

Recycled water is a smart and sustainable use of local resources.

In the same way that recycling paper, metals and plastics just makes sense, using high-quality recycled water is another beneficial form of conservation.



REGIONAL COOPERATIVE PROJECT ADDRESSES THE ISSUES

Underway: Environmental Studies, Public Outreach and Involvement

NBWRA is preparing a Feasibility Report (engineering analysis and economic analysis) and an Environmental Impact Report/Statement for review by the public, local decision makers, and the U.S. Bureau of Reclamation.

2008

- Complete environmental studies for both EIR and EIS
- Carry out outreach program
- Circulate environmental documents to stakeholders

2009

- Complete and approve technical and environmental documents
- Begin design

Benefits of the proposed Recycled Water Program

The proposed projects provide a sustainable use of local resources and represent responsible stewardship that provides numerous benefits, including:

- reliable water supply for irrigation of parks, golf courses, public landscaping, and agriculture;
- increased water for restoration of wetland and riparian habitat, as well as fisheries;
- reduced demand on limited local surface and groundwater supplies;
- less discharge of treated wastewater into the Bay and rivers; and
- increased access to grant funds through regional cooperation.



NORTH BAY WATER REUSE AUTHORITY

Sustainability Through Cooperative Water Recycling • info@nbwra.org • NBWRA.org
C/O Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

SUSTAINABILITY THROUGH COOPERATIVE WATER RECYCLING



NORTH BAY WATER REUSE AUTHORITY

A cooperative multi-agency program that promotes sustainability and environmental enhancement in the North San Pablo Bay region by expanding use of recycled water.

Why The North Bay Water Reuse Authority (NBWRA) Was Formed

Recycled water can help protect limited potable water supplies

The North San Pablo Bay region of Sonoma, Marin and Napa Counties faces long-term challenges in providing reliable water supplies. Surface and groundwater sources are limited, and some local groundwater basins are over pumped. A clean, reliable water supply is also needed to continue the restoration of tidal wetlands in San Pablo Bay. Global climate change may further stress water supplies in the near future.

Additionally, wastewater treatment agencies face strict limits on the timing and quality of the treated wastewater they can send to the San Pablo Bay, rivers and streams. By treating wastewater to the strict levels required for reuse, the agencies can recycle the water productively.

Recycled water is a sustainable resource that can augment the local water supply.



Recycled Water—Safe, Tested and Reliable

- *Recycled water is safe and is already being used in Sonoma, Marin, and Napa Counties. It is in use throughout the state, nation, and world.*
- *San Francisco's Golden Gate Park has been irrigated with recycled water since 1932. The California Department of Public Health sets strict standards for use of recycled water.*
- *Many studies conducted over decades have verified its safety.*

[Click to NBWRA.org](http://NBWRA.org) or e-mail us at info@nbwra.org



Five local agencies have formed the North Bay Water Reuse Authority

NBWRA's purpose is to carry out a coordinated, regional effort to put recycled water to its broadest and most beneficial use.

MEMBERS:

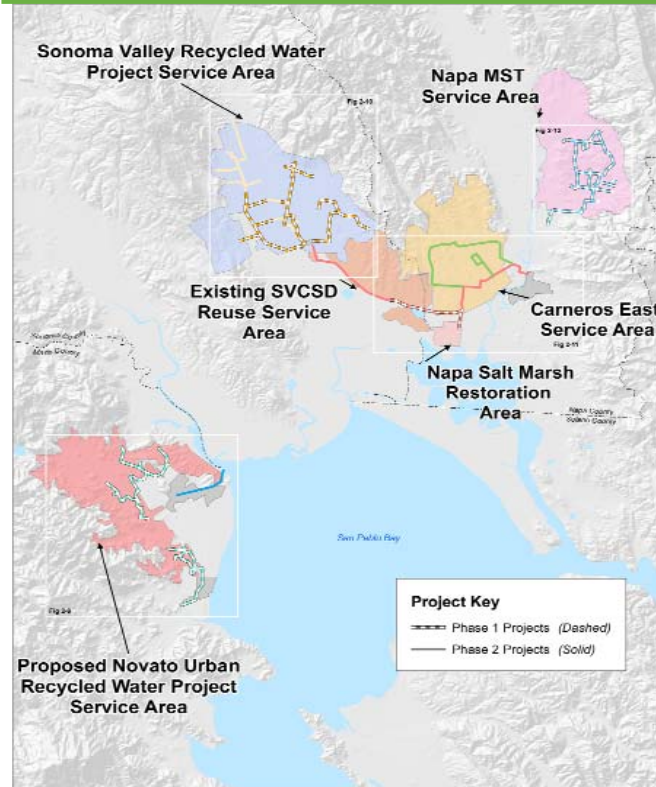
- Las Gallinas Valley Sanitary District
- Napa Sanitation District
- Novato Sanitary District
- Sonoma County Water Agency
- Sonoma Valley County Sanitation District

SUPPORTERS:

Agencies providing financial and technical support for the project:

- North Marin Water District
- Napa County

THREE RECYCLED WATER ALTERNATIVES BEING STUDIED



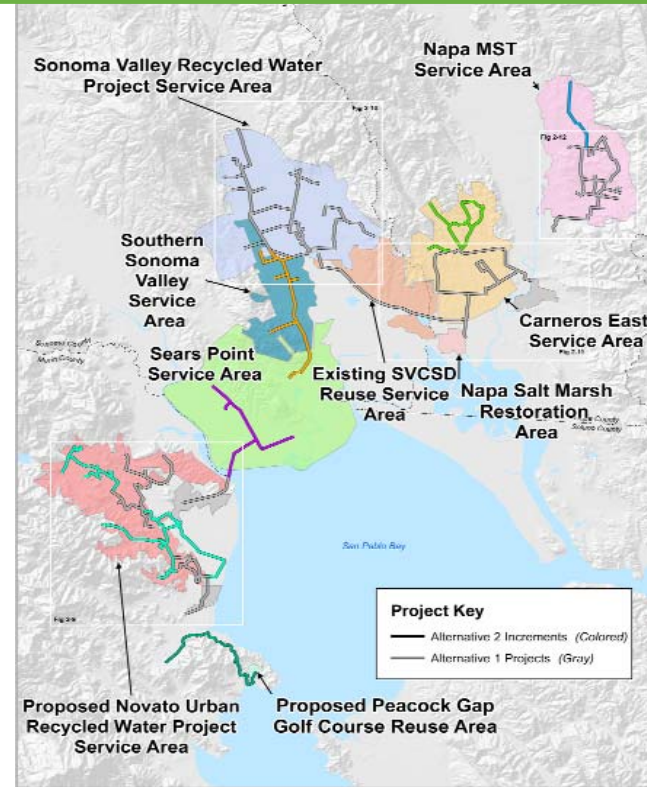
ALTERNATIVE 1: Basic System

14,700 ACRE-FEET OF RECYCLED WATER USE: Recycled water from various wastewater treatment plants is used near each plant in the following locations:

Las Gallinas Valley Sanitary District and Novato Sanitary District serve: Novato urban users, including Hamilton Field

Sonoma Valley County Sanitation District serves: Existing reuse areas plus Sonoma Valley, and Napa Salt Marsh

Napa Sanitation District serves: Milliken-Sarco-Tuluca y (MST) Creek area, and Carneros East

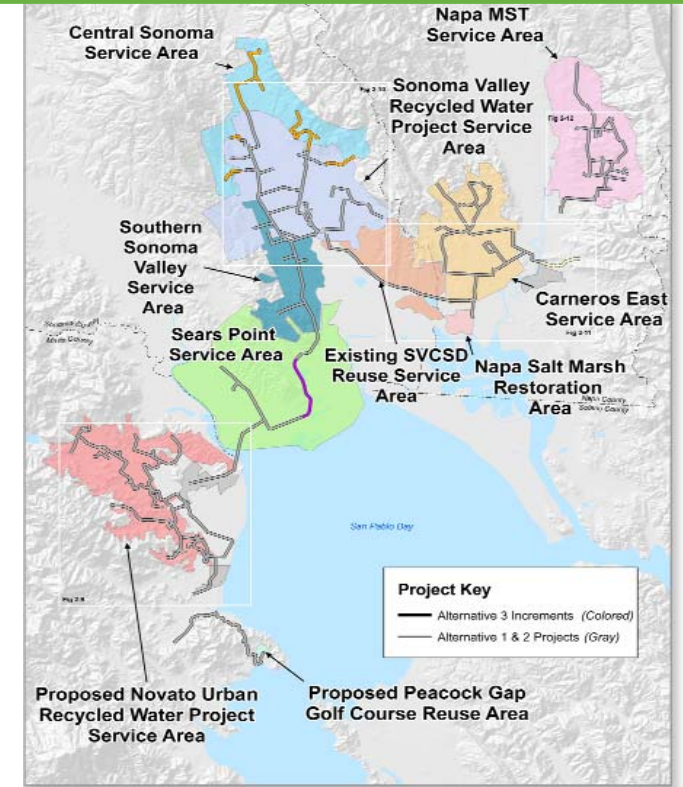


ALTERNATIVE 2: Partially Connected System

16,000 ACRE-FEET OF RECYCLED WATER USE: Adds pipelines and more recycled water storage to Alternative 1, partially connecting the treatment plants

Las Gallinas Valley Sanitary District and Novato Sanitary District serve: Additional pipelines would serve agriculture in Sears Point area, additional urban areas of Novato, and the Peacock Gap Golf Course

Sonoma Valley County Sanitation District and Napa Sanitation District serve: New pipeline would connect the two agencies, and provide additional water for Salt Marsh pond maintenance, Carneros East, MST, and Southern Sonoma Valley



ALTERNATIVE 3: Fully Connected System

21,700 ACRE-FEET OF RECYCLED WATER USE: Fully connects all treatment plants with additional pipelines and storage

All Agencies Serve: Additional recycled water to Southern and Central Sonoma Valley, and Napa Salt Marsh

NBWRA Funding

Grants have been received at a 50% cost share towards environmental and engineering studies. NBWRA is working to obtain another matching grant towards the first \$100 million in project costs. The federal matching funds would be applied to any of the alternatives.