



WaterWays

Volume 41 • Number 3 • Fall 2020

Fire Preparedness: Keeping a remote transmission line clear of vegetation

Keeping vegetation and hazard trees at a safe distance from high voltage transmission lines is of utmost importance to continue proper maintenance and operation of an electrical power system.

For many years, NID’s Hydroelectric Department has been patrolling the District’s Bowman Transmission Line in remote areas of Nevada County to support NID’s mission to properly manage vegetation and provide a safe clearing in the District’s easement along the line. Over the past several years, these efforts have increased to maximize protection against wildfire.



Pole #33 before and after treatment

NID’s 10-mile long, 60,000-volt Bowman Transmission Line transmits power from the Bowman Powerhouse, to the transmission grid intertie controlled by the California Independent System Operator (CAISO), which provides open access to the bulk of the state’s wholesale transmission grid.

“We’ve always had a program of falling and managing hazard trees, but we’ve dramatically increased that over these past couple of years as requirements have evolved and as the mortality in the area has really picked up,” said NID’s Hydroelectric Manager Keane Sommers.

About 18,700 linear feet (about 3.5 miles) of the Bowman Transmission Line were treated, and a number of hazard trees were removed in 2019.



Pole #170 before and after treatment

NID scores high in treated water quality tests

Drinking water supplied to customers continues to meet and exceed state and federal public health standards, based on testing results that serve as the basis for the District's annual water quality report.

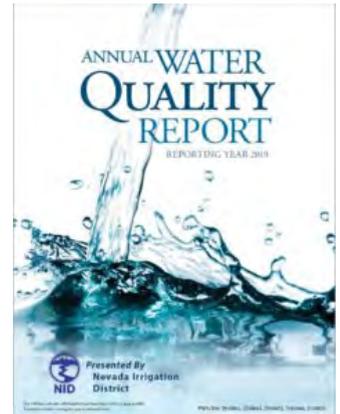
The report, also known as the Consumer Confidence Report, summarizes NID's water quality monitoring and testing programs for the 2019 calendar year.

The information focuses on water supplied through the Elizabeth L. George, Loma Rica, Lake Wildwood, Lake of The Pines, North Auburn and water treatment plants.

"More than ever, the COVID-19 pandemic has demonstrated the importance of delivering a safe and reliable water supply to the more than 19,500 treated water connections in NID's service area," said Chip Close, NID's Water Operations Manager. "We are committed to delivering the best-quality drinking water at the lowest cost possible, and are proud that our latest Consumer Confidence Report confirms that our actions are having such a positive effect."

The District treated and distributed more than 2.8 billion gallons of surface water in 2019. This water originated in the Sierra Nevada snowpack on five mountain watersheds, including the Middle and South Yuba rivers, the Bear River, and Deer Creek.

The report covers a variety of substances, including microbial contaminants (such as viruses and bacteria), inorganic contaminants (such as salts and metals), pesticides and herbicides, organic chemical contaminants, including synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production and radioactive contaminants.



Read the report; [click here](#).

New Video: NID Delivers



NID in the community – we are committed to provide high-quality drinking water and raw water to irrigate fields and farms. The District also operates recreational camping facilities. And our hydroelectric plants generate enough electricity to supply more than 60,000 homes.

Watch our new short music video to see NID faces and places.



Where is the closest hydrant to you?

Click [here](#) for an interactive map

If fire breaks out in a neighborhood, water needs to be available. NID has installed more than 2,550 hydrants throughout the District.

As pipeline is upgraded or newly installed, hydrants are part of the project. Also, NID will add hydrants upon fire districts' requests.

Another summer irrigation season comes to a close

Another NID summer irrigation season has ended on Oct. 14 for about 5,400 raw water customers who irrigate more than 31,000 acres in Nevada and Placer counties.

Since the 1920s, we have been proud to bring pure water from the high mountains to the ranches and farms of the drier Sierra foothills.

During those many decades, the steady source of irrigation water has helped grow our region's agricultural economy. Today, Placer County agriculture is worth \$86.7 million and Nevada County is worth \$25.6 million, based on the 2019 and 2018 Crop Reports for each county, respectively.

Here's how it works: snowmelt is collected on a 70,000-acre Sierra watershed, stored and routed through a system of mountain and foothill reservoirs and hundreds of miles of canals on its way to NID customers. As the water flows past individual properties, users tap the water to irrigate their ranches, farms, vineyards and orchards.

Check [NID's website](#) to learn more about irrigation water systems and to find out more of how NID is committed to delivering water for food, for play, for life.



Water Conservation – every drop counts

California recorded its hottest September on record, and a strong developing La Niña looks like a dry pattern will continue through the fall. It's a reminder to pay attention to our water usage.

Overall, NID treated water customers are using less water than during the major drought of 2011-2016. Still, with the extended warm weather usage has increased compared to last year at this time.

Check out NID's "Water Efficiency" webpage for conservation tips and tools

- Measure your water use with a free online calculator
- Find tips to reduce the amount of water you use indoors and outdoors

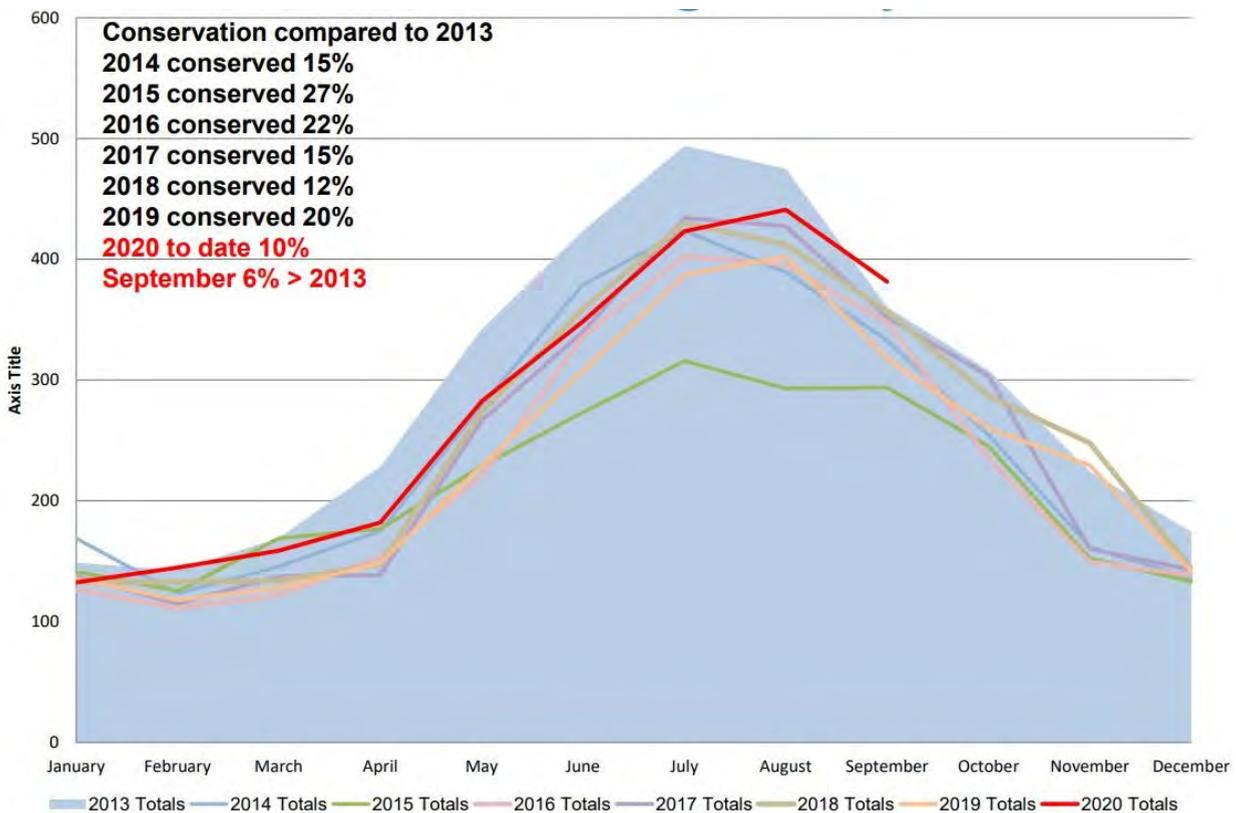
Learn about NID water efficiency programs – October 21 webinar

Learn more about the importance of NID's water efficiency programs, and how you can save water and money, during an October 21 webinar sponsored by the Sierra Business Council.

NID's Water Efficiency Technician Kaycee Strong will discuss the District's programs and efforts to help customers practice water conservation at home and through wise, efficient irrigation.

The Sierra Business Council webinar -- from 2-3 p.m. on October 21. Read more about it [here](#). Register [here](#).

Treated Water Usage Comparison





You can count on us to deliver the highest quality water, while caring for our environment and community.

Learn more about NID's commitments to supporting our community. Visit NIDwater.com.

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NID is a California Special District operated by and for the people who own land within its 287,000-acre boundaries.

Formed in 1921, the District supplies both treated drinking water and raw water to homes, farms and businesses in Nevada, Placer and Yuba counties.