

# 2018 Water System Report

## Water Committee

### 4-Lakes Water Dept

- Keith Renfrew
- Rod Case
- Terry Deschenes
- Matt Wells
- Mark Somnis
- Patrick Gai
- Ryan BeLieu
- Evan Lurton (Chairman)

### DoH Licensed Operator

- Ellen Winningham, EMCNW

# 2018 Water System Report

## System Availability

- System on generator for one week during February 2019 power outage. No service interruption
- Maintenance and new equipment installation required several partial shutdowns for approx. 2-4 hours each last summer/fall. Typically weekdays 10am to 2pm
- Watch bulletin board/Facebook for 2019 announcements



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## Water Quality & Usage

- 2018 DoH-Required Testing
  - Monthly bacteriological – ***all passed***
  - Nitrates – ***passed***
  - Lead/copper – ***passed***
    - ***Our water quality is excellent!***
- Water Usage
  - Pumped 30,848 gallons/day in 2015
  - Pumped 26,253 gallons/day in 2016
  - Pumped 23,919 gallons/day in 2017
  - Pumped 25,511 gallons/day in 2018
    - ***6.6% increase over 2016.***

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## Conservation

### Dry summers encourage increased water use

- Avoid watering mid-day (noon to 5pm)
  - Inefficient time to water – much lost to evaporation
- Water properly for a healthy lawn
  - 1" to 2" per week depending on soil conditions
  - One good soaking rather than daily short watering promotes deeper root growth
- Consider soaker hoses for shrubbery and gardens
- Control irrigation with timers and water at off-peak times



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## System Maintenance & Upgrades

### Street Vault Upgrades

- Replaced 12 vaults in 2018
  - Includes new poly-box, shutoff valve, piping and water meter
  - Valve key provided to each residence
  - Meters required as part of State DoH mandated water use efficiency (WUE) program

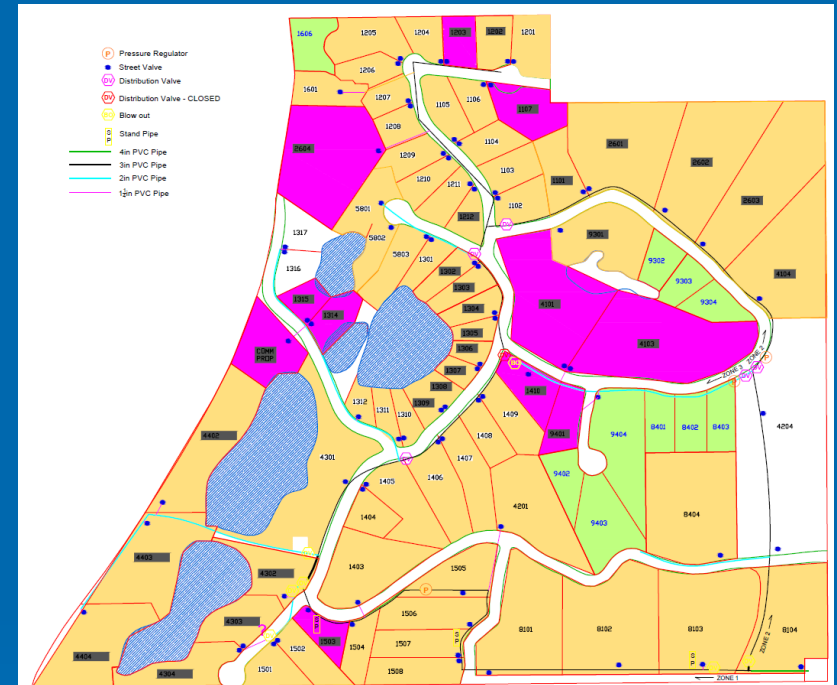


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## System Maintenance & Upgrades

### 2019 Plan

- Wrap up the final 11 installations
- Baseline system meter reading (required annual event)
  - Considering involving neighborhood kids to help with the annual reading (for nominal compensation)



*By doing this work as a team, in the spirit of community service, in excess of \$50,000 will have been saved over the past 12 years on the 71 installations...*



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- PLEASE CONSERVE WATER
- USE WATER WISELY
- WATCH FOR LEAKS AND REPORT



## QUESTIONS?