



# North Bay Water Reuse Program: Regional Collaboration and Success in Northern California

Grant Davis, General Manager  
Sonoma County Water Agency

March 20, 2012

Assembly Water, Parks and Wildlife  
Committee Oversight Hearing



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

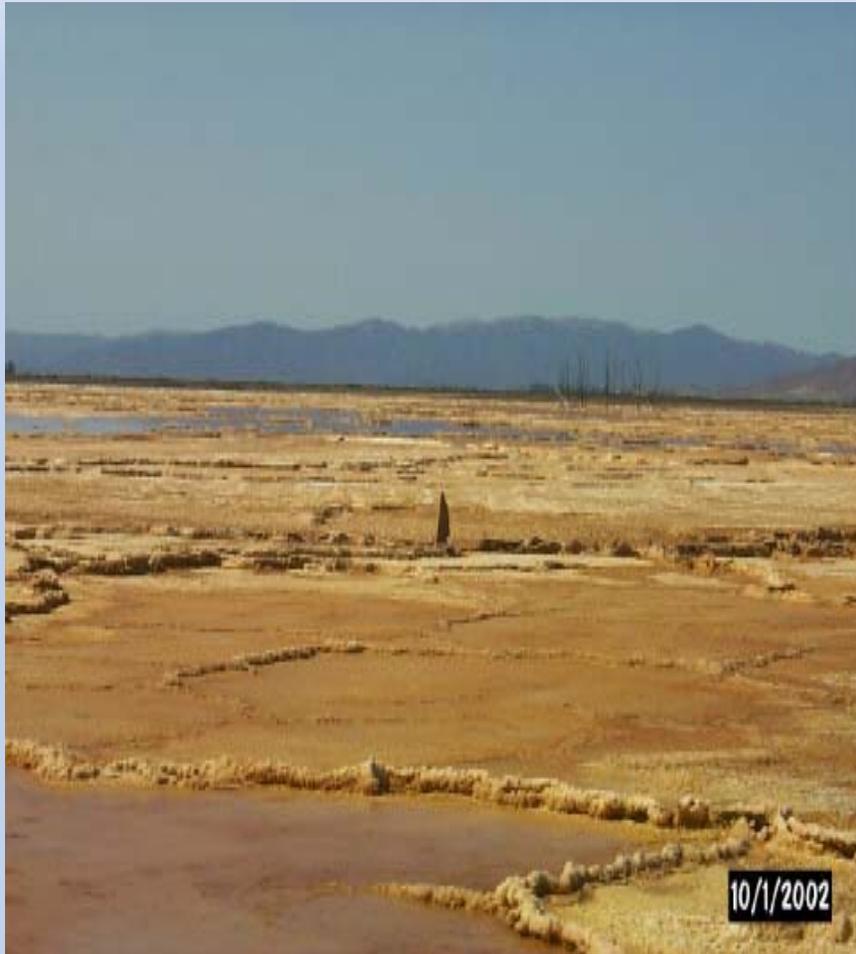
# Overview of North Bay Water Reuse Authority

- Formation of NBWRA
- Current Work
- Future of the NBWRA



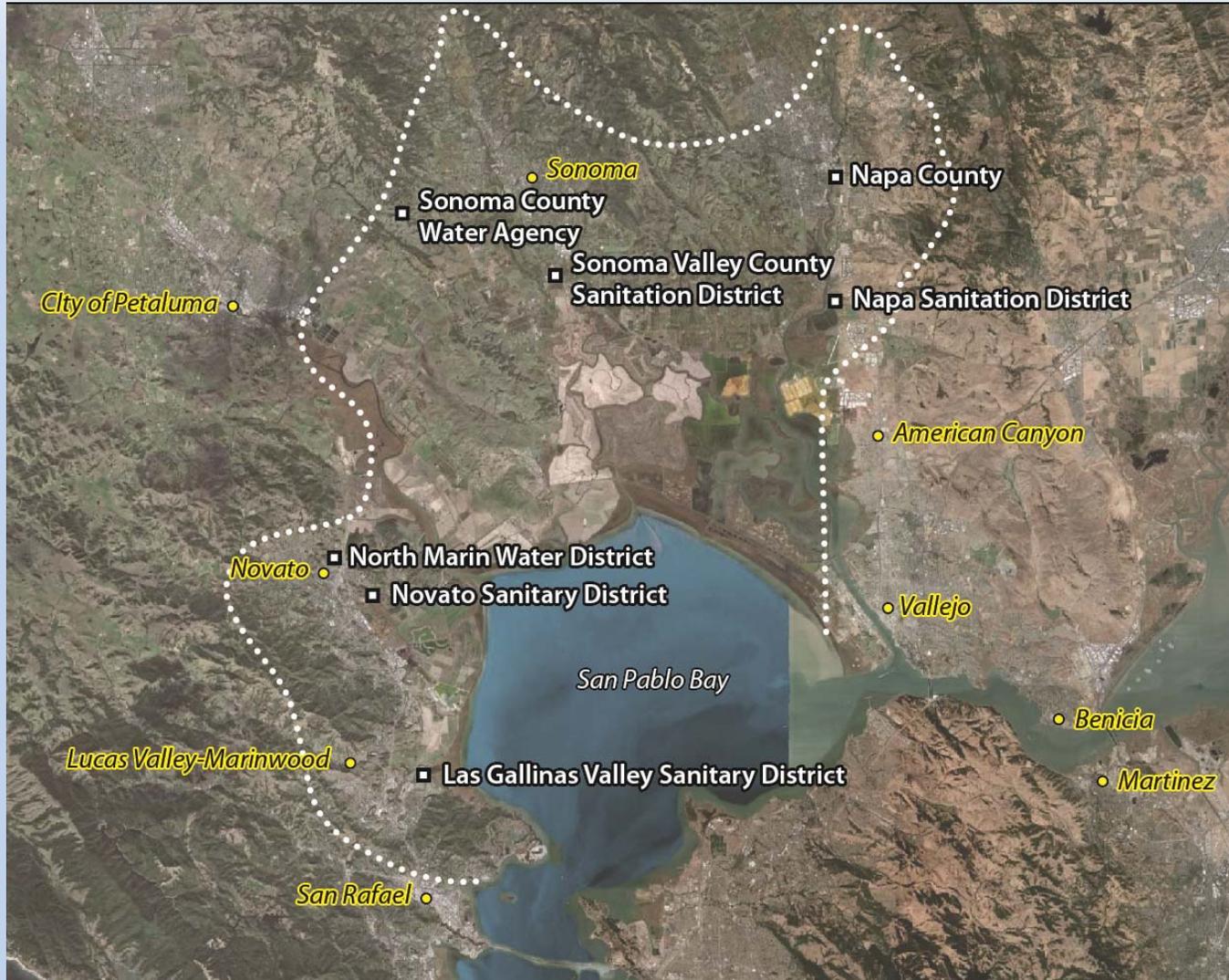
**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# Origin of the North Bay Water Reuse Program



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# North San Pablo Bay Region



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# North Bay Water Reuse Program

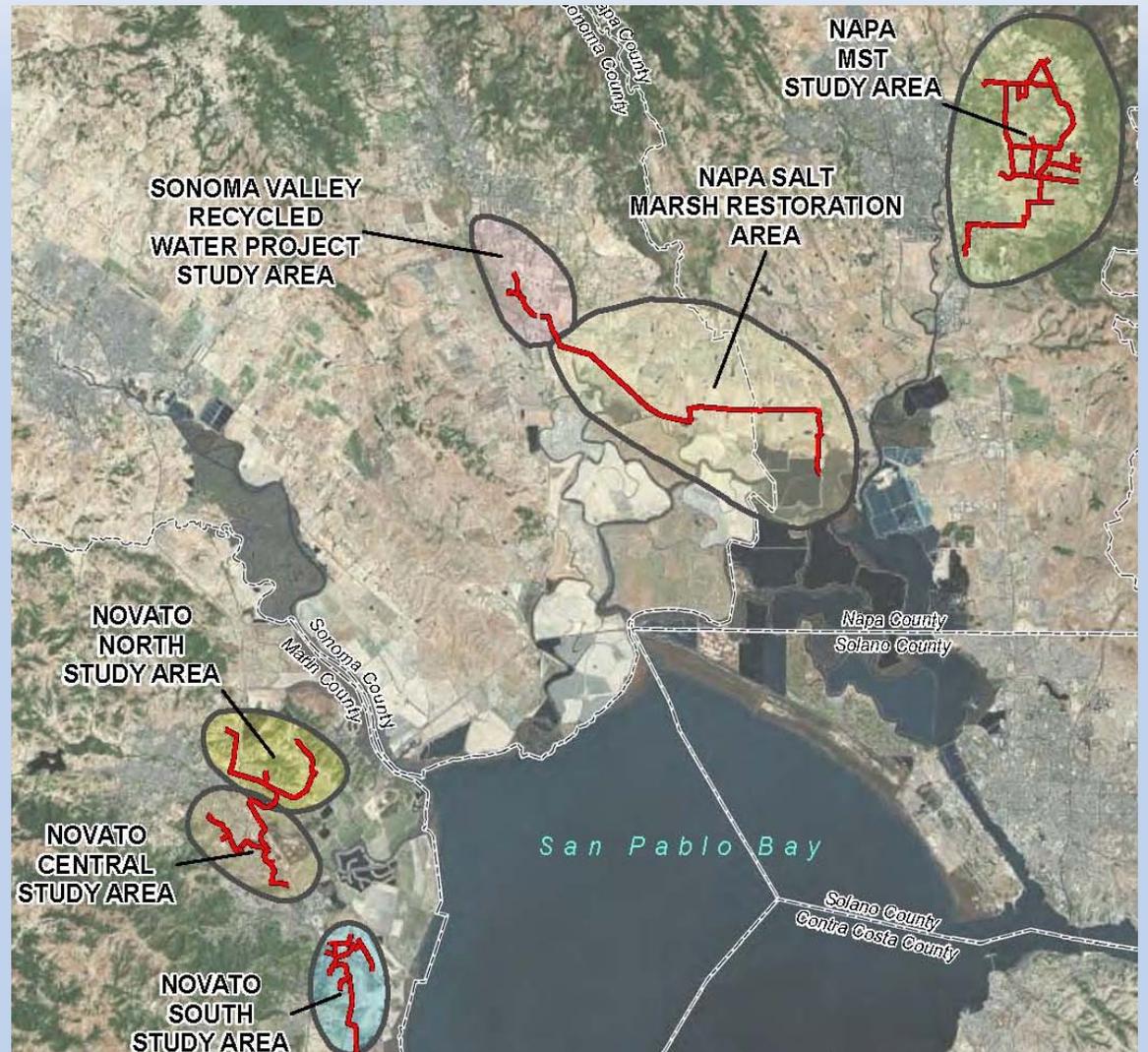
- Program objectives
  - Offset urban and agricultural demands on potable supplies
  - Enhance local and regional ecosystems
  - Improve local and regional water supply reliability
  - Maintain and protect public health & safety
  - Promote sustainable practices
  - Give top priority to local needs for recycled water
  - Implement facilities in economically viable manner



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# Phase 1 Projects

- 💧 Pipelines: 46 miles
- 💧 Storage: 100 acre-feet
- 💧 New tertiary treatment:  
6.5 mgd
- 💧 3,800 AFY for  
irrigation
- 💧 Up to 1,700 AFY for  
restoration



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# Phase 2 Study Area



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*

# Successes

- 💧 NBWRA – 10 years and counting
- 💧 Close partnership with state & federal agencies
- 💧 Maximizing benefits of limited water resources



Pamela Tuft - City of Petaluma; Grant Davis and Pam Jeane - Sonoma County Water Agency; David White, Commissioner Connor, and Dave Gore – Bureau of Reclamation; Keith Caldwell – Chair Napa County Board of Supervisors and Chair of NBWRA  
On site at Sonoma Valley Reclamation Facility, November 9, 2011



**NORTH BAY WATER REUSE PROGRAM**  
*Water Supply Reliability through Regional Reuse*