

## The "Science" Behind Surviving Our Drought

Patriot High School Freshman Zachary Marshall said it's hard to ignore the need to conserve water. With the drought now influencing Californian's daily habits, Zachary felt "Surviving Our Drought" was a logical topic of choice for his Science Fair project.

Zachary began his research by visiting Western Municipal Water District's Water Efficiency Garden in Riverside where he learned that in Western Riverside County, 60% of water is used for residential landscape irrigation. He also learned that the state and JCSD have water restrictions that focused on outdoor water usage. As a result, he developed a Science Fair Project: ***How do the various watering requirements, based on the local water district's drought restrictions, affect the growth and appearance of a residential lawn?***



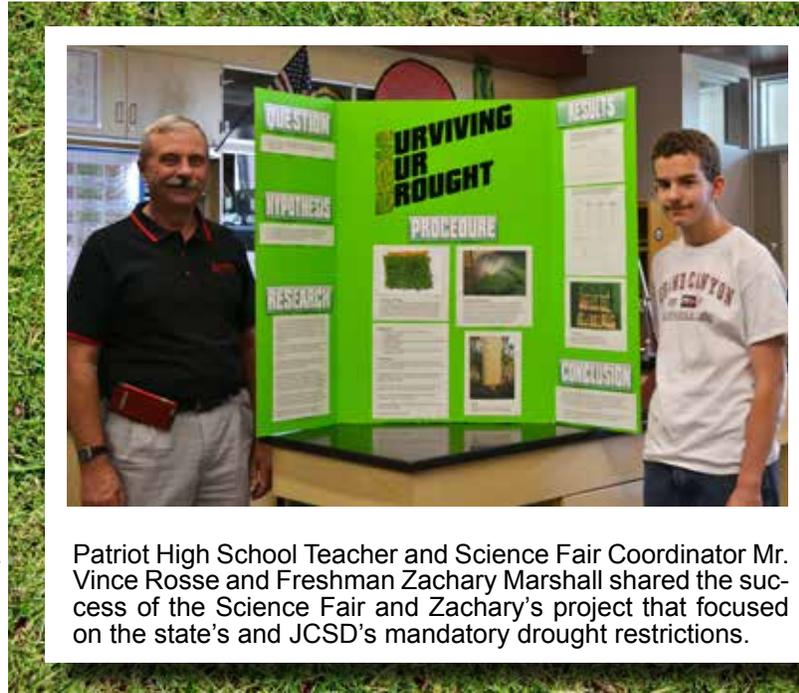
### Zachary's Experiment

He tested JCSD's *Water Shortage Contingency Plan (WSCP) - Level 2 Drought Caution* irrigation restrictions, which include:

- No more than four days per week**
- Between the hours of 8 p.m. and 8 a.m. only**
- No more than 10 minutes, per station, per day**

To test JCSD's irrigation restrictions, Zachary acquired nine 10" x 10" squares of fescue sod and placed them on wood platforms to raise them above ground. This helped to eliminate soil influence. The sod was in an area of his backyard that was exposed to full sun during the month of October 2014.

One set of three squares was watered based on the Level 2 restrictions listed above. The other sets of sod were watered based on JCSD's *Level 3 Drought Alert* and *Level 4 Drought Critical* WSCP restrictions. For approximately three weeks, he applied all levels of JCSD's irrigation restrictions.



Patriot High School Teacher and Science Fair Coordinator Mr. Vince Rosse and Freshman Zachary Marshall shared the success of the Science Fair and Zachary's project that focused on the state's and JCSD's mandatory drought restrictions.

At the end of his experiment, the set of Level 2 restriction sod samples remained green throughout the experiment and grew to be approximately 89 millimeters tall.

**Zachary's "Survive Our Drought" Results:**  
**"This indicates that Level 2 of JCSD's Water Shortage Contingency Plan of watering four days a week should keep a lawn green and healthy."**

The lawn at JCSD's headquarters is currently watered twice a week. Based on our experience and Zachary's experiment, you can reduce your irrigation and still enjoy a healthy lawn. Be sure to inspect your turf's irrigation schedule to meet JCSD's current irrigation regulations.

To read Zachary's Science Project in its entirety, *Surviving Our Drought*, and to learn more about drought restrictions, please visit [www.jcsd.us/Conservation](http://www.jcsd.us/Conservation).

**On April 1, 2015, the Governor issued an executive order directing the State Water Resources Board to impose new restrictions to help achieve a statewide water use reduction of 25%. Please see page 2 for more information.**

# Your Guide to Drought Regulations

## Extended and Prohibited Water Use in California

Drought conditions are continuously evolving and restrictions may be amended. For the most up-to-date drought regulations, please visit [www.jcsd.us/Conservation](http://www.jcsd.us/Conservation).

### State Water Resources Control Board Drought Year Water Actions California Emergency Conservation Regulations

#### What's Prohibited for Everyone

- Using potable water to wash sidewalks and driveways
- Runoff when irrigating with potable water
- Using hoses with no shutoff nozzles to wash cars
- Using potable water in decorative water features that do not recirculate the water
- Using outdoor irrigation during and 48 hours following measurable precipitation

#### What's Required for Business

- Restaurants and other food service establishments can only serve water to customers on request
- Hotels and Motels must provide guests with the option of not having towels and linens laundered daily

#### What Water Suppliers Must Do

- Impose restrictions on outdoor irrigation
- Notify customers about leaks that are within the customer's control
- Report on water use monthly
- Report on compliance and enforcement

## Governor of California's Executive Order

On April 1, the Governor of California issued an executive order directing the State Water Resources Control Board (the State Water Board) to impose restrictions to achieve a statewide 25% reduction in potable urban water usage through February 28, 2016. The State Water Board is developing and will be adopting new restrictions. The mandatory water reductions will also include restrictions on commercial, industrial, and institutional irrigation uses.

The State Water Board is presenting its draft regulations on April 17 and is expected to adopt them on May 5. It is anticipated that urban water providers, such as JCSD, will be required to adopt and implement the new restrictions by early June 2015.

JCSD is evaluating the State's draft regulatory framework to determine its impact on the service area and the community. In the meantime, JCSD is currently in Level 2 (Drought Caution) of its Water Shortage Contingency Plan (the Plan). JCSD is evaluating if amendments to the Plan are necessary to meet the State's mandates and to help increase water efficiency.

Surviving our drought and meeting the State's mandates requires all Californians to make small changes in indoor water usage habits and significant changes to their outdoor watering practices.

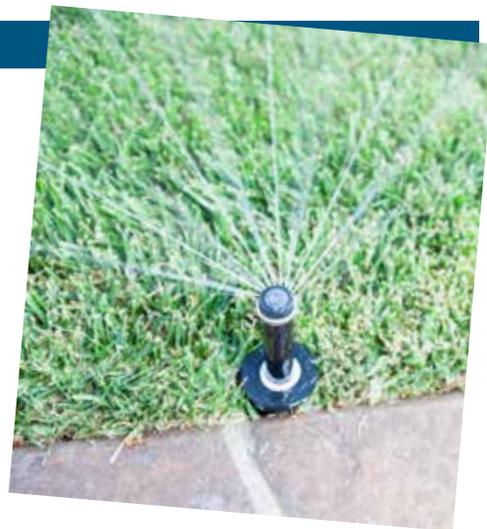
A JCSD Board of Directors Workshop to discuss the new restrictions is scheduled for **April 30th at 7 p.m.** in the JCSD Board Room, 11201 Harrel Street, Jurupa Valley. The public is invited to attend.



## JCSD's Outdoor Irrigation Restrictions

JCSD along with agencies throughout California were required to implement further irrigation restrictions for their service area. The following Level 2 irrigation restrictions were adopted in August 2014 and continue to be in effect, until further notice:

- All leaks must be repaired within 72 hours of notification from JCSD. Residential and commercial businesses are notified via door hangers or direct mailers regarding identifiable or reported leaks.
- Residential and commercial ornamental landscape and turf irrigation is limited to irrigating:
  - Four days per week, which equates to being able to water every other day
  - Between 8 p.m. and 8 a.m.



## Level 2 Irrigation Exemptions

The following are currently exempt from irrigation restrictions, until further notice:

- Functional sports and activity fields
- Residential or commercial ornamental landscape that uses non-potable water
- Landscape that uses properly functioning water-efficient devices such as:
  - Drip/micro irrigation systems
  - Stream rotor sprinklers
  - Weather-based irrigation controllers



## Online Conservation Resources

Visit these websites for more information on how to increase your water-use efficiency:

- [JCSD.us/Conservation](http://JCSD.us/Conservation) provides a description of conservation programs offered by JCSD and partnering agencies. Here you will also find JCSD's WSCP.
- [iEfficient.com](http://iEfficient.com) is a collaborative conservation effort developed by water agencies and cities throughout the Inland Empire, including JCSD.
- [SaveOurWater.com](http://SaveOurWater.com) is a partnership between the Association of California Water Agencies and the California Department of Water Resources.
- [BeWaterWise.com](http://BeWaterWise.com) offers tips from Metropolitan Water District.
- [WesternTurfReplacement.com](http://WesternTurfReplacement.com) is a program that pays a rebate incentive of \$2 per square foot of area that is replaced with water-friendly landscaping.
- [SoCalWaterSmart.com](http://SoCalWaterSmart.com) provides a listing of all the rebates that are available to JCSD customers and most water customers in Southern California.



## Conservation and Rebate Programs for the Community

Many conservation programs and services are available to assist residential, commercial, and industrial customers, which include rebates for water-saving devices (high-efficiency washers, weather-based irrigation controllers, rain barrels, etc.), turf replacement programs, free sprinklers, educational workshops, and conservation events. For more information about these programs, visit websites listed below or call JCSD's Conservation Coordinator at (951) 727-8007.

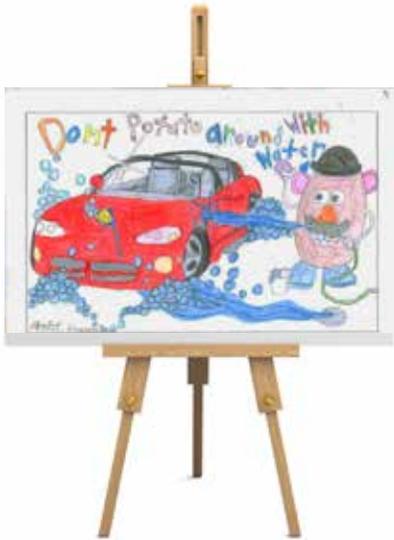


## Same Address New Website jcsd.us

JCSD's website has the same address but a whole new vibe. As a community services district, the new website features all the critical services JCSD delivers to customers on a daily basis.

Find expanded information about Parks and Recreation in the Eastvale parks territory, conservation programs, special events, water and sewer services, graffiti removal program, and other services that play an essential role in your daily living.

New features include a calendar that details special events, public meetings, and community events hosted by other local agencies. Subscribe to JCSD's e-notification system, view photos in the album gallery, and participate in online polls. Online polls change monthly!



## Join the Festivities

"Water is Life" Poster Contest  
Community's Choice Award  
and Garden Party

Saturday, April 25, 12 p.m. - 4 p.m.  
Jurupa Community Services District  
11201 Harrel Street, Jurupa Valley

### Community Vote Day

Students who live or attend school in JCSD's service area were invited to submit an entry in this year's Children's Poster contest themed "Water is Life." Over 1,200 posters were sub-

mitted. A panel of community judges will select the **grand prize** winners for two grade categories.

For the Community's Choice Award, the community is invited to vote for their favorite poster entry during Community Vote Day on April 25th. Entries were narrowed down to the top 100 posters and will be on display for voting.

There will be activities, information tables, refreshments, prizes, and more! This year's poster contest prizes are sponsored by ACP Publications and Marketing, Burrtec, Country Village and Valley Soil, Inc.

### Garden Party

We are in the process of replacing the turf in front of JCSD's main office. Stop by on voting day to learn about JCSD's new water-efficient garden. See what we're doing to make our landscaping more water wise.

For more information, please call JCSD's Community Affairs Officer at (951) 727-8002.

## Download It!



JCSD and the City of Eastvale collaboratively launched a multi-jurisdiction mobile application (app) that enables citizens to report non-emergencies through their mobile devices. As of March 2015, this free mobile app has been downloaded to more than

1,200 mobile devices. For more information about E-Citizen, visit [jcsd.us](http://jcsd.us) or [eastvaleca.gov](http://eastvaleca.gov).

The following reports are routed to **JCSD**:

- Graffiti Private Property
- Graffiti Public Property
- Eastvale Parks Maintenance
- Property Flooding
- Public Frontage Landscaping
- Street Light Needs Repair
- Water Waste/Drought Restriction Violations

The following reports are routed to the **City of Eastvale**:

- Abandoned Shopping Cart
- Animal Control Services
- Code Enforcement
- Exterior Storage Enforcement
- Flooding in Street
- Foreclosed Property
- Illegal Dumping
- Inoperable Vehicle
- Property Maintenance
- Recreational Vehicle Parking
- Street Lights
- Trash Removal
- Trash/Recycling/Green Bin
- Temporary Holiday Display
- Traffic Signal

For issues in the City of Jurupa Valley pertaining to public safety, code enforcement, public works, and other non-emergency issues outside of JCSD's service jurisdiction, please call the City of Jurupa Valley at (951) 332-6464.

# Free Conservation Kit



**Don't forget, you must use a hose nozzle with a shut-off valve when washing your car!**

For a limited time, JCSD is offering customers a FREE conservation kit to help the community become one step closer to meeting the State's and JCSD's emergency drought regulations.

Stop by JCSD's headquarters, during regular business hours, located at

11201 Harrel Street, Jurupa Valley for a conservation kit that includes tips on how to reduce water usage, waste, pollution, energy, leak detection tablets, hose nozzle, shower timer, faucet aerator, and a reusable water bottle. Available while supplies last!

# May is Water Awareness Month



JCSD has a activities, events, and programs scheduled for *May is Water Awareness Month* to help the community increase their water conservation efforts, including a free mulch give-away event. Details are posted at [www.jcsd.us](http://www.jcsd.us).

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# Contact Us

For billing questions or inquiries about other services, please contact us:

**BY PHONE** please call our main line at (951) 685-7434.

**IN PERSON** You can also stop by our office located at 11201 Harrel Street, Jurupa Valley, during regular business hours:

**Monday - Thursday**

7:30 a.m. – 5:30 p.m.

**Friday**

7:30 a.m. - 4:30 p.m.

After regular business hours, you can contact our main number to be connected to a representative in the event of an emergency situation associated with JCSD's services.



## 2012 Consumer Confidence Report INFORMATION ABOUT YOUR DRINKING WATER

JURUPA COMMUNITY SERVICES DISTRICT - (951) 685-7434 - WWW.JCSD.US

JCSD holds regular Board of Director Meetings on the second and fourth Monday of each month at the District Office located at 11201 Harrel Street, Jurupa Valley, at 7:00 p.m. For more information contact the Administration Department at: (951) 685-7434.

Food for Thought: Water is composed of two elements, Hydrogen and Oxygen.

# Annual Water Quality Report

As with all natural water, untreated water contains varying levels of natural and man-made elements. With the help of wells, pumps, and pipes located throughout the JCSD service area, water makes its way to various facilities in order to treat, produce, and deliver high-quality water to our customers.

Before high-quality water reaches your home or business, it goes through a complex process with the help of sophisticated and high-tech equipment operated by highly-trained professional team.

In previous years, on or before July 1, you received a JCSD Consumer Confidence Report (CCR) by mail. The report provides information about the quality of your water.

The CCR is no longer being mailed

**unless requested.** If you requested for a copy to be mailed to your home address, you will continue to do so until you notify JCSD that you no longer would like to receive a printed copy. If you did not receive a hard copy last year and would like to be added to the mailing list, please contact JCSD's Community Affairs Officer at (951) 727-8002 or at [aflores@jcsd.us](mailto:aflores@jcsd.us).

You can view the 2014 CCR on July 1, 2015, through the following link:

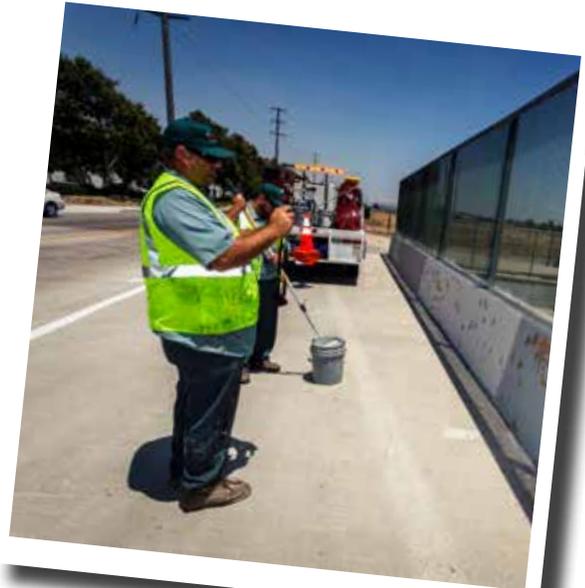
**<http://www.jcsd.us/ccr2014>**

If you have questions about the information in the CCR, please call JCSD's Water Quality Department at (951) 685-7434 extension 198.

# Graffiti Removal is a Community Effort

The Cities of Jurupa Valley and Eastvale, Riverside County Sheriff's Department, and JCSD work together to help combat graffiti. But the most important partner in this effort is you. The graffiti abatement team makes every effort to identify areas vandalized by graffiti, and fortunately many are identified with the help of the community.

All reported graffiti is photographed and cataloged, in the event someone is convicted of this offense, they can be charged for the cost associated with repairing the areas they vandalized.



## Fast Facts About Graffiti

**30%**

People commonly believe any sign of graffiti is gang-related. However, studies show that only 30% is gang-related; but 100% of graffiti is vandalism.

**4**

The number of ways the community can report graffiti vandalism to JCSD.

**72**

The total number of graffiti reports submitted through E-Citizen between January 2015 and February 2015.

**587**

The total number of graffiti incidents reported by the community through e-mail, JCSD website, and graffiti hotline during January 2015 and February 2015.

**5\***

Average number of days, from the date it is reported, for JCSD to remove graffiti from private property. JCSD is required to obtain permission from the property owner before removing graffiti from their property.

**2\***

Average number of days, from the date it is reported, for JCSD to remove graffiti from public property. JCSD strives to remove graffiti within 48 hours.

**19,190**

Total square footage of property damaged by vandals and area cleaned by graffiti abatement teams during the first two months of 2015. If graffiti vandals are convicted of the damage they caused, the square footage and other factors are used to calculate restitution costs.

\*Data from City Sourced for the months of January 2015 and February 2015.

## HOW TO REPORT GRAFFITI TO JCSD



**CALL**

JCSD Graffiti Hotline at  
(951) 727-3500



Submit Online:  
[www.jcsd.us/Graffiti](http://www.jcsd.us/Graffiti)



Email  
[graffiti@jcsd.us](mailto:graffiti@jcsd.us)



Download E-Citizen  
It's free and available for  
iPhone, Android,  
Blackberry and Microsoft

## Capital Improvement Projects Aim to Meet the Community's Water Supply and Sewer Services Needs

As part of JCSD's ongoing commitment to provide quality service, JCSD has completed several major projects and will continue a series of capital improvement projects (CIP). JCSD would like to thank the community for their cooperation as we add, replace, or upgrade critical infrastructure to meet the community's sewer system and water supply needs. Millions of gallons of wastewater (sewage) is generated by JCSD customers each day. Each time you flush the toilet, take a shower or turn on a faucet, that sewage leaves your property through your home's sewer lateral connection. Your property's sewer lateral then connects to JCSD's trunk sewer (pipeline in the street) to transport that sewage via gravity to a wastewater treatment facility. When gravity isn't available to help transport sewer

age because of terrain, lift stations and pressurized force main carry the sewage to a wastewater treatment facility. JCSD's sewer system consists of over 325 miles of sewer main pipes and nearly eight miles of force main pipe, with segments that are over 50 years old and have reached or are reaching the end of their useful life. In order to ensure that sewage continues to be transported from your home in a safe manner, JCSD has implemented a 20-year CIP to replace aging infrastructure.

Below are highlights of recently-completed projects. Details for each project can be found at [www.jcsd.us/CIP](http://www.jcsd.us/CIP).

### Recently-Completed Capital Improvement Projects

#### Jurupa Road Trunk Sewer

##### Improvement Highlights

- Approximately 3.1 miles of PVC sewer pipeline was replaced and upgraded
- Fifty-four (54) 48-inch and 60-inch manholes were constructed
- Eighty-one (81) 4-inch and 6-inch laterals were installed

Project Cost: \$8,323,000



#### Clay Street Grade Separation

##### Improvement Summary

The County of Riverside Transportation Department's Clay Street Grade Separation project was designed to improve traffic and safety. As part of the construction, JCSD was asked to relocate sewer and water lines and the Linares Avenue Lift Station. The joint regional relocation project totaled about \$3,892,520 with the County of Riverside reimbursing JCSD a total of \$2,700,000.



#### 870' Pressure Zone

##### Improvement Highlights

- Constructed to meet existing and future water demands
- Reduces pumping costs
- Located at Riverside Drive and Wineville Road

Project cost: \$3,225,000



#### Pyrite Creek Trunk Sewer

##### Improvement Highlights

- The following were upgraded or replaced:
- Approximately 15,000 linear feet (L.F.) of 8" to 36" sewer main pipe
  - Approximately 6,000 L.F. of sewer force main pipes
  - Approximately 1,250 L.F. of 4" force main
  - Cliff Valley Sewer Lift Station
- Project Cost: \$12,525,000



The community has more than 325 miles of sewer pipes with segments that are over 50 years old.



Additional CIP details at [www.jcsd.us/CIP](http://www.jcsd.us/CIP)



# Find It Fast Directory

JCSD Conservation Hotline	(951) 727-5521
JCSD Parks and Landscaping	(951) 727-3524
JCSD Recreation Classes	(951) 727-3524
JCSD Services	(951) 685-7434
JCSD Water Emergency	(951) 685-7434
Graffiti Hotline	(951) 727-3500

## City Hall

City of Eastvale	(951) 361-0900
City of Jurupa Valley	(951) 332-6464

## Utilities

So Cal Edison (electricity)	(800) 655-4555
So Cal Gas (gas)	(877) 238-0092
Time Warner Cable (TV)	(888) 982-2253
Charter Communications	(877) 837-4966
DirectTV (TV)	(888) 777-2454
AT&T (telephone)	(800) 288-2020
Verizon (telephone)	(800) 837-4966
JCSD (water and sewer)	(951) 685-7434
Waste Management (trash)	(800) 423-9986
Burrtec (Trash)	(866) 287-7832
Emergency Services	911

## Public Safety (non-emergency)

Fire Department	(951) 940-6900
Sheriff's Department	(951) 776-1099
Animal Services	(888) 636-7387

## Other Services

Jurupa Area Recreation and Park District	(951) 361-2090
Jurupa Mountains Discovery Center	(951) 685-5818
Jurupa Valley Citizens Patrol	(951) 955-9225

## Riverside County Services

Child Support Services	(866) 901-3212
Code Enforcement	(951) 955-2004
County Tax Assessor	(800) 746-1544
County Clerk (property tax appeals)	(951) 955-1060
Treasurer-Tax Collector	(951) 955-3900
Safely Surrendered Babies	(800) 472-5697
Riverside County Superior Court (Jury Services-Jury Duty)	(951) 275-5076
Voter Registration	(800) 773-8683

## Local Libraries

Glen Avon	(951) 685-8121
Eastvale Branch Library	(951) 273-1520
Rubidoux Library	(951) 682-5485

## Riverside Public Health

(Free or Low-Cost Health Services for the Uninsured)

Jurupa Family Care Center For Appointments	(951) 358-5000 (800) 720-9553
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Corona Family Care Center For Appointments	(951) 272-5445 (800) 720-9553
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## School Districts

Jurupa Unified School District	(951) 360-4100
Corona-Norco Unified School District	(951) 736-5000

## Chamber of Commerce

Eastvale Chamber of Commerce	(951) 768-6000
Jurupa Valley Chamber of Commerce	(951) 681-9242
Norco Chamber of Commerce	(951) 737-6222

## Post Office

US Post Office	(800) 275-8777
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11201 Harrel St.  
Jurupa Valley, CA 91752



COMMUNITY SERVICES DISTRICT  
Board of Directors

Jane F. Anderson, President  
Chad Blais, Vice President  
Kenneth J. McLaughlin, Director  
Robert "Bob" Craig, Director  
Betty A. Anderson, Director

Todd M. Corbin, General Manager



## Don't Pour That Down The Drain!

Don't toss coffee grounds, bacon grease, fruit and vegetable peels, egg shells and other items down the kitchen drain! Even with the help of a garbage disposal, it can lead to sewer clogs and wastewater backing up into homes and businesses. While it may not happen immediately, over time the build up can result in costly clean ups and repairs for residents and businesses.

While disposing such items through the kitchen sink may not always cause a backed up sewer line, treating pollutants is still costly and paid for through monthly sewer bills.

## Save Time and Money

Help avoid the frustration of a clogged sewer by following these simple and no-cost tips:

The safest way to dispose of fats, oils, and grease (FOG) from the kitchen is to dispose of it in the trash.

Use a coffee can lined with a plastic bag to collect kitchen FOG. Make sure the oil is cool before you pour it in the can so it does not penetrate the plastic liner. Dispose the bag in your trash.

Mix excess oil with absorbent materials such as paper towels, coffee grounds, shredded newspaper, or kitty litter.

Scrape your plate! Toss all leftovers you may have on your plate into the trash and NOT into the sink and down the drain.

Coffee grounds should also be placed in the trash, composting bin or garden – they serve as a natural fertilizer.

When it doubt, dump it out – in the trash.