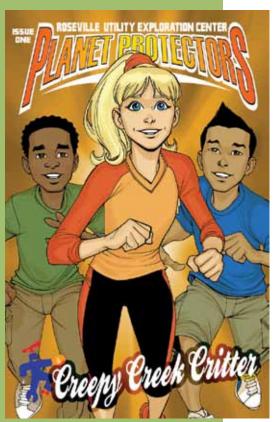
ENVIRONMENTAL UTILITIES CITY OF ROSEVILLE August 2012



WATER • WASTEWATER • RECYCLED WATER • STORMWATER • SOLID WASTE

DON'T MISS IT! Roseville Launches Its Very Own Comic Book Heroes





Join us for the launch of the new Planet Protectors Comic Book Series and the opening of our new Planet Protectors' Green House Makeover exhibit.

3 p.m. until 7 p.m.

Roseville Utility Exploration Center
1501 Pleasant Grove Boulevard

Friday, September 14, 2012

The latest entries in the ranks of superheroes, our Planet Protectors are featured in our new four-book series that highlight ways to reduce waste and save energy and water. Bring the family and come out to see the new exhibit and meet illustrator Bernard Chang and his latest creations.

roseville.ca.us/explore





Meet BERNARD CHANG, well-known Marvel® Comics and DC Comics® illustrator when he comes to Roseville to introduce his latest comic book heroes, Roseville's own Planet Protectors.

Since 1992, Chang has been a professional illustrator of books that include X-Men®, The New Mutants®, Cable®, Deadpool®, Superman® Plus, and Wonder Woman®. During the free event, Chang will be signing copies of the new, limited edition Planet Protectors comic books to celebrate their debut.

Maintenance Projects Key to System Integrity

Just like you change your oil and replace your brakes to maintain your car; we're almost constantly working on small and large projects to keep our wastewater collection and treatment system in tip-top shape.

Current projects include:

- Phase two of rehabilitating a 22" cast iron sewer pipe in downtown
 Roseville using a slip-lining technique that limits the need for trenching.
- Retrofitting mechanical equipment on clarifiers at the Dry Creek Wastewater Treatment Plant.
- Installing a new liner to protect concrete against corrosion at the Dry Creek Wastewater Treatment Plant.
- Relining pipes in older sections of Roseville where roots have blocked or cracked pipes.





New Wells Help Protect Our Future Water Supply

Construction is set to begin this month on two new ground water wells that will be equipped for aquifer storage and recovery (ASR). Funded through a grant by the California Department of Water Resources, the new wells will allow the city to inject drinking water into an underground aquifer during the rainy season, when water is abundant. During the dry summer months when drought conditions exist, the city can draw out the water to supplement drinking water supplies. The two new wells join four ASR wells already available for use. This increases the reliability of our water system and reduces potential impacts of water shortages.

Hurry! Get your Green Guide today!

Find out about the cool classes, family events and informative lectures happening at the Utility Exploration Center this fall. The fall edition of the Green Living Guide is available for download today! roseville.ca.us/explore



In our travels around town, our crews sometimes see water trailing down to the storm drain from an overwatered lawn, a hose left running, or a continual seep from a broken irrigation pipe. Those and other common water wasters are almost always unintentional and typically happen without homeowners' awareness. So to help prevent water waste, we've instituted a couple of programs designed to inform residents when we spot problems:

Door-Hanger Notices When one of our crews spots substantial water runoff from a property, we come to the door to talk with you or leave a courtesy notice if you're not home. Either way, we'll let you know what we saw and offer information on our free Water Wise House Calls, rebates, and other information that can be helpful in stopping waste. If the problem persists, we'll make another attempt to contact you or leave a second notice. On rare occasions, we have left red-tag notices, but situations usually resolve long before that's necessary.

Water-Use Spikes As a courtesy, our billing division notifies us if water use suddenly spikes on a customer's bill. These dramatic increases are often the only way customers learn about hidden leaks or irrigation problems that happen during the night. After we contact you, we'll come out and perform a free diagnosis to pinpoint the problem.

Both our door hanger and high-use notices are designed to help you avoid water waste and higher-than-necessary water bills. Our goal is to support your efforts to reduce unnecessary water use. If you think you might have a leak or don't know if your irrigation system is operating correctly, we encourage you to take advantage of a *free* Water Wise House Call. We'll give your home an inside and outside review to check for leaks, help you discover ways you can save water, and provide information on our many rebate programs that can help cover the cost of water-saving upgrades.

Call 774-5761 or visit www.roseville.ca.us/housecall to schedule your free WATER WISE HOUSE CALL.



TODAY is published for Roseville's residents by the Environmental Utilities Department of the City of Roseville. ©2012.

Comments and suggestions are welcome—please send to the attention of Sean Bigley.

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Bug of the Month Fighting the Mighty Aphid



There's nothing good to say about aphids, except that you can get rid of them without using toxic pesticides that kill lady bugs, bees, and other beneficial insects. In fact, some gardening experts believe chemical pesticides actually make aphid problems worse by eliminating the natural predators of the remarkably resilient pest.

Experts also recommend that you tolerate some aphids to attract their natural enemies—lacewings, lady bugs, spiders, and tiny nonstinging parasitoid wasps—to help with long-term control. You can also buy beneficial insects, such as lacewings and ladybugs, to boost the predator population.

Once aphids become intolerable, you can avoid toxic chemicals with natural alternatives. You can find these and more on the aphid fact sheet at OurWaterOurWorld.org:

- Wipe off or prune away colonies o aphids from leaves and buds.
- Use a forceful stream of plain water to wash off aphids and honeydew.
 (Be strategic about it, though, so that you don't waste water.)
- Use natural insecticidal soaps or horticulture oils that don't leave behind toxic residues. You'll need to coat the aphids in soap or oil for them to be affective.

Two important facts about aphids can also help you control them:

- Aphids love nitrogen-rich plants. Instead
 of fertilizers that create a nitrogen surge,
 use a slow-release fertilizer that evens
 out nitrogen levels.
- Ants love aphids for their honey dew and will protect them and carry them to new feeding spots. A sticky barrier around trees will stop ants from carrying aphids up to tender leaves.
- ➤ Visit OurWaterOurWorld.org/FactSheets for more information on aphids, ants and other pests.



We're on Facebook

Find us on FACEBOOK and keep up on news and information about Roseville's utilities including water, wastewater and solid waste services.