



PURE WATER PROJECT

LAS VIRGENES-TRIUNFO

Bringing Our Water Full Circle

WaterReuse Association, Los Angeles Chapter
June 13, 2017



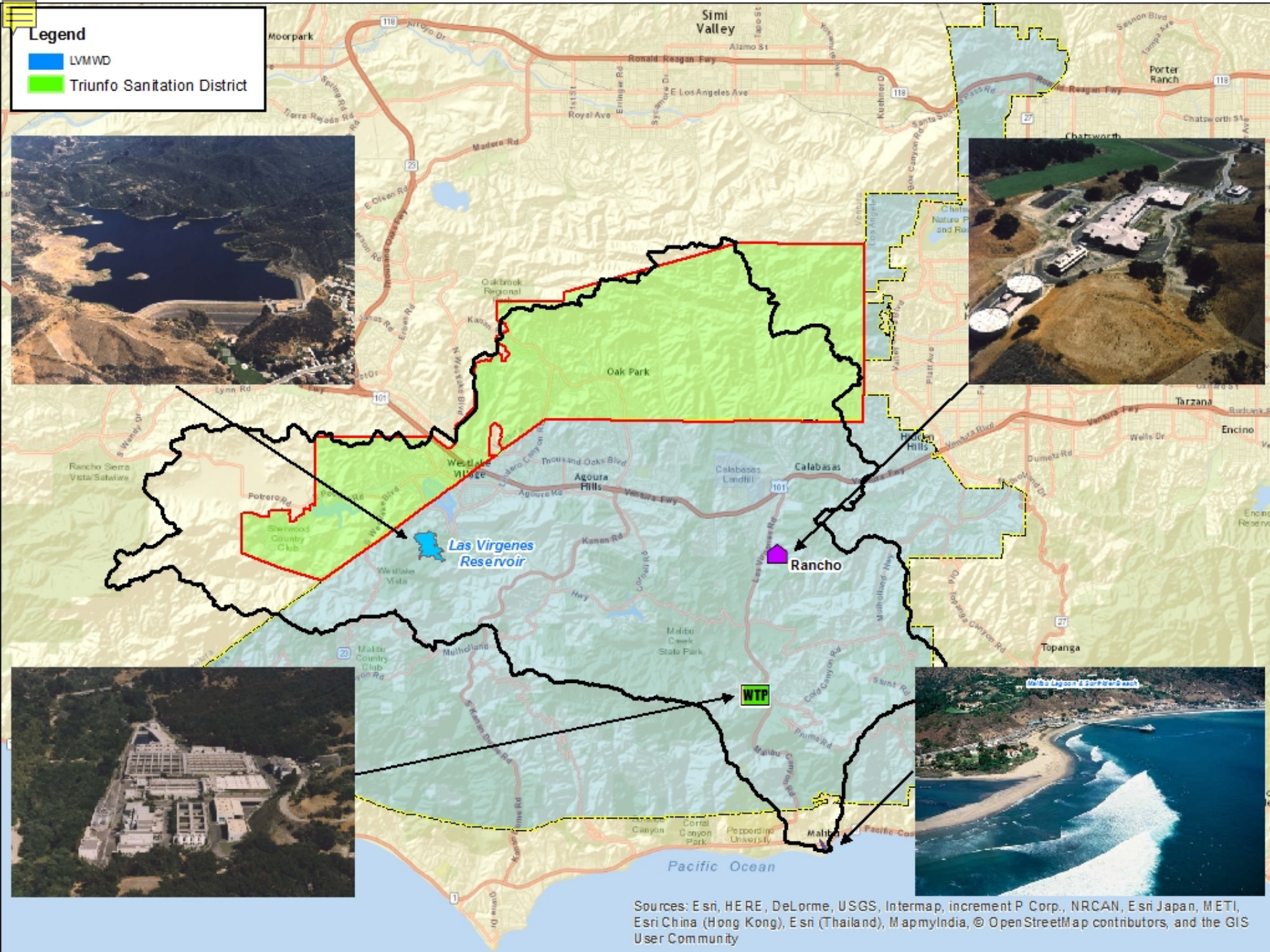
Las Virgenes – Triunfo Joint Powers Authority



Legend

LVMWD

Triunfo Sanitation District

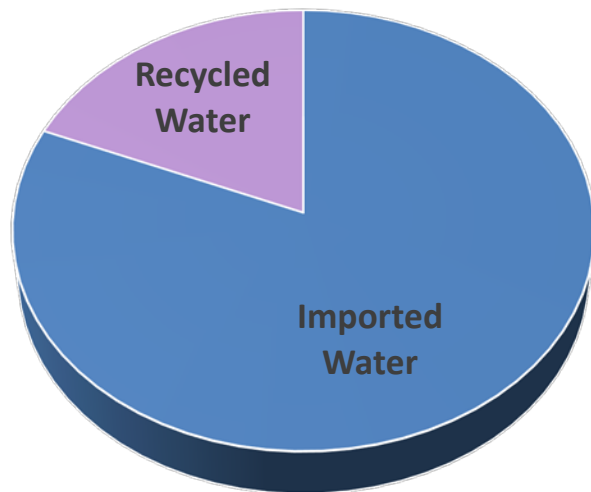


Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

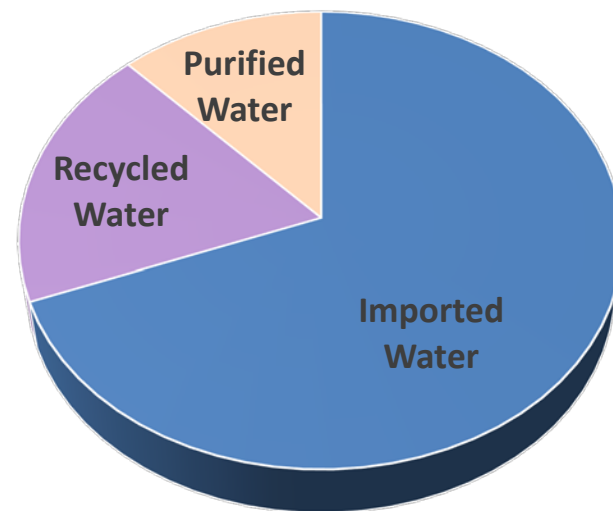
Challenges/Drivers

- Improve water supply reliability
- Meet regulatory requirements

Current



Future



Stakeholder-Driven Process

- Began in January 2015
- Developed a “roadmap” to fully utilize recycled water
- Established “Guiding Principles”
 - Maximize beneficial reuse
 - Seek cost-effective solutions
 - Seek partnerships beyond JPA
 - Gain community support
 - Govern with a partnership
 - Be forward thinking



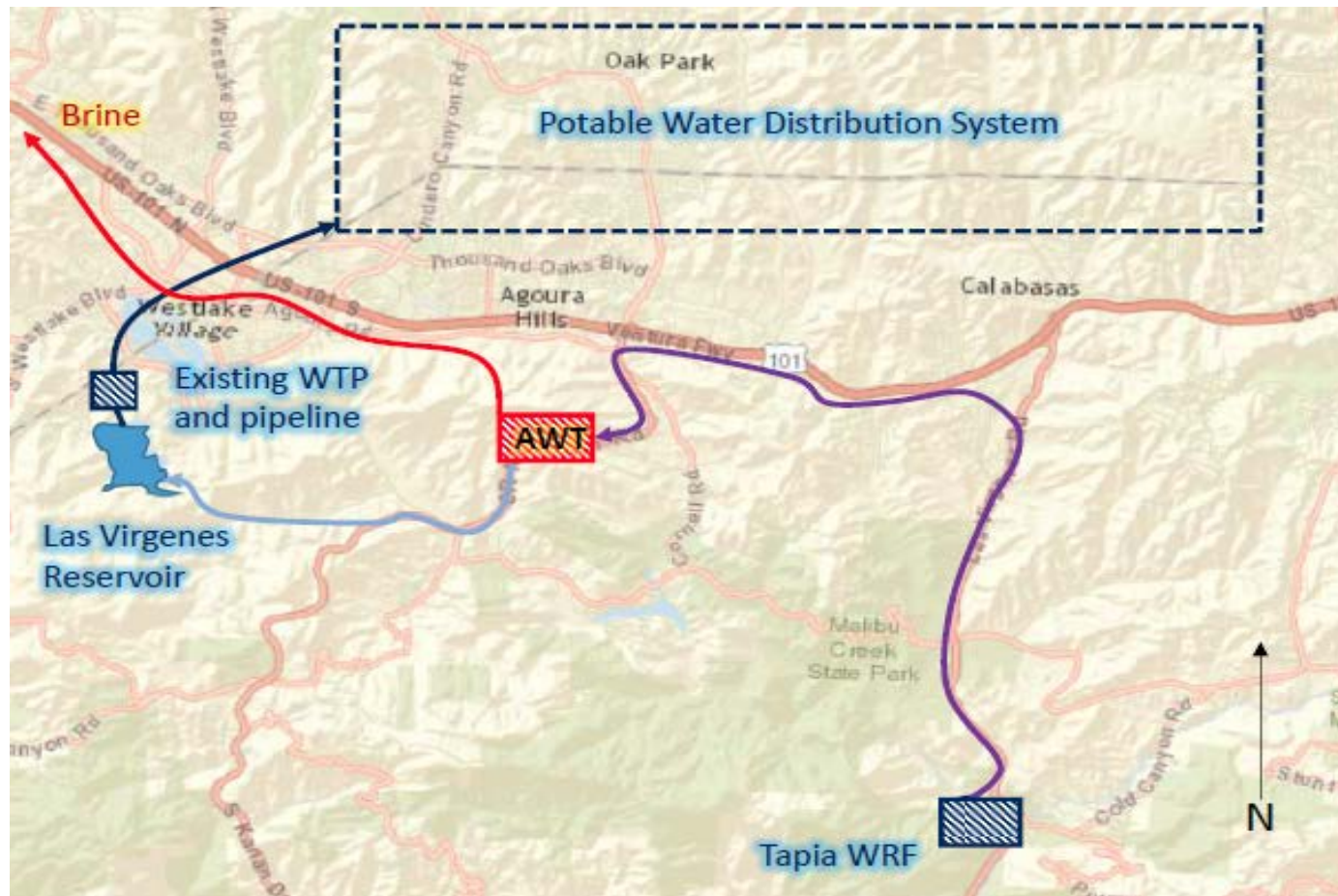


Stakeholders

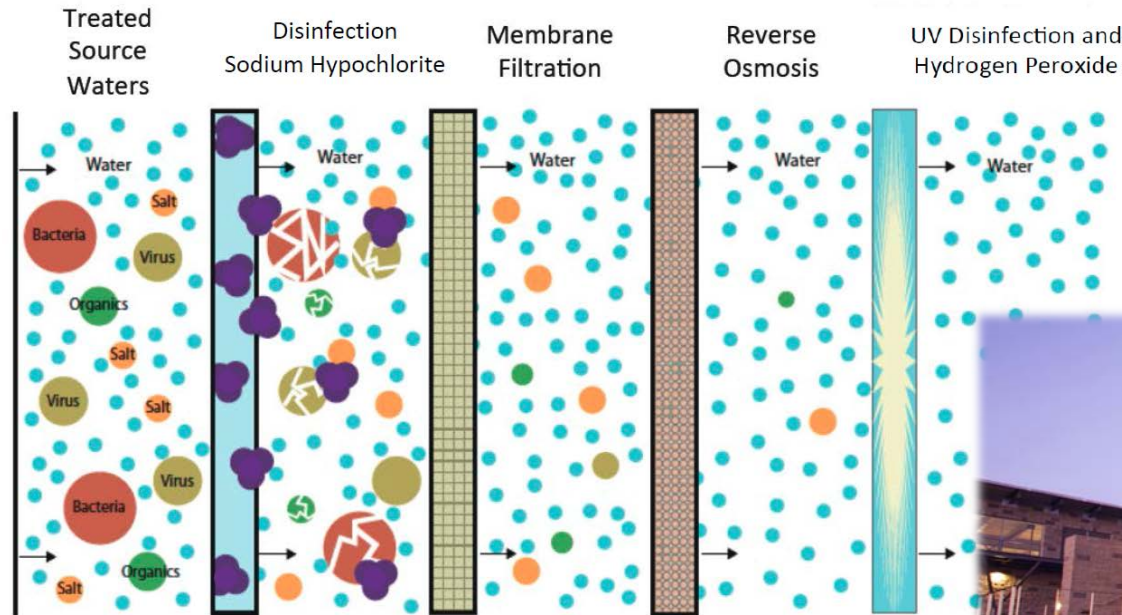
- Heal the Bay
- Los Angeles Waterkeeper
- National Park Service
- California State Parks
- Mountains Restoration Trust
- Santa Monica Mountains Conservancy
- Resource Conservation District of Santa Monica Mountains
- Santa Monica Mountains Fund
- Los Angeles DWP
- Calleguas Municipal Water District
- Senator Fran Pavley's Office
- Supervisor Sheila Kuehl's Office
- City of Calabasas
- City of Thousand Oaks
- Malibu Creek MS4 Watershed Management Committee



Potable Reuse w/ Las Virgenes Reservoir



Advanced Water Treatment Proven Technology



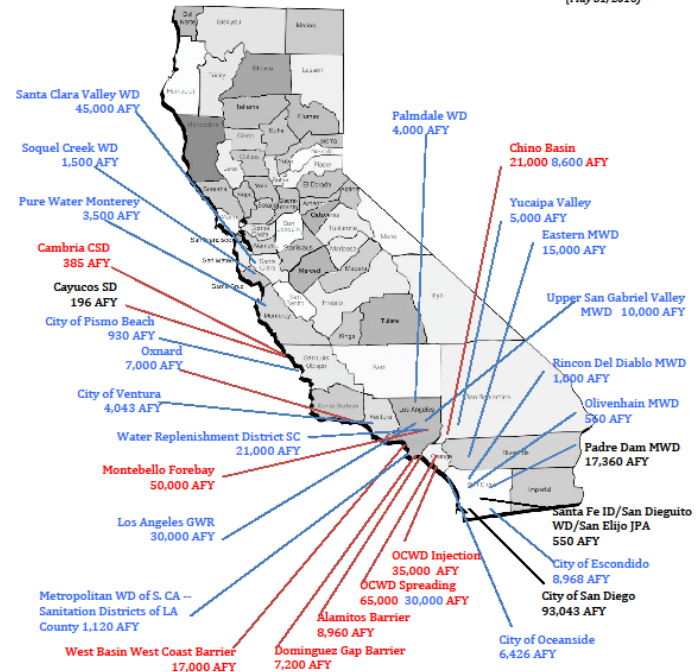
Potable Reuse in U.S. and CA



Potable Use Projects

Red = Permitted groundwater—204,545 AFY
 Blue = Planned groundwater -- 206,047 AFY
 Black = Planned surface water augmentation - 110, 953 AFY

(May 31, 2016)



Next Steps

- Community Outreach/Demonstration Project



Questions

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