

Water Supply Update

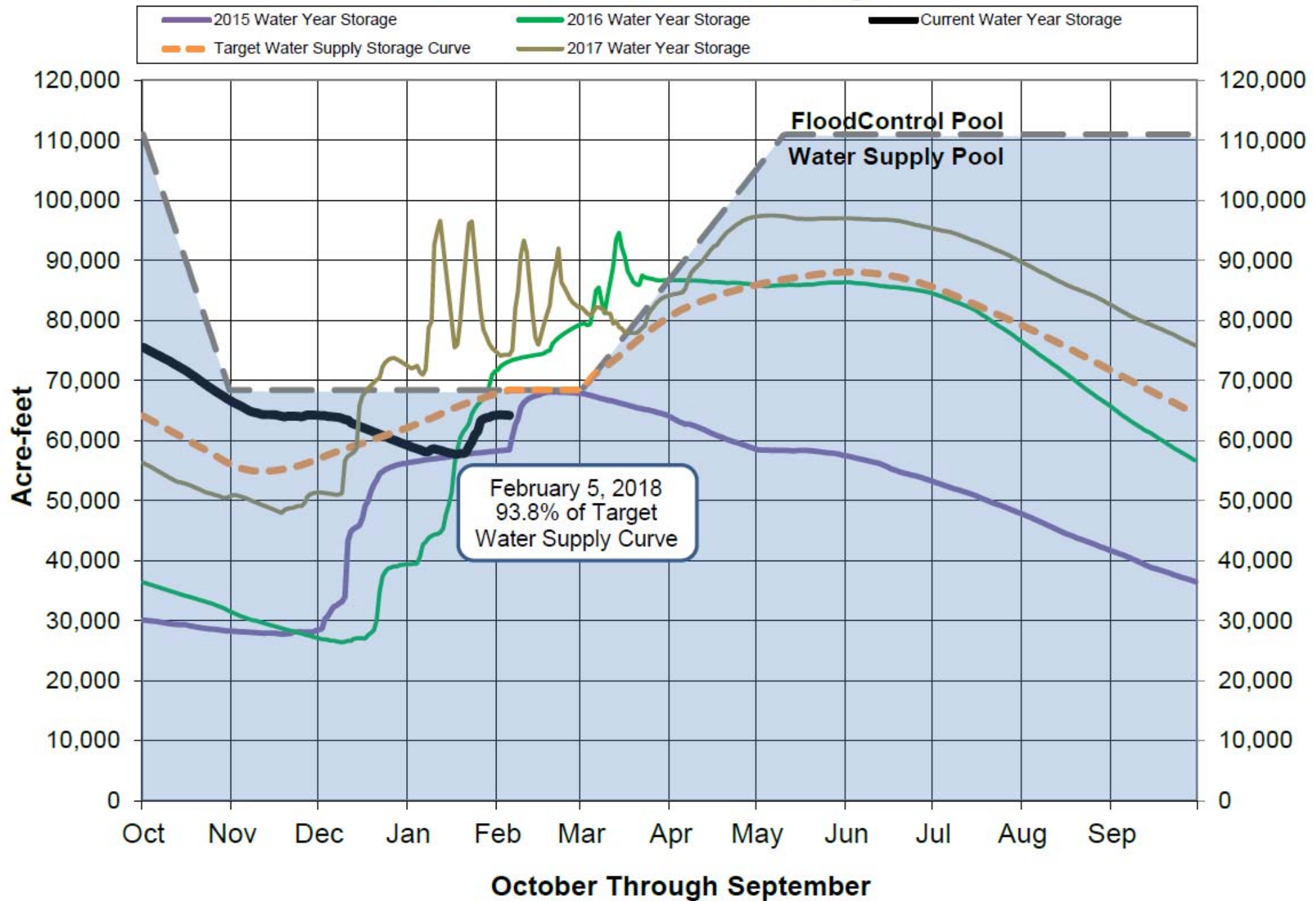
Board of Public Utilities Meeting

February 15, 2018

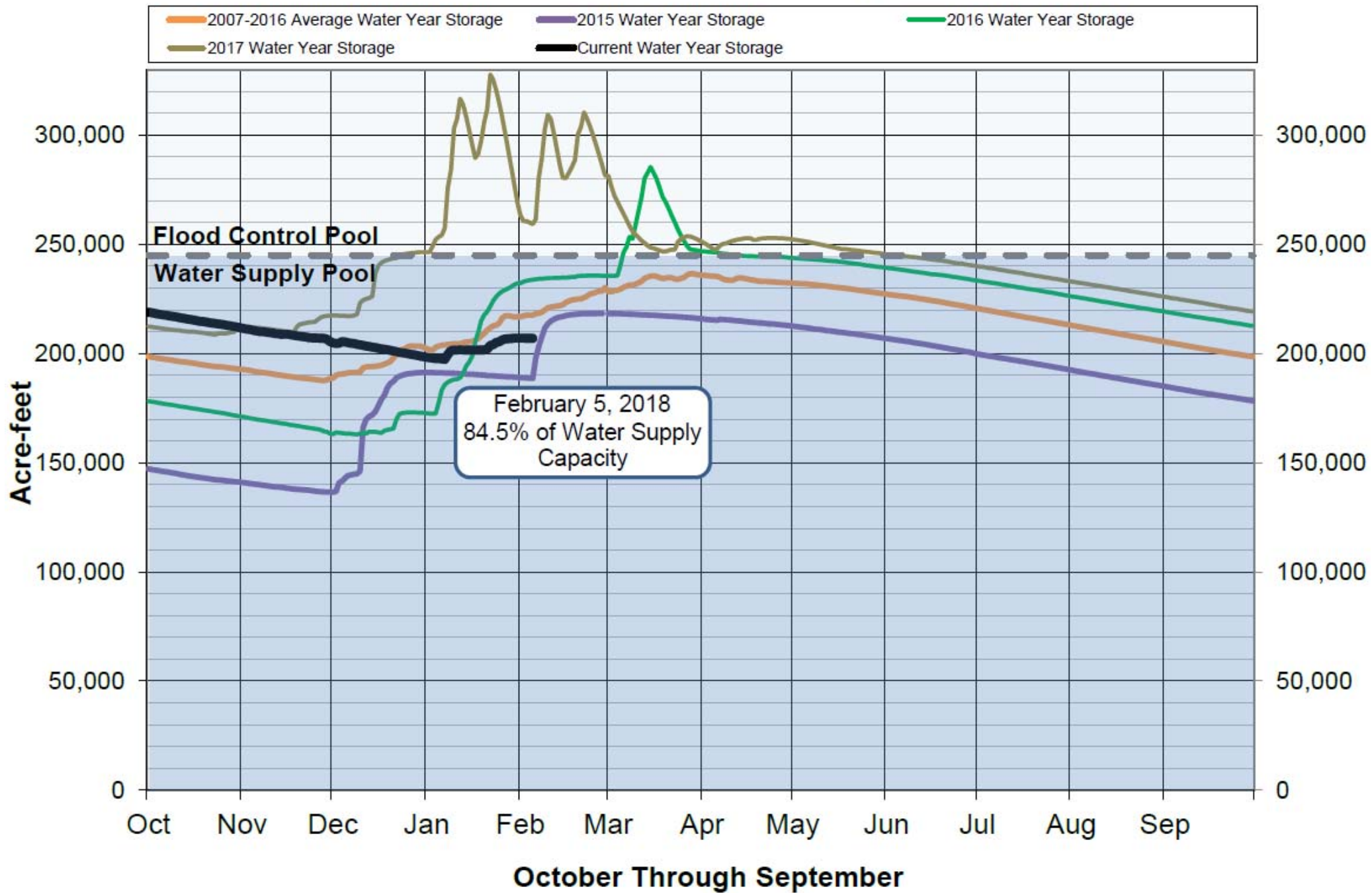


OUR FUTURE IN EVERY DROP

Lake Mendocino Storage



Lake Sonoma Storage



Water Waste Regulation

- State Water Board Rulemaking
 - Prohibits Water Waste
 - Irrigation runoff
 - Hoses without shut off nozzle
 - Washing down driveways and sidewalks
 - Irrigating within 48 hours of rainfall
 - Water on request during drought
 - Hotel/motels allow for linen reuse



OUR FUTURE IN EVERY DRÖP

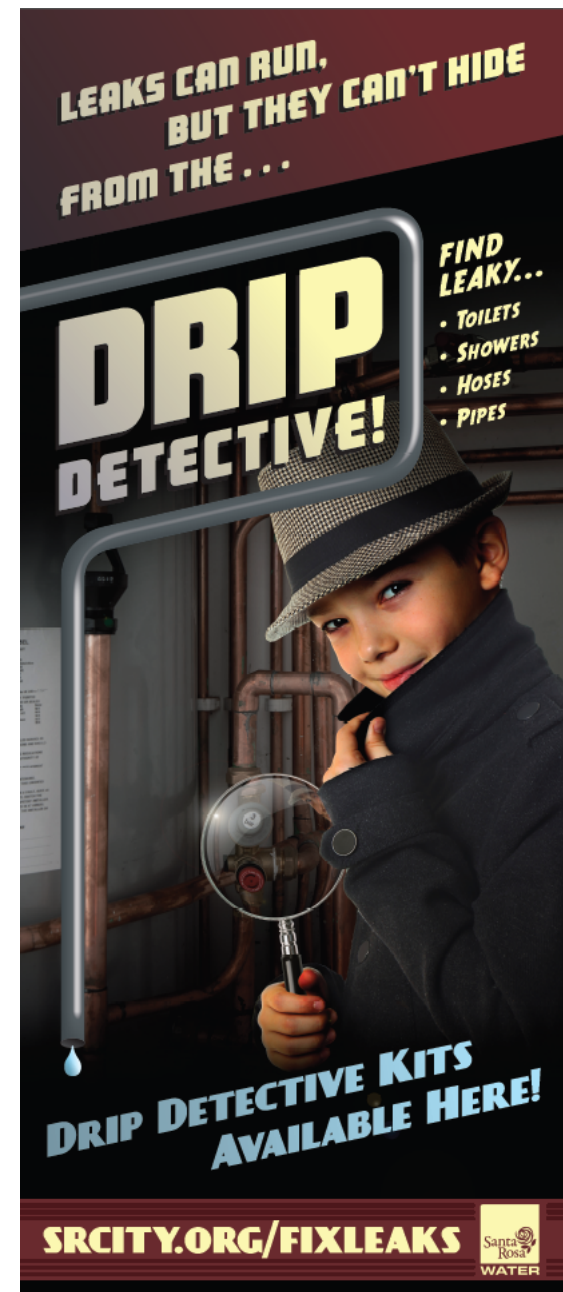


Fix a Leak Week

- March 19th – 25th
 - Find and fix leaks
- St. Patrick's Day 5K
 - Sunday, March 11th
 - 3PM
 - Finley Park
 - Register by March 8th



OUR FUTURE IN EVERY DRÖP





MILE



STAY TO THE RIGHT



You run. Good for you!
Your toilet runs. Not so good.

A toilet running for
24 hours wastes
200 gallons
of water!

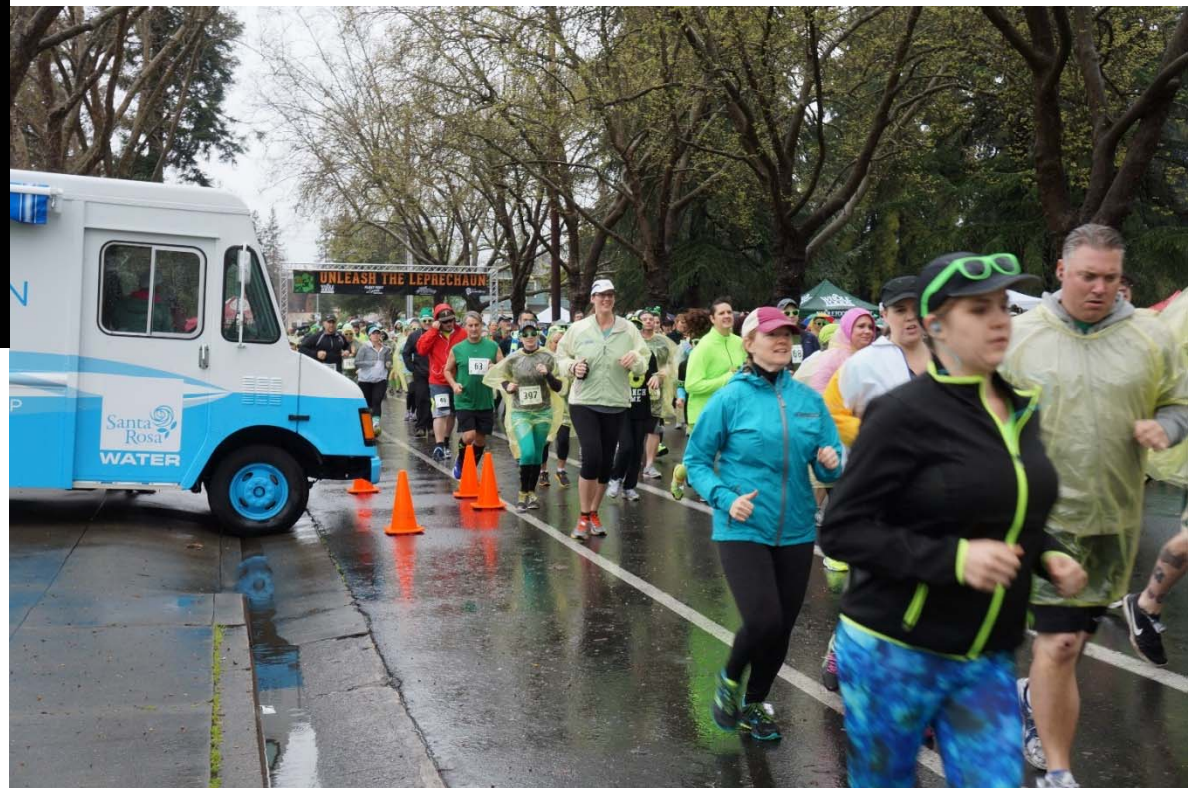


You're responsible.

**You fixed
your pets.**

**Don't forget to
fix your leaks!**





www.srcity.org/spdrun

Outreach Events

- 2/23 – Rebuild Green Expo
Veteran's Memorial Building
10AM – 7PM
Free



- 3/16 – 3/18 – Home and Garden Show
Fairgrounds



OUR FUTURE IN EVERY DROP

Direct Install Toilet Program

- Successfully completed!
- Water Savings estimate
 - 85.8 million gallons of water/year
 - 1,716 million gallons of water over 20-year life of project
- Energy Savings estimate
 - Total: 12,909,447 kWh/year
 - 258,188,938 kWh over 20-year life of project
- Greenhouse Gas Emissions (GHG) Reductions estimate
 - Total: 2,055,419 kg CO₂e/year
 - 41,108,381 kg CO₂e/year over 20-year life of project

2017 Recycled Water Supply: The year in review



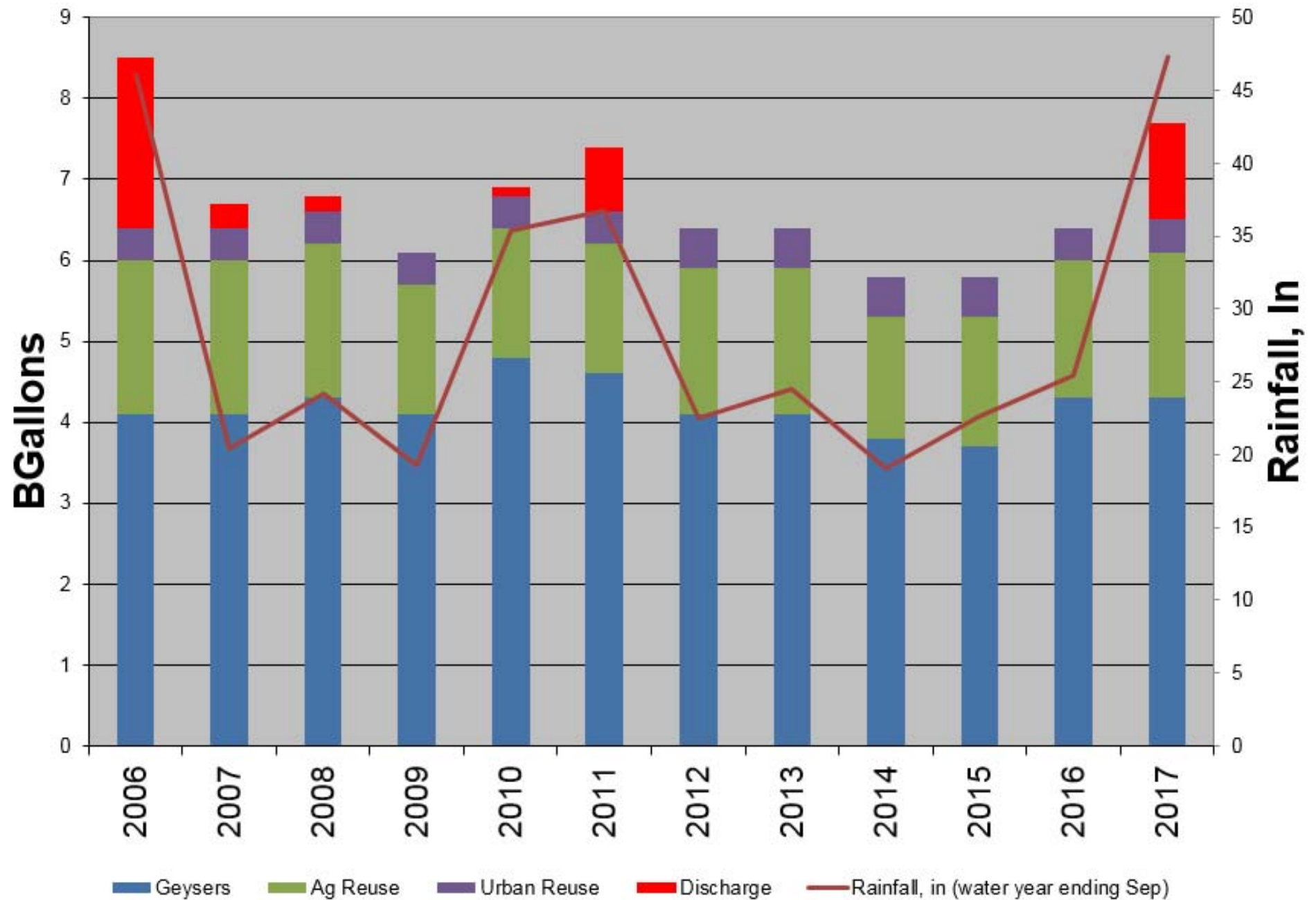
OUR FUTURE IN EVERY DROP

Mike Prinz
Deputy Director Subregional Operations

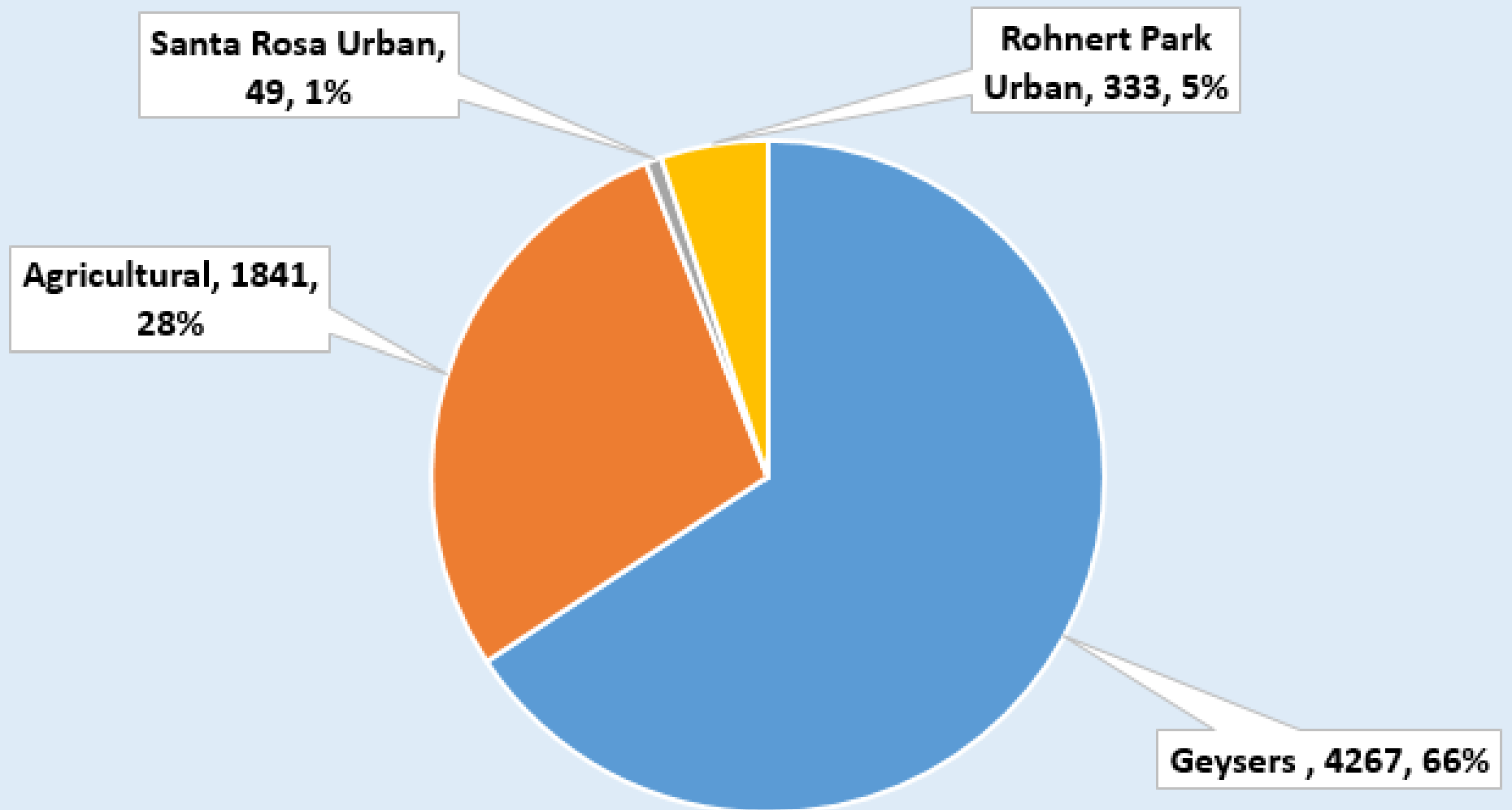
Today's Topics

- Historical Trends
 - Precip + Reuse trend
 - Geysers Contract
- Discharge Locations
- 2017 storage + discharge
- Current (2018) status

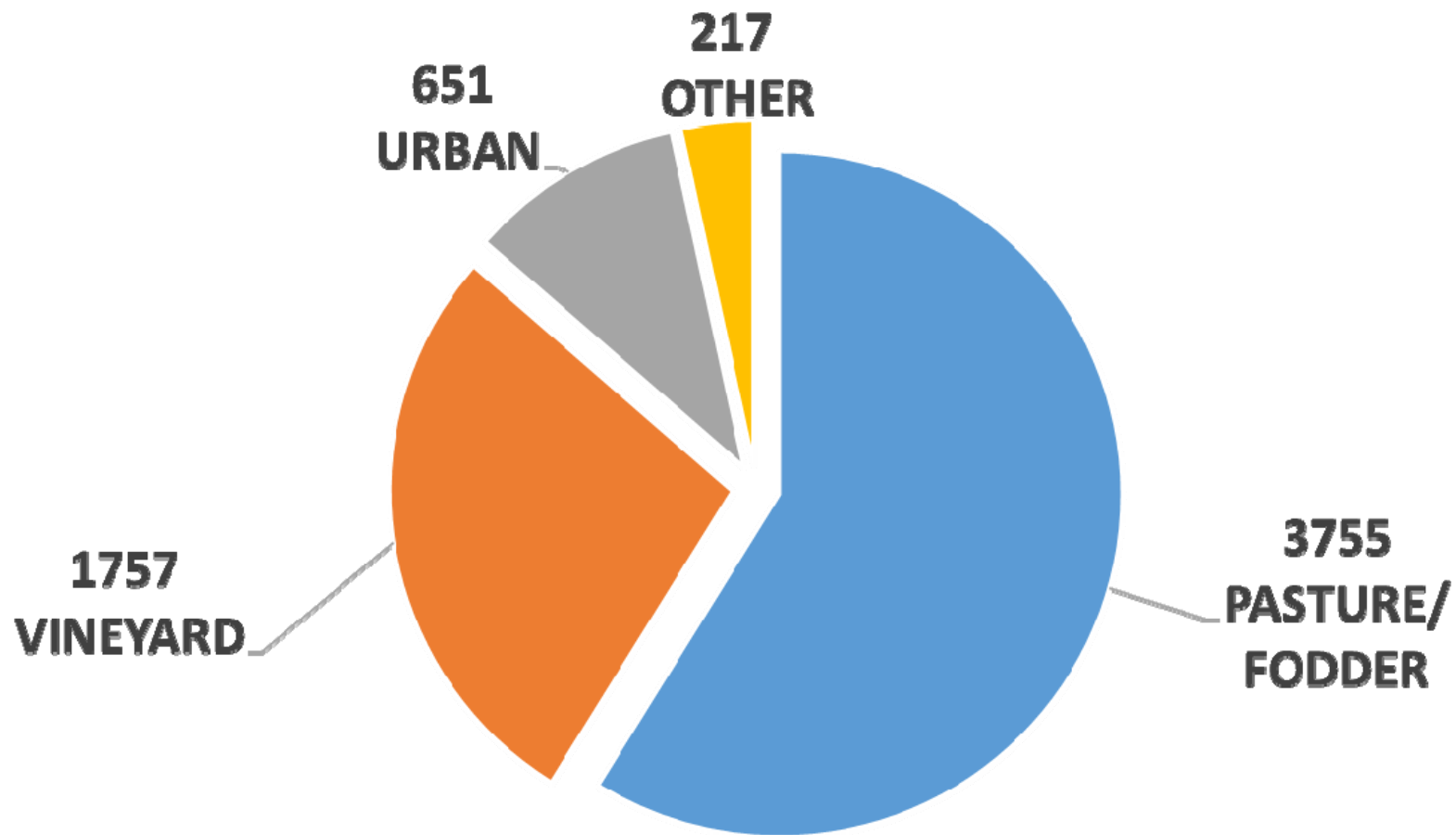
Annual Reuse & Rainfall History

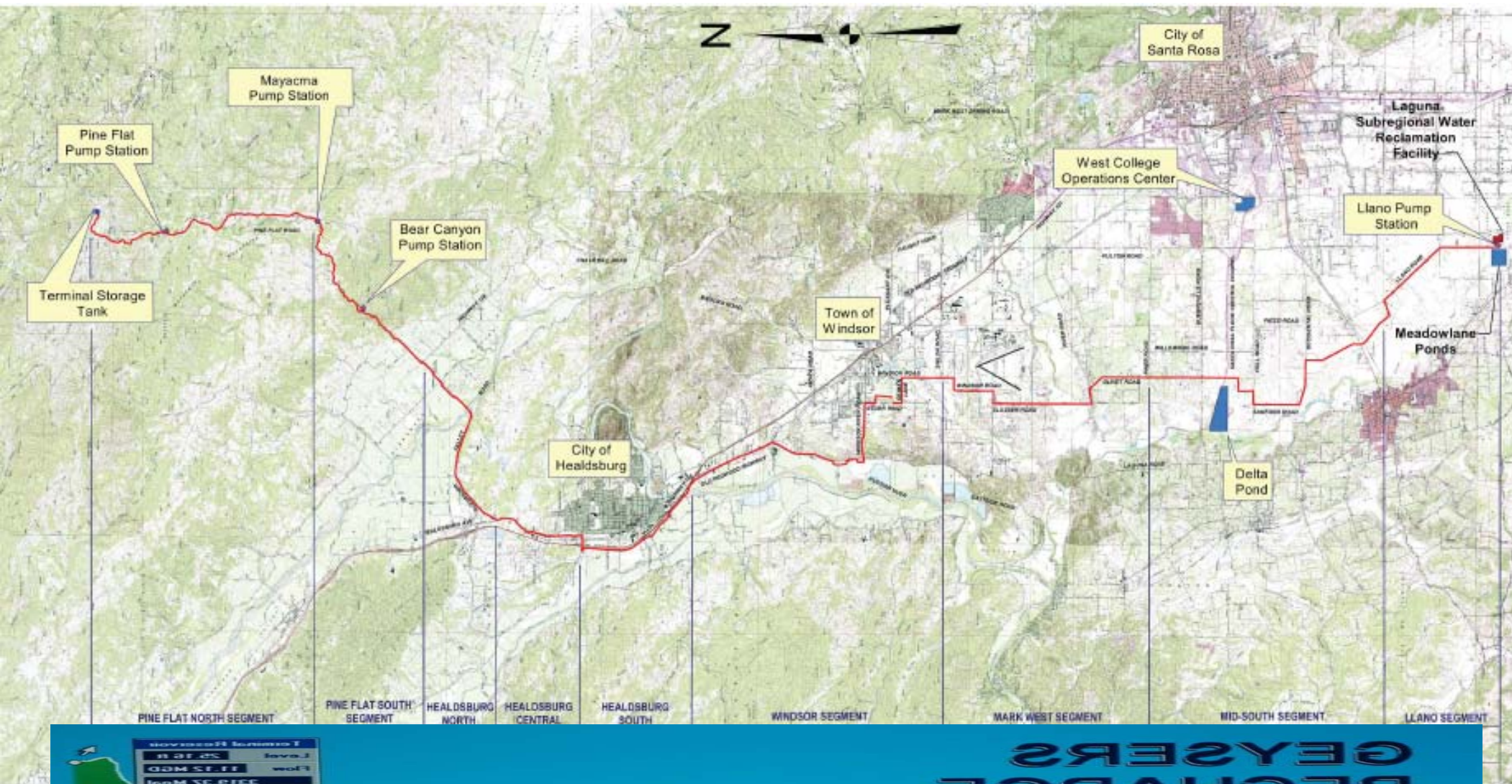


2017 Subregional Recycled Water Reuse, 6.9 Billion Gallons

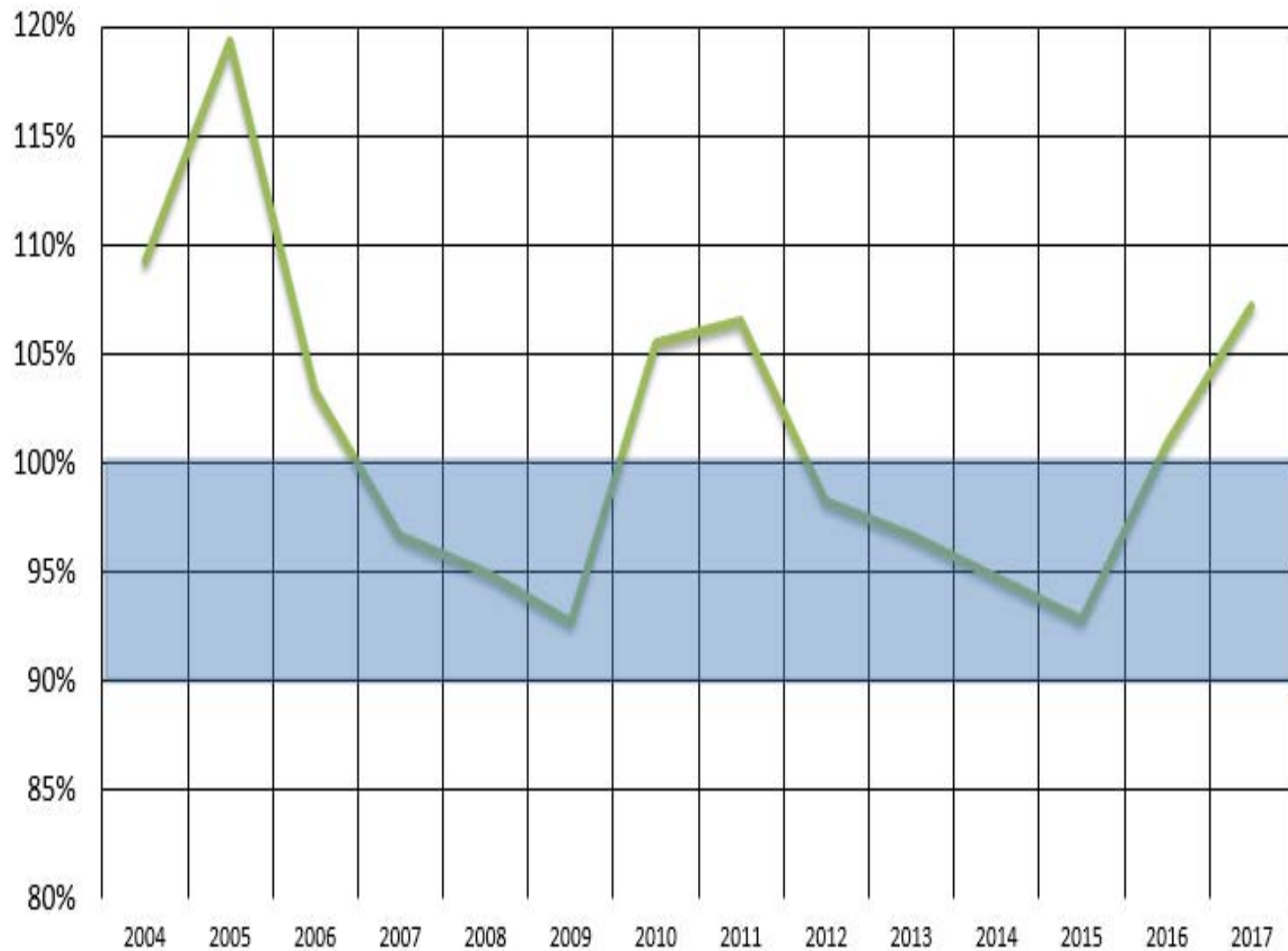


6380 Total Committed Acres

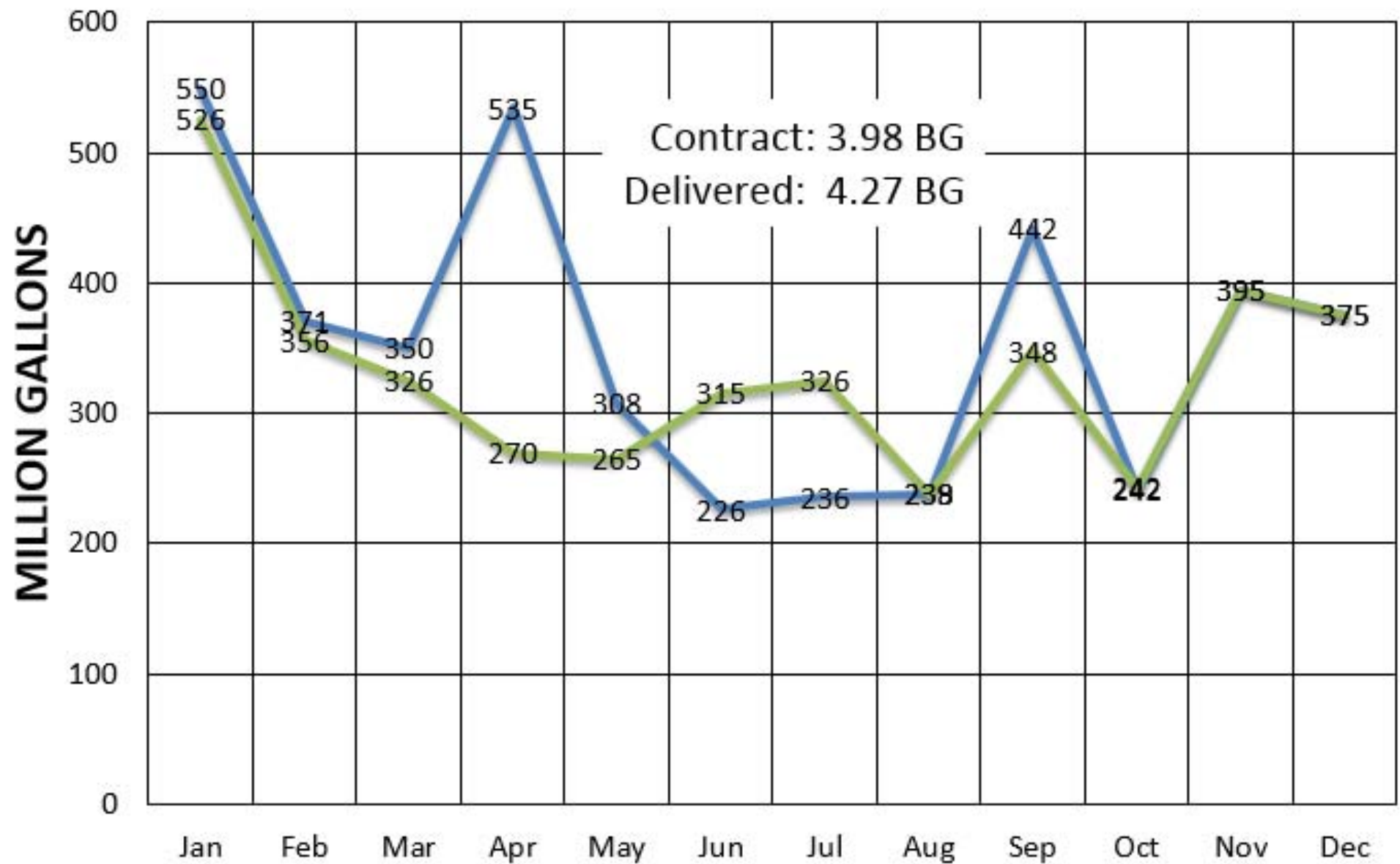




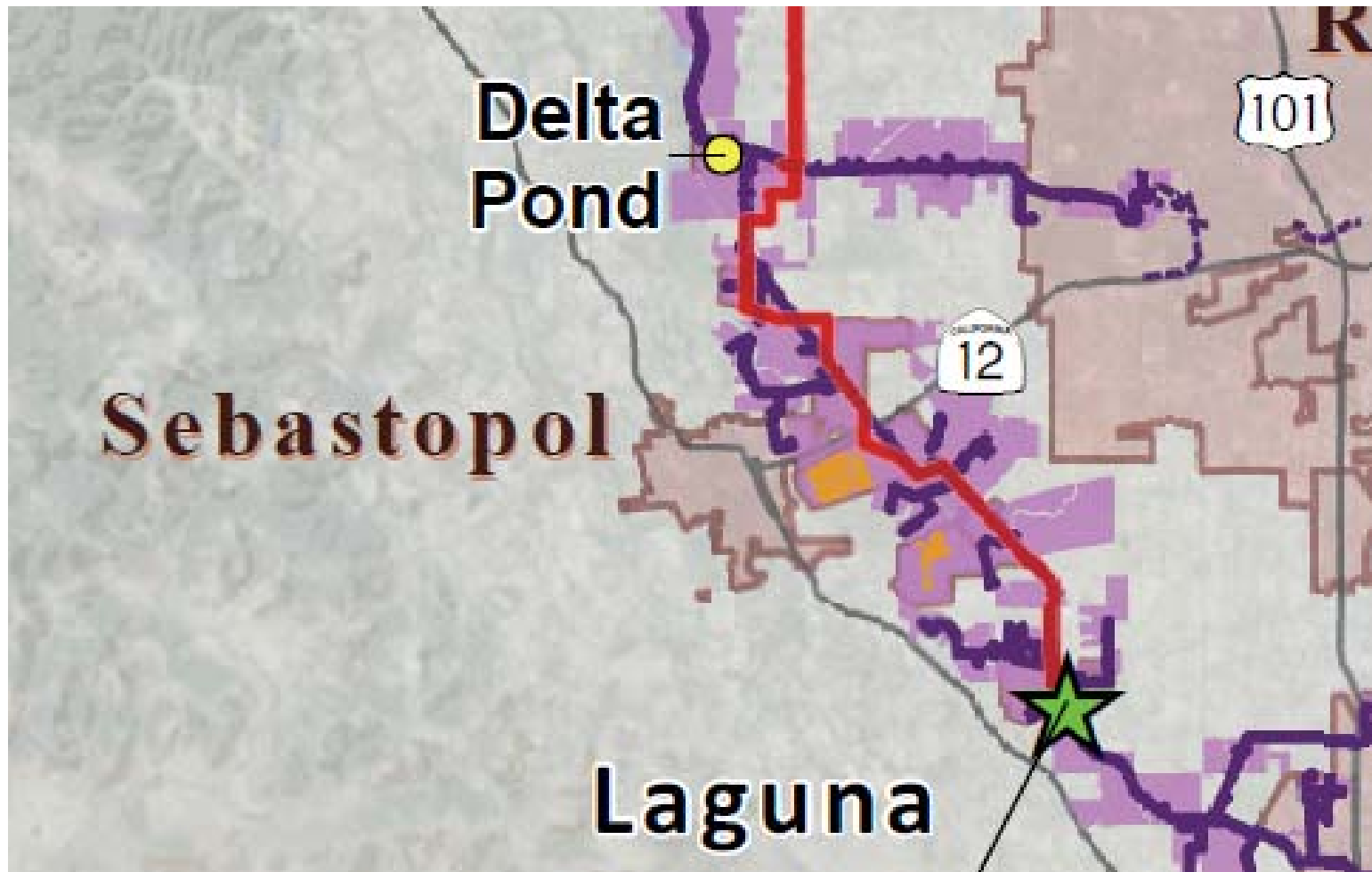
Geysers Contract Volume Delivered



2017 Geysers Deliveries



Discharge Locations



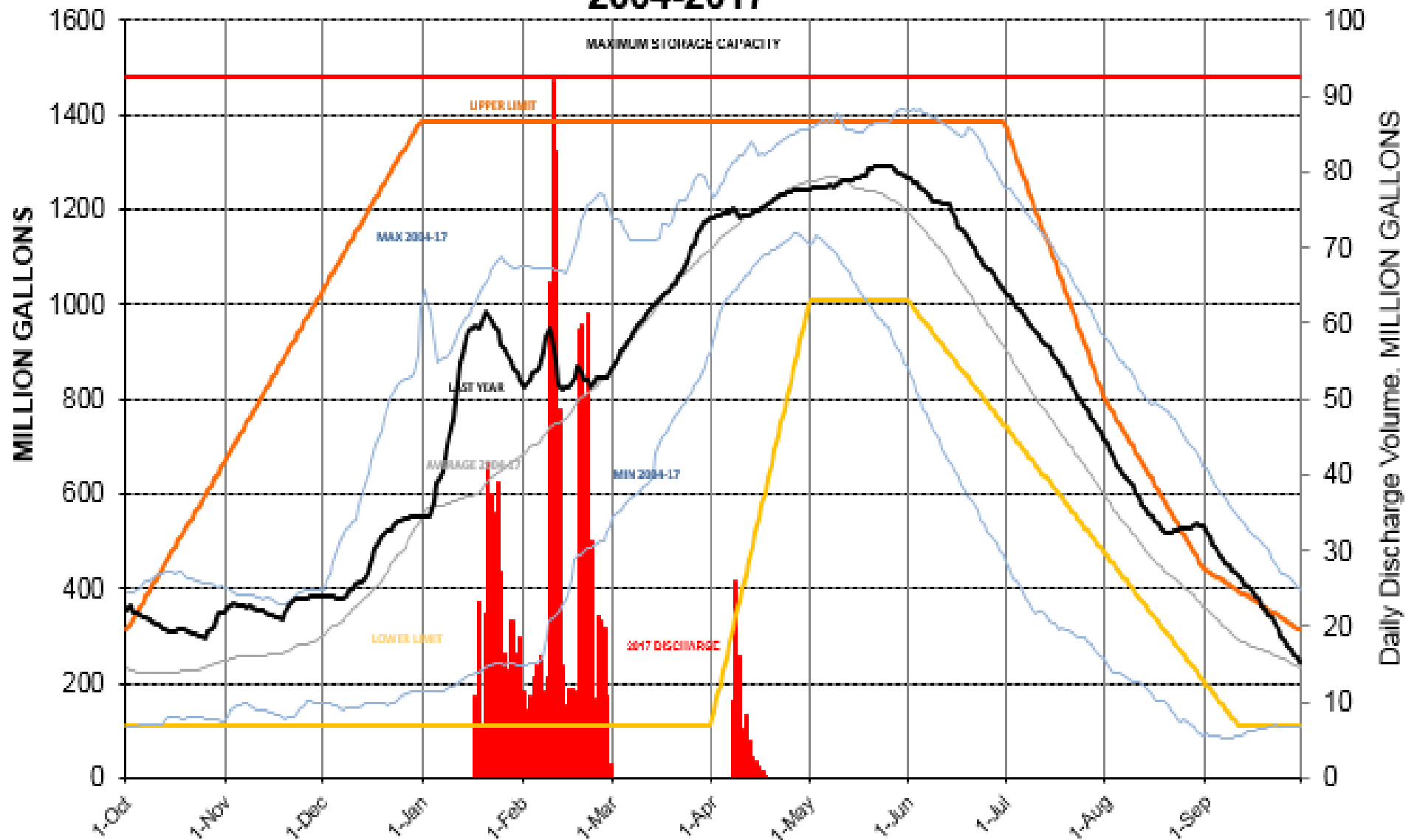




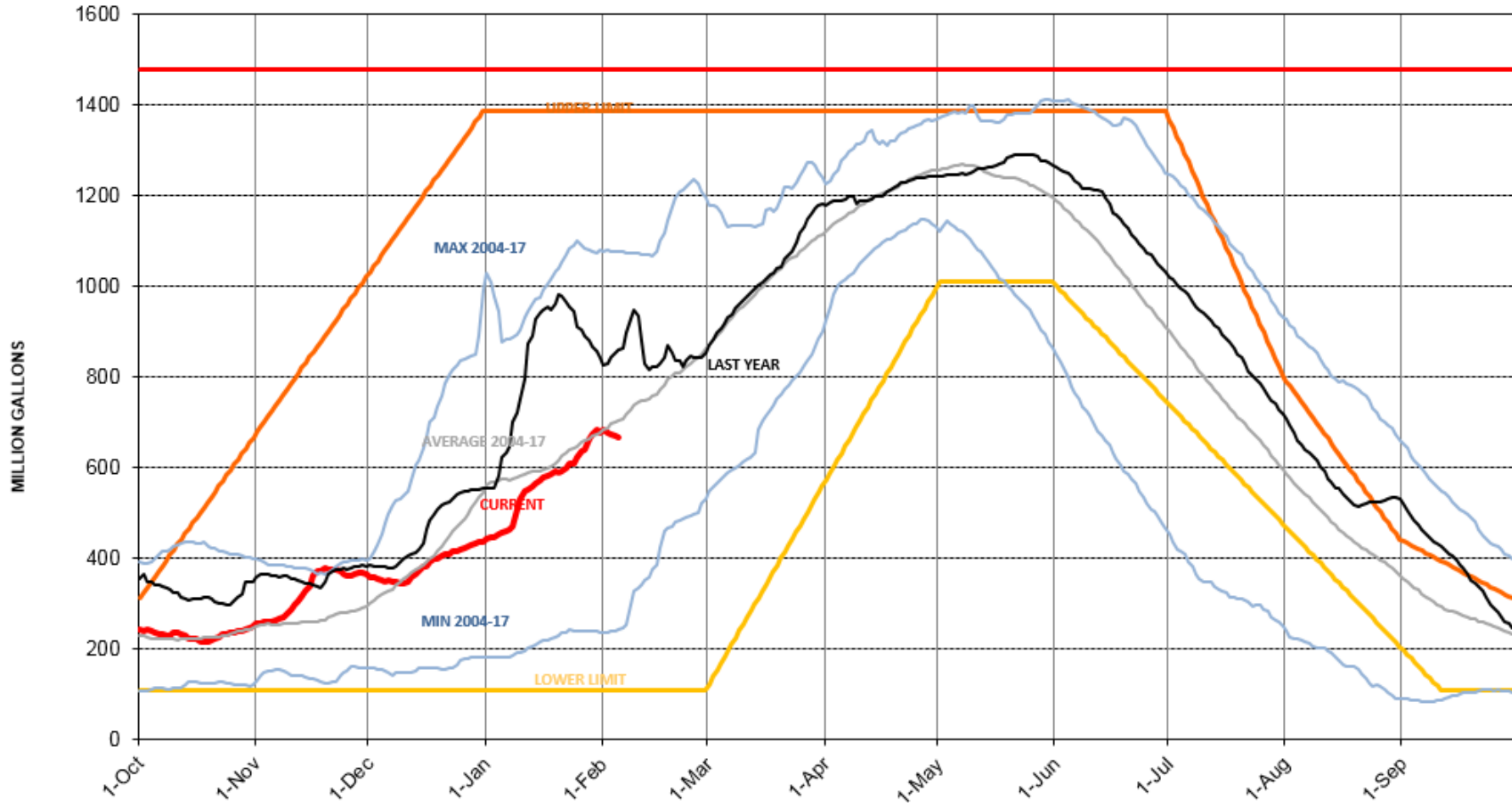




Normal yr limits and Min/Max/Average 2004-2017



Dry yr Limits &
Min/Max/Average
2004-2017
and actual to date
MAXIMUM STORAGE CAPACITY



Questions...?