

GM Newsletter

October 2021

From The Desk of Jennifer Hanson, General Manager

Water For Life

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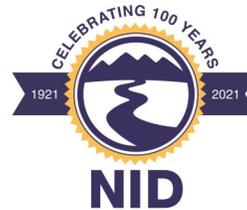
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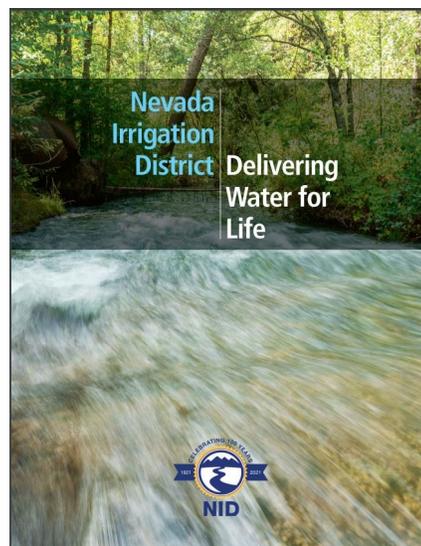


Message from the General Manager

Welcome to the third edition of the General Manager's Newsletter. The purpose of the newsletter is to provide information on what is happening at the District and on items of interest. This newsletter is a good resource to stay up to date on projects underway, the Plan for Water effort, water storage levels, water conservation, and all things NID. The newsletter will be issued on a monthly basis and will be archived on our website.



Get your free NID history book!



NID is thrilled to have reached our 100th anniversary milestone, and we want to celebrate with you.

We are offering a new, full-color digital history book free of charge to our customers and community. This digital book is a gift to you for helping to make the District what it is today.

The 140-page book chronicles NID's history and the innovative, bold steps it took throughout a century to ensure the communities of the Sierra foothills have been guaranteed a reliable supply of water.

Delivering Water for Life includes historic photos, maps and colorful vignettes of people and places.

The digital version is available on the NID website. Read it online, or download it for later enjoyment.

[Click here to get your book](#)



Plan for Water

Invitation to get involved

On Nov. 9, the Nevada Irrigation District (NID) will kick off its Plan for Water process to determine the best ways to meet the community's demand for water over the next 50 years.

The kickoff meeting will focus on an overview of the District's water system. It's the first of nine stages of the process, which is expected to span 18 months.

The Plan for Water will be a vital tool for NID's water management in the future. The Plan will project ranges of possible water demand and supply scenarios. It also will include potential limitations of available water resources and the impacts of climate change, new regulations, and changes in land use.

When complete, the Plan will show how a variety of these scenarios may be integrated to ensure the community enjoys the same high-quality, reliable water system it has now and for the past 100 years.

How to participate

This Plan will have a long-lasting effect on the region. Public collaboration is key, and residents are invited to participate in a series of public meetings.

Read more about the Plan's nine stages and join the mailing list [here](#).

NID water exceeds public health standards

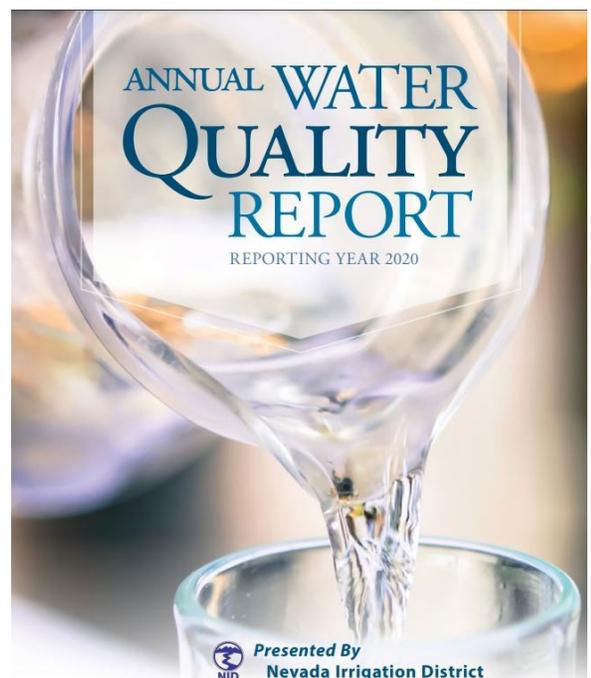
Drinking water supplied to customers continues to meet and exceed state and federal public health standards.

The District's annual water quality report for 2020 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, and radioactive contaminants.

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.

As in years past, we are committed to delivering the best-quality drinking water possible. To that end, we remain vigilant in meeting the challenges of new regulations, source water protection, water conservation, and community outreach and education, while continuing to serve the needs of all our water users. Thank you for allowing us the opportunity to serve you and your family.

Click [here](#) to read the report.



Stormwater from the River Fire burn zone does not impact Combie Reservoir

In the aftermath of the River Fire, primary concerns have been that heavy rain would trigger landslides and debris flows within the burn scar. These could impact downstream water quality, and create debris and log jams.

Also, sedimentation from hillside erosion could flow into Combie Reservoir and cause a substantial loss of capacity due to buildup.

Fortunately the recent bomb cyclone that dumped up to 12 inches of rain on the fire zone did not cause any downstream problems at Combie.



Stormwater cascades from the Combie Reservoir spillway on Monday, Oct. 25, in the wake of the atmospheric river.

The flows were turbid and brown, but inspections indicated no dangerous debris or ash were present in the stormwater. This is an excellent indication that NID's work in the burn zone to remove dead trees and chaparral, among other tasks, has been effective. And the work will continue.

Beginning August 4, 2021, the River Fire scorched over 2,600 acres, inclusive of more than four river miles of the Bear River watershed in Placer and Nevada counties. NID owns about 320 acres of burned area within the watershed.



On Sunday afternoon, Oct. 24, the water was turbid, but no debris had flowed down from the burn scar.



The River Fire-scorched land increases the chances of landslides and debris flows.

Keep track of NID reservoir levels

The powerful atmospheric river storm that swept through our region set rainfall records and helped raise NID reservoir levels. The storm delivered the most rain since 2005, according to the National Weather Service.

The District's drought-impacted reservoirs benefited. Overall, the post-storm measurements showed the reservoirs were at 51 percent capacity, up from 42 percent before the rainfall. Also, water levels crept up, so NID reservoirs are now at 81 percent of average for this time of year, compared to just 68 percent before the rain.

NID's watermaster posts updates of our local waterway levels on an hourly basis. You can see how water levels fluctuate in easy-to-read charts.

The District's River & Reservoir Data measures both capacity and elevation for different reservoirs, from the High Sierra Canyon Creek watershed (Bowman Lake and others) to the Deer Creek watershed (Scotts Flat Lake) and Bear River watershed (Rollins Lake).

It's all just a click away on the NID website under [River & Reservoir Data](#).



Milton Reservoir

Meetings & Events

Pursuant to the Governor's Executive Order N-29-20, and given the state of emergency regarding the COVID-19 pandemic, the District's Board room is currently closed to the public. The public is invited to participate in Board and Committee meetings remotely via Zoom. Zoom information will be provided on the meeting agenda and accessible at www.nidwater.com.

Plan for Water Kickoff Meeting

Thursday, November 9, 2021

4:00 PM

NID Regular Board of Directors Meeting

Wednesday, November 10, 2021

9:00 AM

NID Regular Board of Directors Meeting Canceled

Wednesday, November 24, 2021

Canceled



Capital Improvement Projects

Updated Project Status Reports are now available on the District’s Projects page. This report provides project information, planner information, and a brief project description.

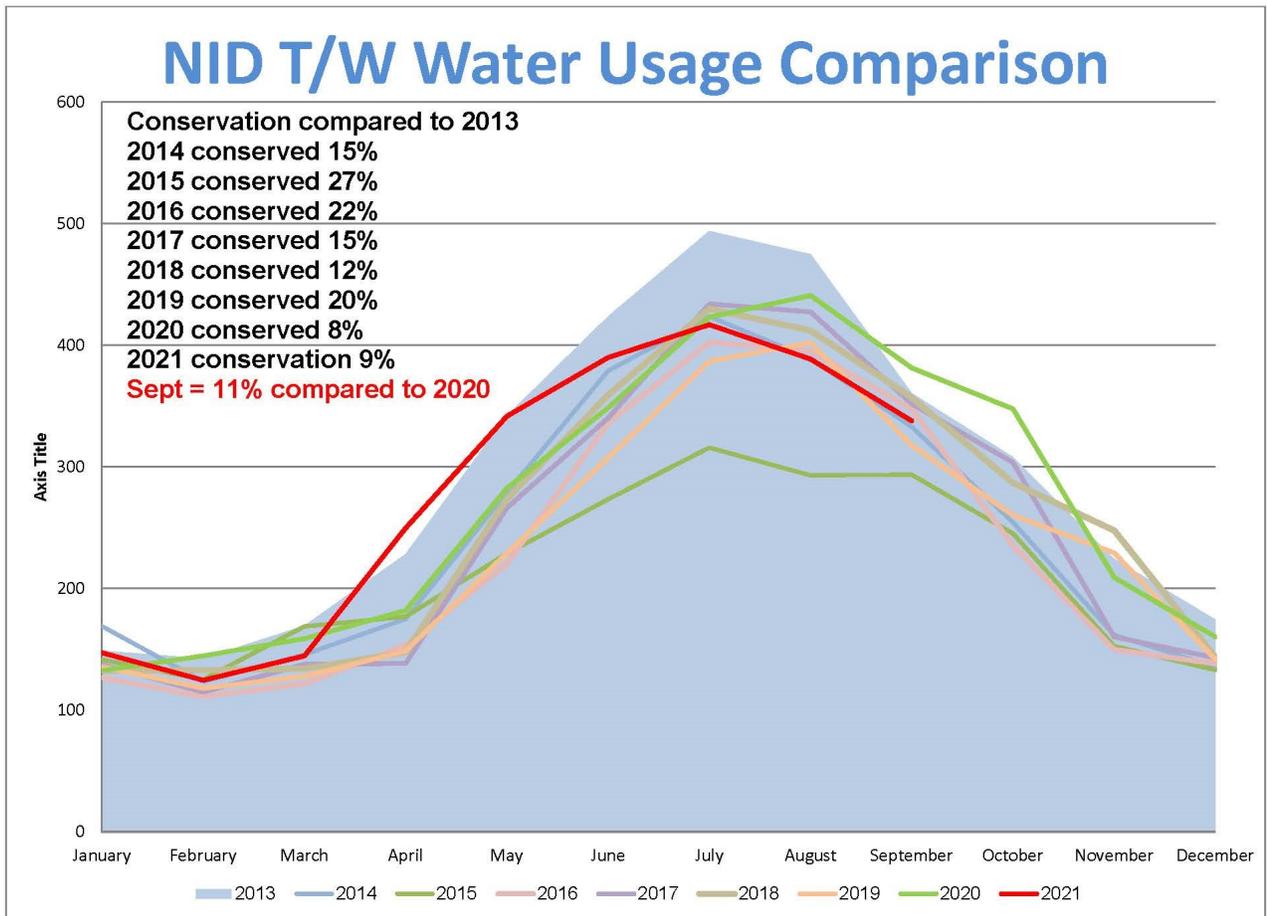
[October 2021 Engineering Department Project Status Report](#)

Water Conservation

The recent historic rainstorm will help remedy our serious water situation. Yet it isn’t enough to end the drought. Still facing drought and climate change, conservation still is vital to protect our water supply.

Since the last major drought in 2013, we’ve become more water efficient. But starting last year and into this year, conservation of treated water efforts have slipped. The good news is in September we saw an 11 percent improvement compared to September 2020.

Keep up the effort—together we can reach our goal.



The above graph shows the overall treated water usage and effectiveness of conservation within the District’s treated water customer base.

Hydroelectric Update

October 2021 Hydroelectric Department Project Status Report

September Data Reported October 27th, 2021

Note: Data is preliminary and subject to verification

Generation Report - presents the total megawatt-hours (MWh) generated per powerhouse for the previous month. Average Generation is based on the monthly generation from the previous five years. Combie North, Combie South, and Scotts Flat Powerhouses create revenue based on MWh produced. Generation from Chicago Park, Dutch Flat #2, Rollins and Bowman Powerhouses is provided for informational purposes.

Generation is below historic averages due to the dry conditions experienced during the past winter.

Powerhouse	Average Generation	Current Generation
Chicago Park	4,935	2,028
Dutch Flat #2	2,139	550
Rollins	3,762	2,235
Bowman	1,314	636
Combie North	161	149
Combie South	17	0
Scotts Flat	492	443
Total	12,820	6,041

Availability Report - presents the total percentage of time a powerhouse is available to generate during the given month. Powerhouses Chicago Park, Dutch Flat #2, Rollins, and Bowman produce revenue based on the percentage (%) of time the unit is available to generate. Budgeted availability shown was used to develop revenue forecasts. Actual availability shown is based on the hours the powerhouse ran minus any outages that are not excused by the terms of the Power Purchase Agreement (PPA) and is the basis of payment calculation.

All powerhouses were above their budgeted availability for the month.

Powerhouse	Budgeted Availability	Actual Availability
Chicago Park	92.2%	100%
Dutch Flat #2	95.0%	100%
Rollins	95.0%	100%
Bowman	95.0%	100%