

Providing a reliable supply of  
high-quality water and flood  
protection to the Livermore-  
Amador Valley.

100 North Canyons Parkway  
Livermore, CA 94551  
925/454-5000  
www.zone7water.com



OCTOBER 2007

# WATERWAYS



WATER SUPPLY



WATER QUALITY



FLOOD PROTECTION

A NEWSLETTER FROM THE ZONE 7 WATER AGENCY

## COMMUNITY EVENTS

### Day on the Glen

Thanks for visiting us at our water-awareness and flood-protection booth at the seventh annual Day on the Glen Festival at Emerald Glen Park in Dublin, held Sept. 15 and 16. Hope to see you again next year!

### Creek Cleanup Nets 1,300 Pounds of Trash

More than 160 people volunteered on September 15 to clean up trash and other debris—even a couch—from creeks in Pleasanton as part of the 23rd annual California Coastal Cleanup Day. Thanks to the City of Pleasanton for taking the lead in this event, along with volunteers from Cub Packs 916, 934 and 920, the local Church of Jesus Christ of Latter-Day Saints, Congregation Beth Emek, and other groups and individuals.

Overall, the cleanup netted approximately 1,285 pounds of trash plus 109 pounds of recyclable material, 30 tires, one couch and four shopping carts. Much of the debris originated elsewhere in the Tri-Valley area and was washed into the creeks by storms.

This year, a Zone 7 truck with a banner raising awareness about the water agency's new, environmentally friendly StreamWISE flood-protection program helped the city haul collected garbage to the local dump.



## Kid's Zone

### Test your water knowledge!

1. What accounts for about half of the water most Californians use at home?
  - a. Showers
  - b. Automatic sprinklers
  - c. Toilets
2. How much water does the average family of three in the Valley use each day (including for outdoor landscaping, bathing, clothes washing, etc.)?
  - a. 400 gallons
  - b. 200 gallons
  - c. 100 gallons
3. True or false: When water is polluted with paint, oil or pesticides and goes into the storm drains on your street, is it treated before it flows into the creek or the Bay?
4. True or false: Throwing trash and other objects in storm drains and creeks can create blockages that increase chances of local flooding?

Answers: 1) b, 2) a, 3) false, 4) true

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Permit #284



## GENERAL MANAGER'S MESSAGE

### Softening Your Water

Zone 7 is happy to announce that we broke ground in July on a new water-softening facility near Santa Rita Road and Stoneridge Drive in Pleasanton. The plant will remove minerals from underground water supplies that, while safe to drink at levels found locally, can leave water spots on shower doors and buildup on plumbing fixtures. Groundwater from four nearby existing Zone 7 wells will be pumped to the new facility for removal of minerals such as calcium and magnesium, which contribute to drinking-water hardness, prior to delivery to our retailers. The plant is expected to get on line in 2009 and a second one is planned for the future.

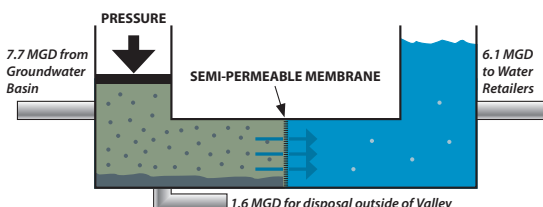
The demineralization plant will have an added benefit. While improving the quality of drinking water delivered to some customers in the western part of our service area, it also allows the region to increase its use of recycled water, thereby reducing demands on water currently conveyed through the Delta (see adjacent article) for uses such as landscape irrigation. Recycling makes the most of our local supplies, while demineralization assures that such recycling does not add to mineral buildup in the groundwater.

For more information on our Mocho Water Demineralization Project and on other Zone 7 water-quality projects, check out our web site at [www.zone7water.com](http://www.zone7water.com).

– Jill Duerig

Zone 7 General Manager

## RO reverse osmosis



The demineralization plant will use reverse-osmosis membrane technology to treat up to 7.7 million gallons of groundwater a day pumped from a series of nearby existing wells.

## NEWS: Zone 7's Reliance on Delta-Conveyed Water

*It's Not Just a Southern California Issue*

You might be surprised to learn that Zone 7's service area, comprised of Livermore, Pleasanton and Dublin, gets 80 percent of its water delivered through the same Delta pumps that serve Southern California and farmers in the Central Valley. Most of our water starts as Sierra snowmelt and is conveyed through the Delta – in serious peril both ecologically and in terms of its ability to continue transporting fresh water to 25 million Californians.



At stake—if nothing is done to address the Delta's decline—is our very quality of life. Water agencies and environmental groups from across the state are working to determine how best to transport water from the Sierra for delivery while protecting and restoring the rich ecology of the Delta.

A recent court-ordered reduction in State Water Project deliveries for 2008 underscores the importance of a Delta fix. The ruling reduces up to 30 percent of water deliveries for a year while state and federal agencies determine ways to better protect endangered Delta smelt. Zone 7 currently has enough stored groundwater and other emergency reserve supplies to meet projected demands during 2008. But because Delta-related water-supply reductions could continue into future years, and because dry weather conditions may persist, we are urging customers to conserve by 10 percent.

Stay educated! A public television program about the pump shutdown and its impact on our communities, underwritten by members of the Association of California Water Agencies, will air on KQED Channel 9 at 2:30 p.m. on November 8, and can be viewed online at [www.acwa.com](http://www.acwa.com).

### Arroyo Mocho Crossing Removed

A concrete crossing of Arroyo Mocho behind Granada High School in Livermore has been removed to enhance the creek's environment, remove a potential fish barrier and, at the same time, improve campus safety and security.

The multi-benefit project involves a partnership between the Livermore Valley Joint Unified School District and Zone 7, which is responsible for flood protection and has identified the crossing removal in its StreamWISE (Waterway Improvements Supporting the Environment) Program as a way to improve the water quality in our groundwater basin.

## WHO TO CONTACT

**Zone 7 Water Agency • 925-454-5000**

*For Questions Regarding Your Water*

California Water Service Company • 925-447-4900

City of Livermore • 925-960-8100

City of Pleasanton • 925-931-5520

Dublin San Ramon Services District • 925-828-0515

*For Questions Regarding Your Storm Drains*

Alameda County Public Works • 510-670-5480

City of Dublin Public Works • 925-833-6630

City of Livermore • 925-960-8100

City of Pleasanton Public Works • 925-931-5500

## WINTERTIME WATER CONSERVATION TIPS

Check out [www.watersavinghero.com](http://www.watersavinghero.com) – or try some of these easy tips:

- If you have an automatic sprinkler system, reprogram it for less-frequent or no watering.
- Capture rain water with buckets under gutter outlets, and then use the runoff to water indoor plants.
- Check and repair leaking faucets and sprinklers.
- Replace your old toilet with an Ultra Low-Flow Toilet that uses less than 1.6 gallons per flush. Contact your local water provider for information. If you need to recycle your old toilet to qualify, you can do so through:

### Pleasanton Garbage Service

3110 Busch Road, Pleasanton

(925) 846 2042

Daily, 8 a.m. –4 p.m.

### Boy Scouts of America Troop 924

Livermore Waste Water Treatment Plant

101 W. Jack London Boulevard, Livermore

925-960-4320

Limited Saturday schedule