

## WATER

### What is a cross-connection?

A cross-connection is an actual or potential link between a source of contamination and a drinking water supply. Cross-connections are fixtures with direct connections (swimming pools, fire sprinkler systems, boilers, etc.) or submerged inlets (lawn sprinklers, drinking fountains, utility sinks, etc.). A cross-connection may cause a change of pressure in a water supply line or pipe that forces water to flow opposite to its intended direction, allowing contaminants to enter the potable supply. When this happens, it's called backflow. There are two types of backflow — backsiphonage and back pressure.

### What is Backsiphonage?

Backsiphonage is a reversal of normal flow in a system caused by a negative pressure (vacuum or partial vacuum) in the supply piping.

### What is backpressure?

Backpressure occurs when the downstream water pressure is greater than the water supply pressure. This can occur in any pressurized system such as chemical feed pumps, boilers, elevated tanks, or recirculating systems.

### What is a backflow prevention device and how does it protect the Districts water system?

Backflow prevention systems are devices installed onto a pipe that only allow water to flow in one direction. Think of it as a one-way gate that allows water from the city's public water supply to flow into your home's piping but stops water if and when it ever tries to flow backwards into the main water supply.

## SEWER

### WWTP--Major Tasks Worked On:

- Conversion of old clarifier to new sludge digester is complete.
- Acceptance testing has been performed for all equipment.
- Punch list items have continued to be completed.

### Collections--Major Tasks Worked On:

- Final Construction Completion Date is May 31, 2024.
- Electrical improvements at the Main Lift Station were completed.
- All contract work is 100% complete with the exception of one remaining warranty submittal and hard copies of operation and maintenance manuals.

### What is Flushable?

Many household cleaning products and baby hygiene products are labeled both disposable and flushable. While these products are convenient, they can lead to costly blockages in homes, businesses, and wastewater systems, ultimately leading to sewer overflows in our community and pollution in creeks, on beaches and in the ocean.

Unlike toilet paper, these products don't break down when flushed. They can cause blockages in private sewer laterals, especially in older pipelines that may have grease, roots, and/or other existing obstructions. Addressing these issues can be a nasty and expensive repair. When in the public sewer system these items can collect and cause clogs in the City's sewer main lines or get tangled in pump stations requiring repair or possibly even expensive replacement of equipment. Protect your property and the City's infrastructure by only flushing the 3 Ps: pee, poo, and paper.

## What is not Flushable?

The following items should never be flushed into the sewer system:

- Disinfecting wipes
- Baby Wipes
- Cotton Swabs
- Toilet cleaning wipes
- Mop or "disposable" mops refills
- Paper towels
- Moist towelettes
- Any consumer items that are not toilet paper

## POOL

Join us for the 2023 Pool Opening on June 9<sup>th</sup>, 2023, from 1-4 p.m. at 37482 Bailey Avenue.

Sign up for programs will begin on June 3<sup>rd</sup> thru June 7<sup>th</sup>, 2024 at the Raymond Berry Pool Office. For more information on the 2024 Pool season go to burneywater.org or call the pool at (530) 335-2277 or Burney Water District Office at (530) 335-3582.

## CIVIC PARK

District staff is working in conjunction with PACE Engineering on completing the bid package. Park design is under review with Shasta County for permitting purposes. Project includes:

- Construction of a new splash pad in the park's southern corner. The splash pad would include multiple water features and a depiction of a whale to represent the original park's history.
- Construction of new playground equipment areas for both toddlers and older children.
- Construct a new parking area along Juniper Ave., which will include removal of some existing trees.
- Construct a paved walking path from the parking area to the restroom and throughout the park.
- Construct new fencing along Juniper Ave., including one pedestrian access gate and one vehicle access gate. Remove and replace fencing along the northeast and southwest property lines. Rehabilitate the existing wall along the southeast property line adjacent to Highway 299.
- If funding allows, improvements to the park's restroom will be included.

## EXPLORERS CORNER

### Hike and Bike the Lassen National Park Highway



The 30-mile Lassen Volcanic National Park Highway traverses avalanche-prone slopes with up to 2,000 foot drops and can hold a snowpack up to 40 feet deep. Snow clearing operations usually begin as early as late March and continues for about two months before the highway is entirely open.

Once a section of road is cleared, it remains closed to vehicles until the last layer of snow and ice melts and all road preparations (e.g. signs, shoulder grading, parking areas) are complete. Once road preparations are completed, the section may open to vehicles. Visitors can enjoy any cleared section of the road for hiking or biking sections of the highway, before it opens to vehicles.

Road clearing operations every year begin as early as late March.

**Road Clearing Operator Log 2024 Update as of 4/15/2024** - We have about two weeks of clearing to do to complete the 10-mile section to Devastated Area from the gate at the northwest. Continuing April snowstorms and equipment repairs delayed road clearing progress. However, its looking like clearing from the southwest entrance at Kohm Yah-mah-nee Visitor Center can be initiated starting the week of April 29, weather depending.



## NEWSLETTER

Quarter 1 2024

2022 Hudson Street

Burney, CA 96013

Phone: (530) 335-3582

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Emergency after Hours: (530) 238-7774

## Burney Water District Mission

We are committed to providing a safe and reliable water supply, environmentally safe disposal of wastewater, and responsible governance of our pools and parks.

## CURRENT GRANT PROJECTS

- Wastewater Treatment Plant Improvement Project (\$6,148,000)
- Collection System Improvement Project – Phase 2 (\$1,775,000)
- Water Meter Replacement Project Phase 2 (\$185,188)
- Water System Improvement Project (\$13,981,000)
- Civic Park Improvement Project (\$850,000)

## COMPETED GRANT PROJECTS

- Furry Friends Playground Project (\$177,952)
- Well 9 Improvement Project – Planning and Design (\$450,405)
- Water Meter Replacement Project – Phase 1 (\$718,477)

## PENDING GRANT APPLICATIONS

- Well 9 Construction Project (\$4,690,000)
- purchase playground equipment for the Civic Park Improvement Project (\$50,000)