



THE PIPELINE

Ed Henderson, Chairman • Mark Luce, Vice Chairman • Harry V. Martin • Charles Gravett • Dennis Scherzinger Board Members

The Little Purple Pipe That Offers a World of Solutions

Reclaimed water is one of the best answers to Napa's growing water shortage problems. The reclaimed water that flows through NSD's purple pipes is so clean and versatile that you can do anything with it except drink it.



NSD's Reclaimed Water Promises Solutions to Area's Water Needs

The fact is that Napa has an ever-increasing residential, agricultural and commercial demand for water. The present ground-water shortage problem, especially in the Coombsville and East Napa regions, has the potential, if unaddressed, for one day leaving customers drawing sand instead of water. The great news is that NSD already has a win-win, low-cost solution now in reclaimed water.

Because reclaimed water relieves the stress on other water resources, the NSD continues to expand its purple pipeline network to such high-capacity users as Napa Valley College and the Napa State Hospital.

The underlying goal of the Napa Sanitation District, is to look ahead and work towards providing the best possible future for generations of Napa residents. These 'little purple pipes' are a part of that long term investment

The reason for the purple? Actually, the color purple is required color only on any user's site or wherever one could tap in or access the recycled water valve for use. Other than that, there are no regulations requiring installation of purple pipe (such as the main lines in the street).

Sanitary Sewers, Not Storm Sewers...

The Napa Sanitation District wants to remind you that the City of Napa Public Works handles the street storm sewers. To report a flooded street or a plugged catch basin on the street, contact the City of Napa at 257-9520, extension 7404.

A new golf green is watered using recycled/reclaimed water from NSD.



Recycling Resources

Napa Sanitation District
935 Hartle Court
Napa, CA 94559



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A Job Well Done

"Without individuals like Stefanie Dougherty, Napa would really be up a creek," said Bill Gaffney, NSD's Pollution Prevention and Source Control Officer.

Dougherty, a NSD laboratory analyst, was recognized recently for successfully completing a battery of DMR-QA/WP studies. Each year, NSD is required to participate in these performance evaluation studies in order to maintain approval from the EPA.

As part of these performance evaluations, the NSD laboratory is given solutions containing unknown concentrations of each constituent that the lab is certified to analyze. All of Dougherty's work fell well within acceptance limits for each study and, in some cases, very close to the true value. Another test required by the Dept. of Health Services and which was successfully completed entails putting larva-stage fish in NSD's final treated water and determining rates of survival.

"Simply stated, because lab analysts like Stefanie do their job well," Bill added, "we have accurate, reliable data. This is vital for keeping NSD within our mandatory levels and for alerting us to any potential pollution problems throughout the system and, by the way.....all the fish survived!"



Stefanie Dougherty at NSD Laboratory

Napa Sanitation District Receives CASA Achievement Award

In recognition of its continued technological advancement, effective wastewater management and outstanding service, the Napa Sanitation District in partnership with Carollo Engineers has been honored recently by the California Association of Sanitation Agencies with its 2003 Associates Achievement Award.

The CASA Associates Achievement Award is given once a year to an organization which has made significant technical advancement in wastewater collection, treatment and disposal, environmental protection and effective wastewater management.

For many years now, NSD has had the goal of providing a high quality, technologically advanced wastewater system that would serve not only the immediate but also future needs of our community. The NSD is honored by this recognition by the CASA for how we are achieving that goal.

In 1990, the Napa Sanitation District made the decision to consolidate its treatment facilities at the Soscol Treatment Plant and hired Carollo Engineers to work with them on this extensive project. Together with Carollo Engineers, NSD partnered to create a design that not only consolidated the two existing treatment systems but also allowed for high quality, tertiary reclaimed water for reuse and the load reduction on existing oxidation ponds.

"Teamwork has been a key concept in the successful completion of the project," said Doug Wing of Carollo Engineers. "District staff were a very critical part of the team that designed, constructed and started up two complex construction projects. Moreover, Soscol Water Recycling facility staff had to work around construction that started in 1995 and really is just now finally completed. The result of all this teamwork is an award-winning facility as reflected in this CASA award and the Plant of the Year award from the WateReuse Association."

"In addition to having a model wastewater treatment plant," Wing continued, "NSD's goal of producing a high quality water reuse program has created an additional water resource that will be important in meeting the future water demands of the community."

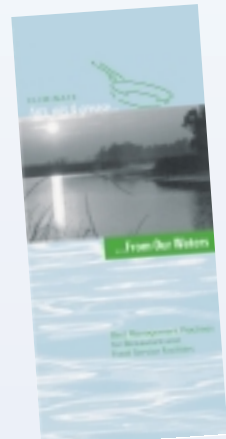
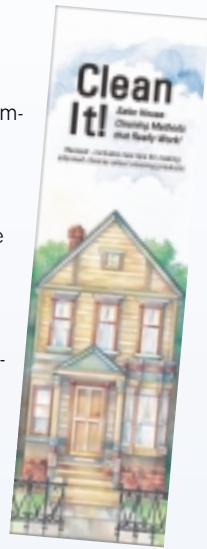
The award and accompanying trophy was presented at the CASA 2004 Mid-Year Conference on January 23, 2003.



NSD Receives Achievement Award from the California Association of Sanitation Agencies

FREE Resources...

Clean It! Guide: A quick, easy-to-read guide that provides practical tips for identifying and using safe, environmentally positive cleaning products. This pocket-size pamphlet includes a wealth of information including instructions for Safe Disposal of Household Hazardous Waste, locations of regional Hazardous Waste Facilities, Drain and Garbage Can's and Can't and much more.



Fats, Oils and Grease: A "must" guide for every household or any business that has operates with food and/or oil-related products.

Copies of both resources

are available at the NSD office located on 935 Hartle Court office or by logging on to the NSD website at www.napasanitiationdistrict.com.

Employee News

Welcome to New Employees:

- Steven Chavis, Operator II
- John Cunningham, Operator I
- Stefanie Dougherty, Lab Tech I
- Kevin LeBeau, Plant Attendant
- Lily Prudhomme, Contracts Admin.
- Robert Ray, Equipt. Maintenance Specialist I
- Antonio Rubio, Operator I
- Gabriel Snook, Plant Attendant
- Terry Sotelo, Laboratory Director
- Frank Zilotto, Operator III

Partnerships.....

On an ongoing basis, the Napa Sanitation District partners with local, state and federal organizations to provide educational resources and opportunities for Napa County and Bay Area residents, schools and businesses:

"Kids in Creeks"

An Interdisciplinary Creek Exploration and Restoration Workshop for Educators

Saturday, March 6 for K - 6 Educators
Saturday, March 13 for 7 - 12 Educators

A terrific resource for teachers and educators wanting to teach their students about the aquatic environment and pollution prevention! Presented by the Aquatic Outreach Institute in partnership with the Napa County Stormwater Management Program, City of Napa and Napa Sanitation District, this hands-on seminar workshop will provide information about watersheds, wetlands, native creekside plants, aquatic insects and water quality. Educators participating in the workshop will have an opportunity to receive a \$150 stipend for developing a creek and watershed outreach project with their students.



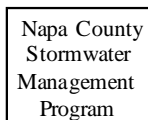
NapaMax.Org To The Rescue

The motto of NapaMax.org could read, "One man's trash is another man's treasure."

An innovative idea of a collection of local and state agencies, NapaMax is a website that provides the opportunity for businesses and residents to exchange unwanted items but which still have useful purposes at no cost! At NapaMax.Org, you can browse listings of "available" and "wanted" items as well as create your own listing.

What can you find on NapaMax? Great, useful items that won't be going to the landfill such construction materials, containers, pallets, scrap materials, organics, appliances, landscaping materials, computer equipment and furniture.

This and much more...all for free!
Check it out at www.napamax.org.



Aquatic Outreach Institute



Who Ya Gonna Call?.....

A G G H H H H H ! They are absolutely everywhere...in the kitchen cabinets, under the bathroom sink, along the downstairs windows and even in your plants. You didn't invite them. You don't even know how they are getting in. But still they come, line after line, like a battalion of soldiers whose sole mission is to drive you absolutely crazy.

Ants. Oh, no. Ants.

Hundreds, in fact, have landed smack dab in your house. It's you against them and, this time, it's not going to be pretty.

Now...just one second.

Before you just grab that can of "common household pesticide" that seemed to work so great last time but which went down your sink and ended up in the fish in the Bay, do something else this time.

Become an Ant Buster.

Yes. Ant Busters know how to get rid of these little critters without harming other bigger critters. How can you become an Ant Buster? Simple. Just follow their handbook.

Ant Busters Invasion Handbook

1. Don't panic. The ants have taken you by surprise but now you are on to them. Do some reconnaissance to find out what the ants are after and where they are entering the room. Look for the "scouts" who are leading the nasty little charge.

2. Clean up lines of ants with a vacuum or spray them with a solution of soapy water

(and wipe up with a sponge). Don't remove any food until after you have cleaned them up or else the ants will scatter. Use soap to wash away the chemical trail that the scouts have left for the others to follow.

3. Block entry points temporarily with a smear of petroleum jelly or tape. Use silicone caulk to permanently close cracks in walls, pipes, windows and ducts.



4. If you can't find an entry point, clean up the ants and then put a bait station on the line that the ants have been following. Always be sure to remove the bait station once the ants have disappeared so that the bait station itself doesn't attract more ants into the house.

Use baits with boric acid, hydramethylon, fipronil or arsenic as an active ingredient. Don't spray insecticide around the bait as it will repel the ants. Baits may take several weeks to kill the ants but after a few days to a week, you should see a significant reduction.

5. If ants are nesting in a potted plant, move it outdoors, water it thoroughly and then place it in a bucket filled with water (up to 1" of the rim). Using a stick, make a bridge for the ants to get out of the bucket without getting into the water. When no more ants emerge, drain the pot well.

6. Put pet dishes in a moat consisting of a shallow, wide container filled with soapy water.

Directors Corner

Ed Henderson:

"Everything we do at the Napa Sanitation District is focused on building the best future for this community and its water resources. From plant efficiency to investigating new ways to utilize reclaimed water, we want Napa to be a great place to live for generations to come."



Harry V. Martin

"In the mid-1990s Vince Ferriole and myself pushed for a recycling program as a substitute for dumping water on valuable land space. In the late 1990s JoAnn Busenbark and I completed the negotiations for the Kennedy Park pipeline. Today these efforts are virtually a reality. It takes many boards and many people to accomplish long-term goals."

Dennis Scherzinger:

"The Napa Sanitation District is doing studies to determine sewage flows in the sewer systems during rainstorms. Sewers that have excessive infiltration and sewage flows will be repaired or replaced. This procedure will benefit future generations by reducing the cost of future sewage treatment since there will be less sewage to treat."



Mark Luce: "Our goal is to reach zero discharge, where all of our water is being reused beneficially rather than being discharged into the river.

This will remove any pollutant load on our river and, more importantly, it will reduce the amount of water we need from our creeks, river and bay for irrigation, thereby leaving more water for the environment and thus improving the health of our watershed."

Charles Gravett:

"Pay attention to what you put down the drain because it'll need to be taken out later. And depending on what it is it can effect the cost of treatment."





NSD Website Launched! www.napasanitiation.com is here.

It's the perfect place to learn about the Napa Sanitation District and its many resources.



- ✓ Find out what NSD projects happening in your neighborhood
- ✓ Take a virtual tour of NSD wastewater treatment facilities
- ✓ Learn about pollution prevention tips for residents and commercial businesses
- ✓ Obtain contact information including emergency telephone numbers

- ✓ Get permit and connection information
- ✓ See maintenance and repair services
- ✓ View a calendar of activities including Board of Directors Public Meetings
- ✓ Schedule tours and educational resources for schools
- ✓ Check out employment opportunities