



Water in Kelowna

April 1, 2019



*We are fortunate in Kelowna to
enjoy established access to water*



Ongoing access to clean, safe water is critical to our economy, health and way of life.





Our community depends on water and the infrastructure that connects, protects, and supports it.

We have one water

Our drinking water, stormwater and wastewater are all connected.

- ▶ Protecting & conserving our water is critical
- ▶ This takes effort and ongoing investment. Water is not free.





Water Utility 2019

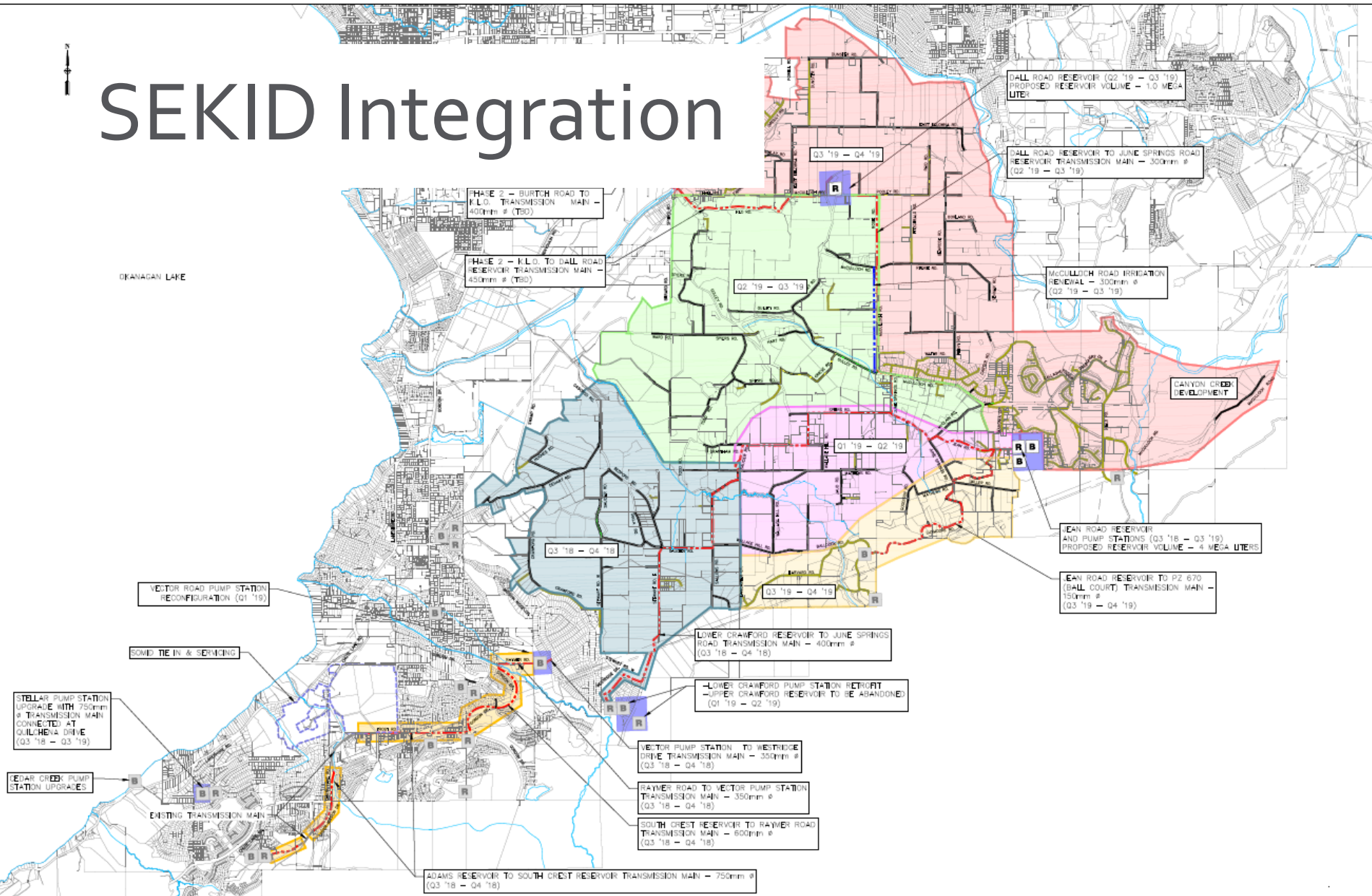


2018-2020 Activities

- ▶ SEKID & SOMID Integration
- ▶ Area Based Water Management
- ▶ AGLG Audit Update
- ▶ Water Meter Replacement Program

SEKID Integration

OKANAGAN LAKE



SEKID Integration

- ▶ SEKID Dissolution June 4, 2018
- ▶ Extend & Expand City domestic water (\$98M)
 - ▶ 82 km pipe, 3 reservoirs, 16 pressure regulating stations, 3 pump stations
- ▶ Integration of Operations & infrastructure
 - ▶ 7 staff positions, fleet,
 - ▶ 12 dams and upland storage
 - ▶ Agricultural customer base

SEKID Integration

- ▶ Transfer SEKID system to “non-potable”
- ▶ Substantial bylaw work for 2020. Fall consultation
 - ▶ Irrigation rate structure
 - ▶ Irrigation rate policy
 - ▶ Managing growth in demand

SOMID Integration

- ▶ SOMID planned January 1, 2020
- ▶ Local construction 2019
- ▶ Facility decommissioning



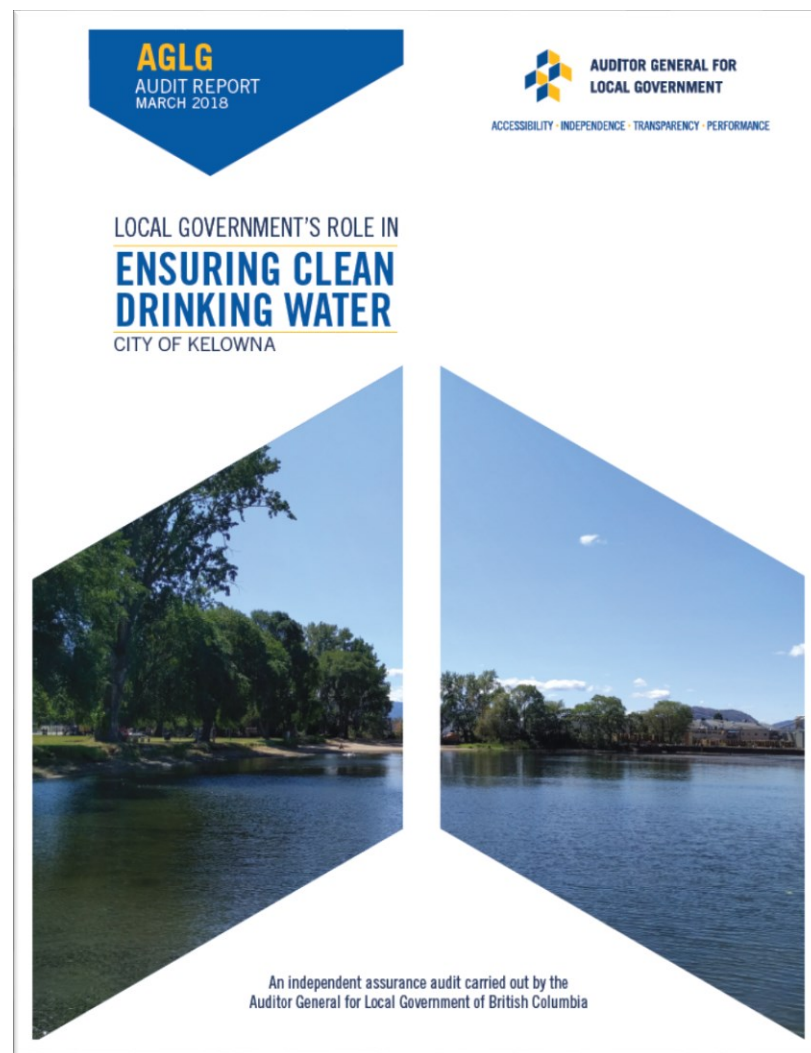
Area based Water Management

- ▶ Coordinate water supply, source water protection, flood protection, wastewater and ecosystem protection
- ▶ Key external partners RDCO, OBWB and Province.



AGLG Audit

- ▶ 2018 Auditor General for Local Government report
- ▶ 15 Recommendations
 - ▶ 7 complete
 - ▶ 7 in progress
 - ▶ 1 outstanding
(Water conservation & Demand Management)



Energy Management



- ▶ Energy Audit
- ▶ Future review of possible energy generation

Water Meter Replacement

- ▶ 17,000 water meters increasing to ~20,000 (2020)
- ▶ Over half >20 years old
- ▶ Update program (6 years)
 - ▶ Transition to cellular based reading system
 - ▶ Increased reliability, efficiency
 - ▶ Significant increase to customer service
- ▶ 2019 proof implementation and system setup
 - ▶ Minimum 200 meters
- ▶ 2020 Start replacement and all SEKID

Meters - Customer Benefits

- ▶ Leak detection
- ▶ Customer monitoring ability
 - ▶ Reduce waste, understand use

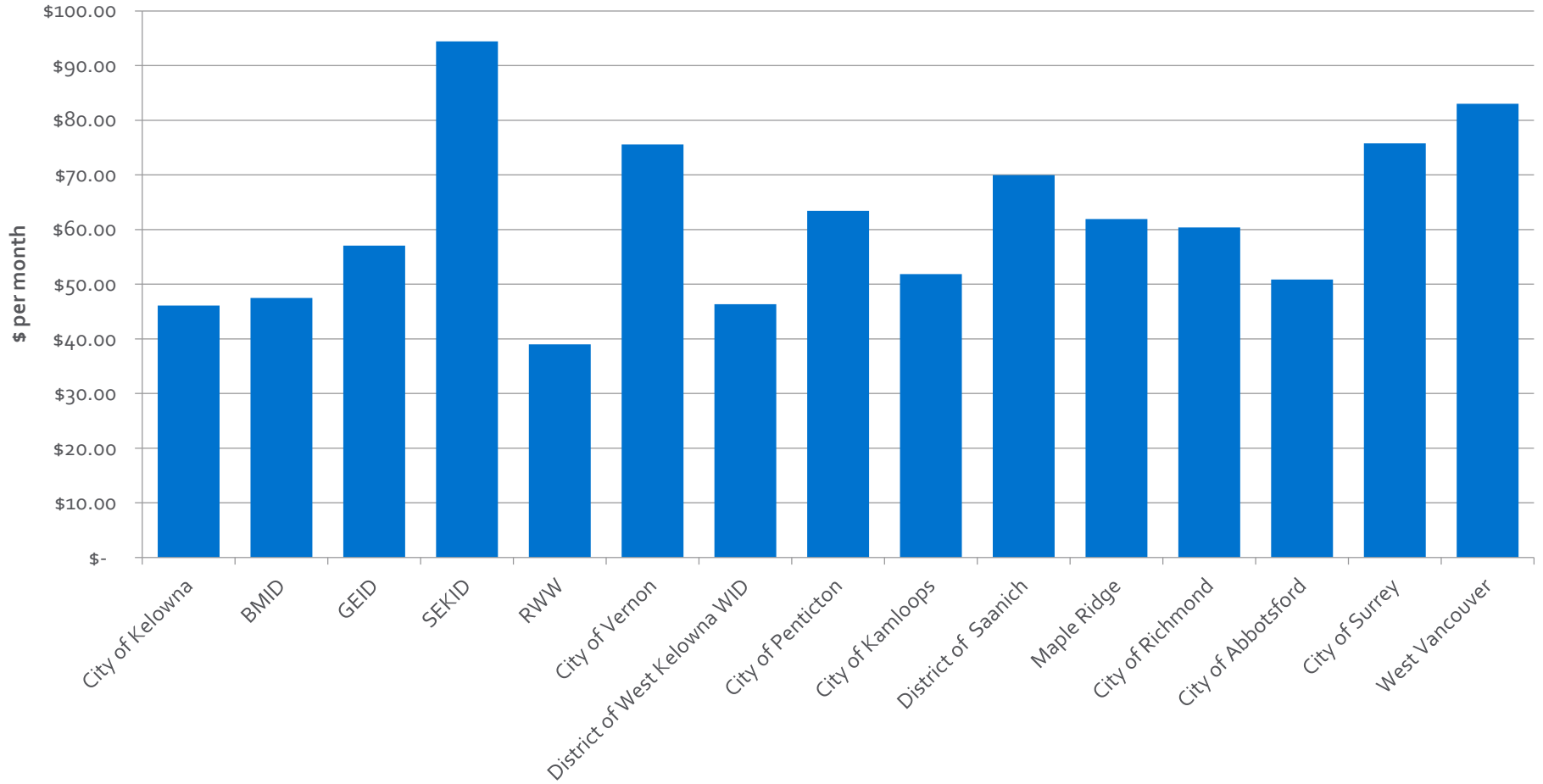


Water Rates

- ▶ Recommending 4% rate increase for each of next two years
- ▶ 3% increase to Water Quality Enhancement Fee
- ▶ Drivers:
 - ▶ Replacement cost increases faster than inflation
 - ▶ Infrastructure Deficit. Significant Inc planned for 2023
 - ▶ Smooth rate increases.

SFD Monthly Water Rates

(41 cu.m./month)



City of Kelowna



Questions?

For more information, visit kelowna.ca.