haven Water Tank

• New Metering System
Matia View Water Main Upgrade
Matia View Water Main Upgrade

Gray = 3" Sch 80  Blue = 6" C900  Black = 3" ABS

New Pipe
Old ABS
Matia View Water Main Upgrade

Station 16+40
Looking N on Telfer

[Images of construction site and partially buried pipes]
View Haven Tank Upgrade
View Haven Tank Upgrade
View Haven Tank Upgrade
View Haven Tank Upgrade
Automated Meter Reading System
Automated Meter Reading System

- Upgraded 1,000 water meters

- First water system in WA to have deployed cellular meter reading technology system-wide.
Automated Meter Reading System
Mapping Capacity Upgrades

Captured Latitude and Longitude Of all Water Meters
Meter Reading Conservation Success * Congratulations Outlook Inn

Outlook Water Saving Success

Jan - July 2014: 854,210
Jan - July 2015: 1,732,220
Jan - July 2016: 790,762
Major Leak Repairs
Major EWUA Leak Repairs
Major Leak Repairs
Well 13 “Rehabilitation”

- Well had lost over 50% of its production capacity.
- Rehab regained 10 GPM. = 100 ERU’s of capacity.
Prune Alley Streetscape

- Monitoring County Plans to upgrade Prune Alley Streetscape w/ sidewalks, curb and gutter, stormwater, parking, lighting and other improvements.
Prune Alley Streetscape Planning

EWUA dug up Prune Services to determine quality of existing installations.
2016 Awards

EWUA only water system in state awarded “Commitment to Excellence” in 2016.
Next System Upgrades?

- Attempt to Revive Well 7A with new screen
- Merge View Haven and Blanchard Pressure Zones
- Connect Eagle Estates and Pruett Water Systems
- Pipe Purdue Production to 600K tank
- Upgrade PRV System on Buck Mountain
- Replace View Haven Distribution System
- Replace Booster System for Upper Buck
Preparing for Upcoming Staff Retirements

Sam

Ron
Member Engagement Process on Rate Structure

- Coming in Sept. – How can Eastsound Water rate’s structure promote member equity?
Member Engagement Process on Rate Structure

- Coming in Sept. – How can Eastsound Water rate’s structure promote member equity?
- Sept 20, 22, 27
- At Fire Hall
- 6:30-8:30 pm

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Thanks for reading!

Question?

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• 360 376 2127