

**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

### Environmental, Outreach and Funding Progress and Timeline

#### 2008

- Completed Engineering and Economic analysis
- Initiated outreach program
- Circulated environmental documents to stakeholders

#### 2009

- Released Draft Environmental Impact Report/Statement
- Project Authorized for Construction in Omnibus Public Lands Act of 2009

#### 2010

- Certified final environmental documents
- Complete Investigation of Dual Purpose Storage

#### 2011

- Begin Phase 1 Construction projects

### Benefits of the Water Reuse Program

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

- a sustainable water supply for agricultural irrigation;
- a reliable water supply for parks and large landscapes;
- 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](mailto:info@nbwra.org) • [NBWRA.org](http://NBWRA.org)  
C/O Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

## SUSTAINABILITY THROUGH COOPERATIVE WATER RECYCLING



## NORTH BAY WATER REUSE PROGRAM

*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

#### Recycling water can help protect limited potable water supplies

Sonoma, Marin and Napa Counties face 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.

Additionally, wastewater treatment agencies face strict limits on the timing and quality of the treated wastewater they can send to the Bay, rivers and streams. By treating 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.**

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



### Local agencies collaborate on North Bay Water Reuse Program (NBWRP)

NBWRP'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*
- *North Marin Water District*
- *Napa County*

# PHASE 1 PROJECTS

## PHASE 1 PROJECTS:

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:**

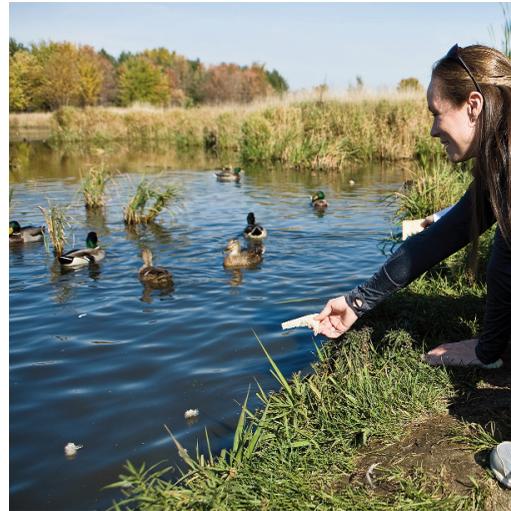
Novato urban users, including Hamilton Field

**Sonoma Valley County Sanitation District serves:**

Sonoma Valley and Napa Salt Marsh

**Napa Sanitation District serves:**

Milliken-Sarco-Tuluca (MST) Creek area

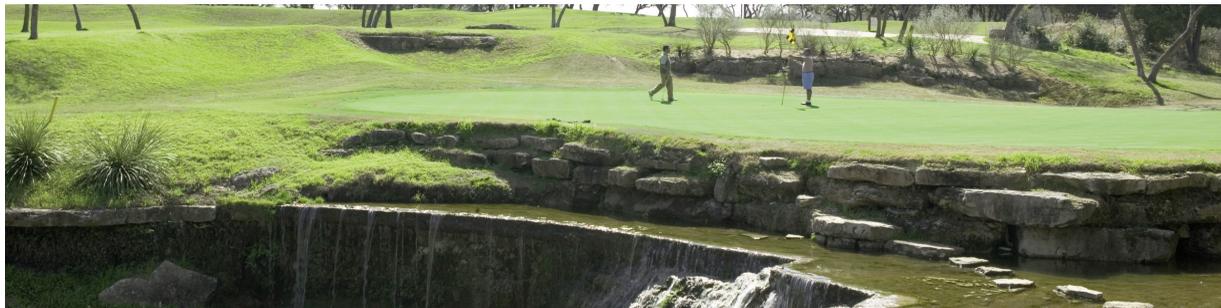


## Environmental Studies Look Beyond Phase 1

The EIS/EIR for Phase 1 is certified. The Environmental studies analyze the Phase 1 projects to a project level that provides adequate detail to approve and construct the projects. There is program level analysis of three alternative plans, called Alternative 1, 2 and 3, that are incrementally larger than Phase 1. Program level analysis of the three alternatives is a cost effective way to provide an initial environmental analysis. If NBWRA decides in the future to expand beyond Phase 1, additional studies would be required.

## North Bay Water Reuse Program Funding:

More than \$1.5 million in Federal funding has been received for the engineering, planning and environmental phases. The total cost of the first phase of the program is estimated at \$100 million and NBWRA has obtained authorization from Congress to receive \$25 million (25% match) for design and construction activities. Of the \$25 million, \$7.3 million has been approved in American Recovery and Reinvestment Act (ARRA) funding.



*Recycled water reduces demand on local potable supplies, improves the environment, requires less energy and costs less than most other water sources.*

