

**City of Vacaville's  
Water Conservation Efforts  
and Partnership with  
Solano County Water Agency**

# **I. Water Supply and Demand**

**a. Water Supply**

**b. Water Demand**

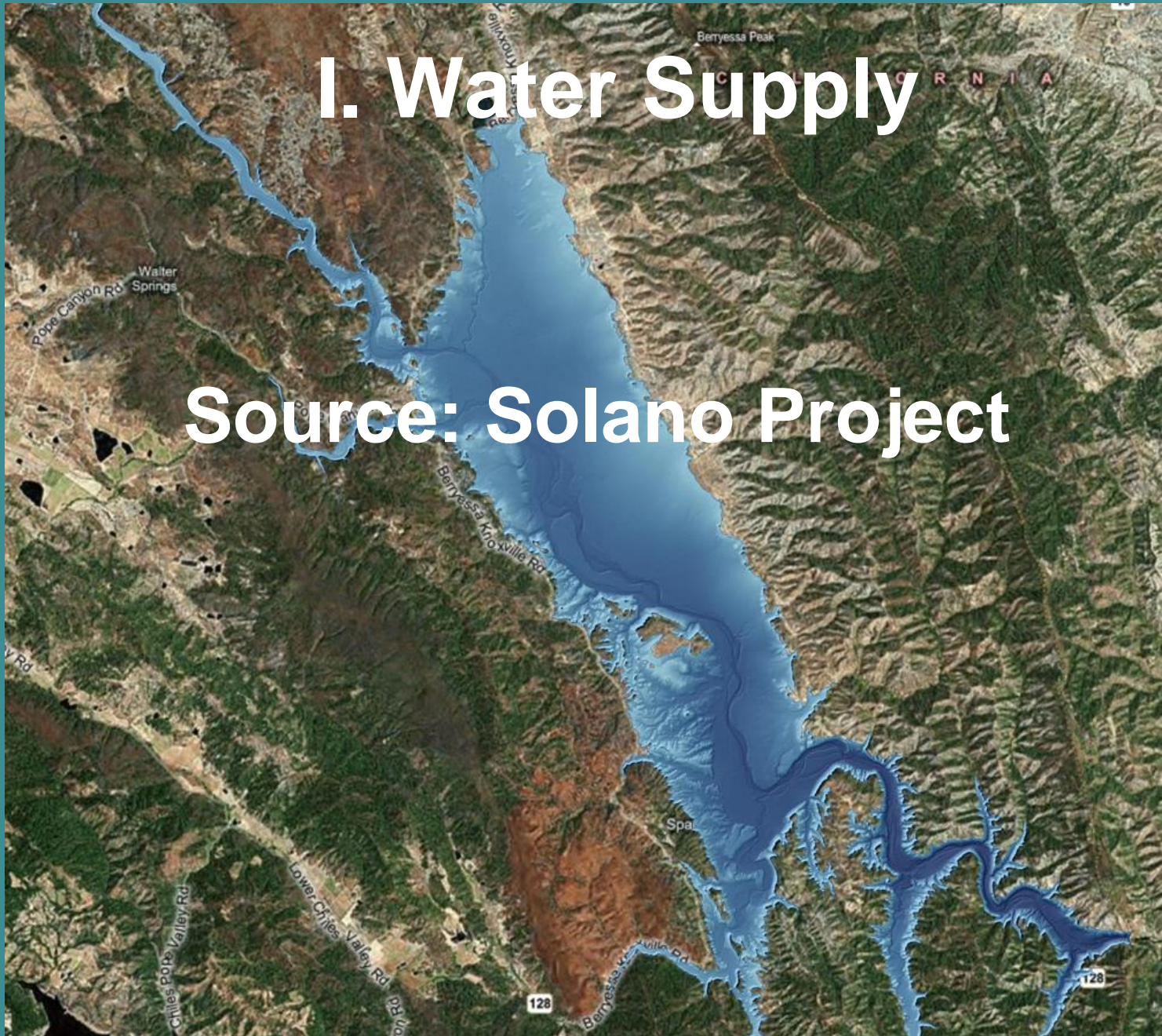
# **II. Water Conservation**

# **III. Collaboration with SCWA**

# **III. Challenges**

# I. Water Supply

Source: Solano Project

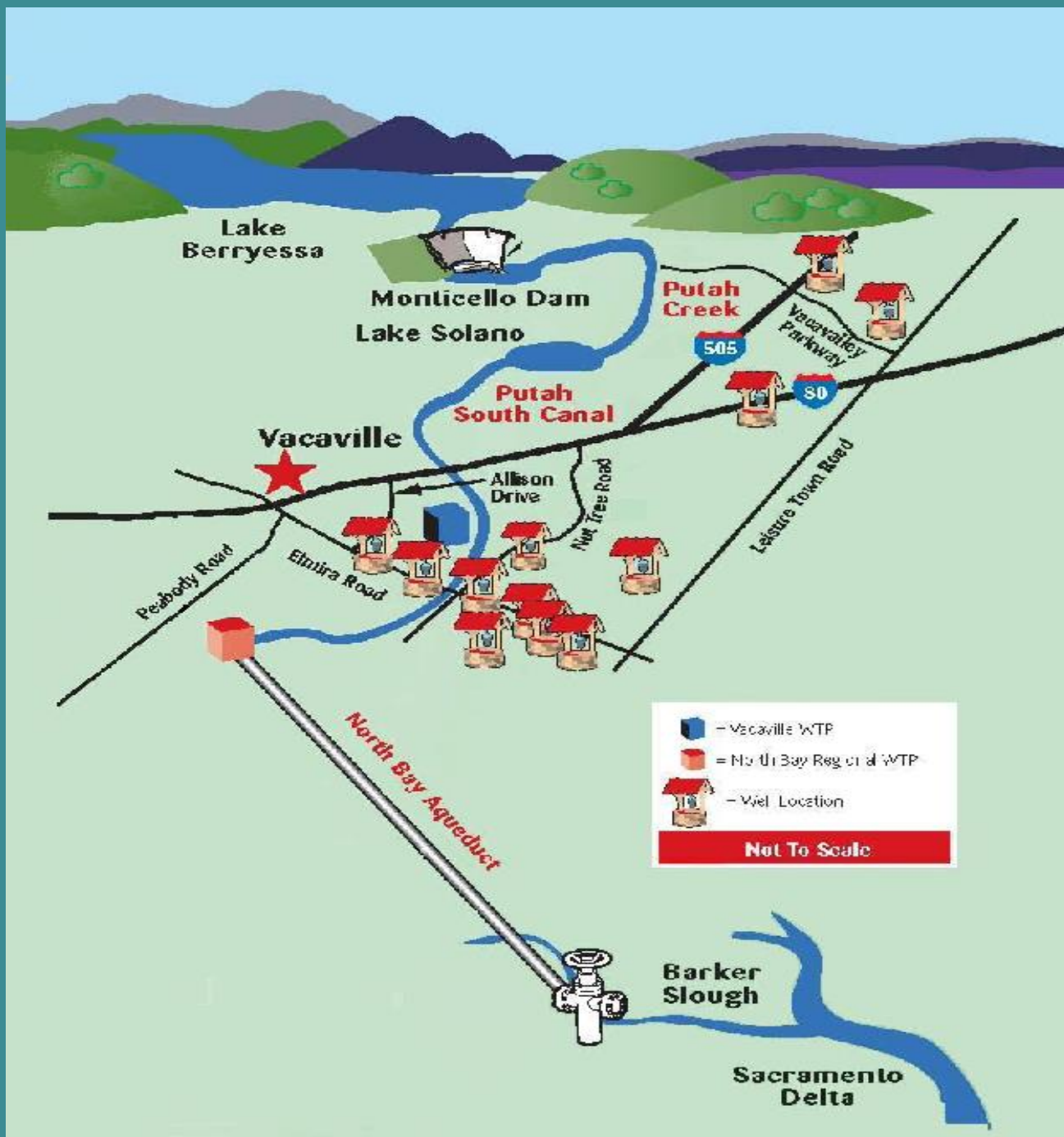


A photograph of a water treatment facility. In the foreground, there is a calm body of water reflecting the sky and the structures. A concrete wall with several large valves or pumps sits on the water's edge. Behind this wall is a tall, slender lattice tower with two large spherical tanks mounted on it. To the right of the tower are several large, white, spherical storage tanks. The background shows a clear blue sky with some light clouds and some greenery on the right side.

Source: State Water Project

Source: Groundwater





# Recent Water Demand

- | <u>Year</u> | <u>Total Acre Feet</u> |
|-------------|------------------------|
| 2008        | 19,391                 |
| 2009        | 17,694                 |
| 2010        | 16,329                 |
| 2011        | 16,072                 |
| 2012        | 16,969                 |

## II. Water Conservation in Vacaville

- Currently encourage voluntary conservation towards compliance with 20 x 2020
- Implementing active, ongoing water conservation program that follows State mandates for Best Management Practices (BMPs) for water use
- Partners with Solano County Water Agency and regional cities in cost-sharing programs



# Water Conservation (continued)

## City promotes Conservation through:

- Water Efficient Landscape Requirements
- Drought Contingency Plan
- Water System leak analysis and repair
- Residential plumbing retrofit of pre-1992 residences
- Conservation Pricing

# Water Conservation (continued)

- Public Education and Outreach
- School Education Programs
- Rebate and Incentive Programs
- CII - Indoors
- CII - Landscape

# III. Collaboration with SCWA

- Cost sharing of programs
- Facilitates UWCC meetings
- Provides agency resources
- Lead agency on mandatory reporting
- Coordinates specific programs
- Coordination with DWR, CUWCC, USBR
- Advocacy at regional and state level
- Procures grant funding

# IV. Water Conservation Challenges

- Revenues vs. Conservation
- Variable vs. Fixed Revenue
- Ability to meet 2015 and 2020 Targets
- Limited staffing and resources

Questions?