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Sutter Basin News

www.basinirrigationdrainageauthority.org

When I joined the district in 2022, one of my top priorities was to improve our communication so that we can keep you up-to-date on the latest efforts and projects underway in the Sutter Basin. First, we are happy to announce, we have a newsletter. We are aiming to issue a newsletter once a quarter and will be sending additional news alerts on an as-needed basis. Secondly, as some of you may have seen, we also have launched our new BIDA website. We are currently working on the new Sutter Mutual Water Company and RD1500 websites as well, and hope to have them ready in the coming months. This is just the beginning of many great improvements we are making in the Basin. Enjoy the updates below and lets us know if you have any questions.

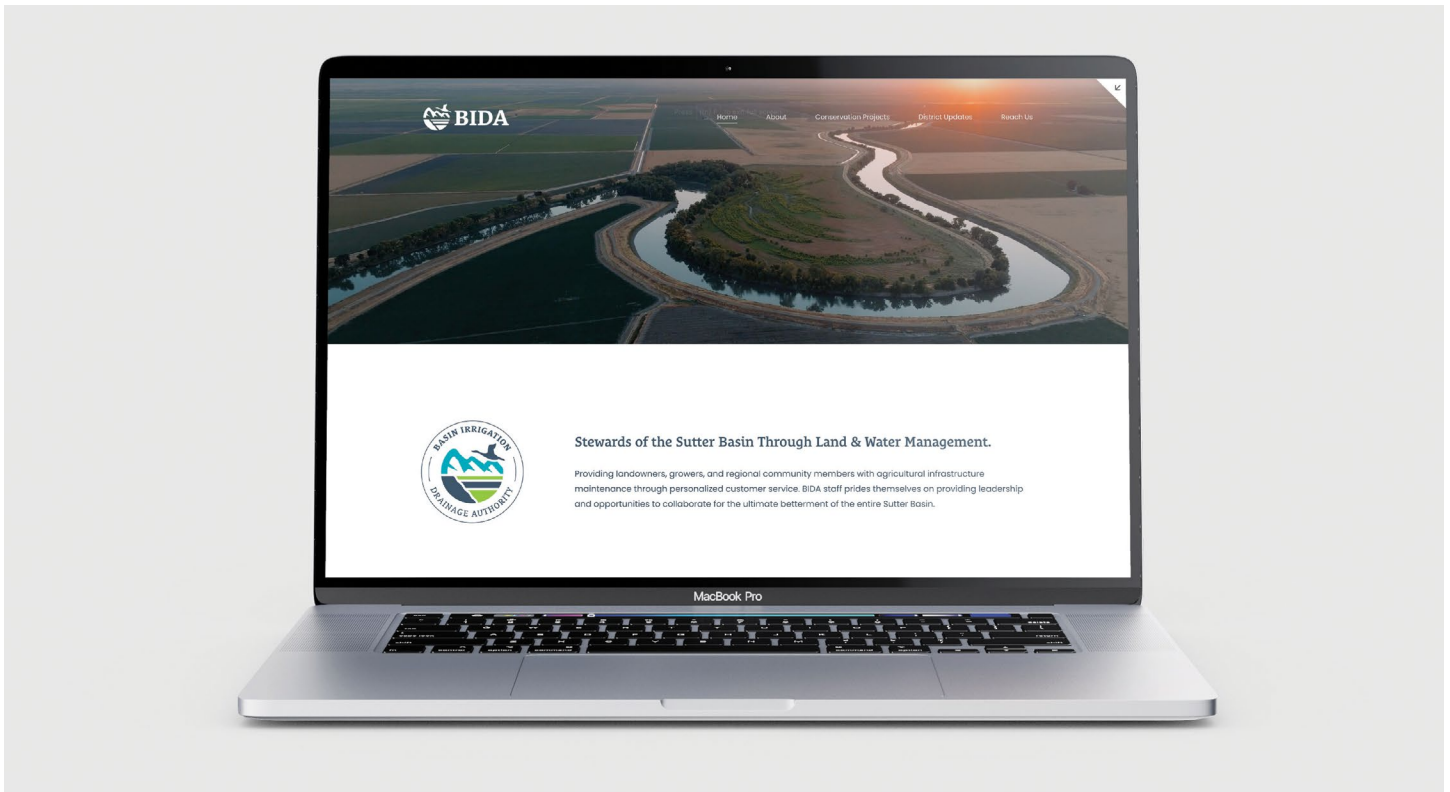
Thank you,
 Roger Cornwell, General Manager





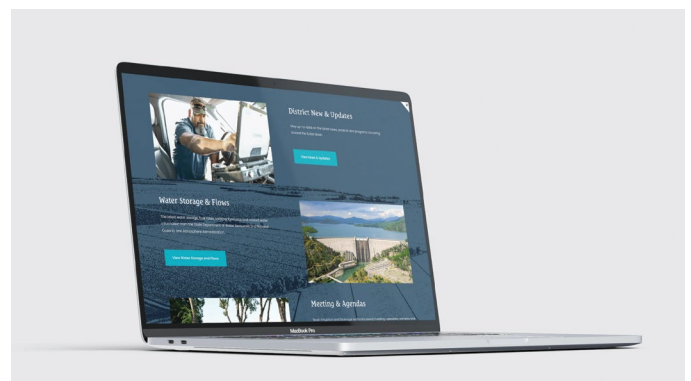
Basin Irrigation Drainage Authority Update

The Basin Irrigation and Drainage Authority Website is Live!



We are excited to announce the creation of our brand-new website for the Basin Irrigation and Drainage Authority. The site is designed to be a resource for landowners, staff and even newcomers seeking to learn more about our basin. We have dedicated pages and sections created with your needs in mind. From updates on current maintenance projects to current water storage and flow data to the latest meetings and agendas.

We encourage you to explore the website, basinirrigationdrainageauthority.com, and be on the lookout for more news and announcements in the coming months. If you visit the old sutterbasinwater.com site, you will automatically be redirected to the [new BIDA home page](https://basinirrigationdrainageauthority.com).





Reclamation District 1500 Update

Modernizing the Karnack Pumping Facility



We are making steady progress on our application for PL-566 monies to modernize the Karnack Pumping Facility. The upgrades of the RD 1500 pumping station will include new submersible pumps and new operation controls so the site will become completely autonomous.

Monitoring of the facility will be done through the SCADA (Supervisory Controls and Data Acquisition) software and hardware system that will be installed as part of the upgrades. Estimated construction costs will run between \$60-\$70 million dollars, with RD1500's share estimated to be \$6 million.

The site was first put into service in 1913, and 111 years later, Karnack is still operational today. We hope to have another update in July.





Sutter Mutual Water Company Update

New Flow Meters and More for Tisdale Pumping Plant



Some much-needed updates to the Tisdale Pumping Plant are underway. We are installing six new McCrometer electromagnetic flow meters to improve our measurements of water being diverted from the river.

In addition, we are adding a variable frequency drive on one of the pumps. This allows Sutter Mutual Water Company to improve flow control at the pumping plant. This is a \$2 million dollar effort with half of the funding coming through a WaterSmart efficiency grant from the U.S. Bureau of Reclamation. Davids Engineering is assisting with the design and installation of the new drive and meters.





Reclamation District 1500 Update Approval and Grant Awarded for Groundwater Sustainability Plan



Last summer, the Groundwater Sustainability Plan (GSP) was approved, congratulations and thank you to everyone who was involved in making that happen.

In addition, the Sutter Subbasin Groundwater Sustainability Agencies (GSAs) were awarded \$8,530,000 in grant funding from the California Department of Water Resources (DWR) under the Sustainable Groundwater Management (SGM) Grant Program's Sustainable Groundwater Management Act (SGMA) Implementation – Round 2.

Activities to be funded as part of the grant will be completed by early 2026 and include preparation of four Groundwater Sustainability Plan (GSP) Annual Reports, updates to the C2VSimFG-Sutter model, stakeholder outreach and interbasin coordination as part of SGMA, transducer installation on all groundwater level monitoring wells in the GSP monitoring network, a towed transient electromagnetic (tTEM) survey of the Sutter Buttes to better understand the complex subsurface geology, and a long term GSP financing plan.

Additionally, irrigation system improvements within Butte Water District are also funded by the grant and support continued groundwater sustainability in the Sutter Subbasin.



Sutter Mutual Water Company Update

Stepping Up to Create Salmon Habitat in the Sacramento River



Sutter Mutual Water Company continues to play a key role in the effort to boost habitat for the endangered Chinook salmon in the Sacramento River. As part of our membership with the Sacramento River Settlement Contractors, we are involved in some 20+ habitat rehabilitation projects. Not only do these projects provide a benefit to our native fish, they assist in securing our water rights through the Agreements to Support Healthy Rivers and Landscapes (AKA: Voluntary Agreements).

Over the past year, we worked on three main sections of the Sacramento to aid fish during key times in the salmon's life cycle. From laying spawning gravel North of Redding to setting 'rockwads' around the southern tip of the city, we hope to lend a hand to juvenile and adult salmon and trout. To read about each of the projects, visit the BIDA website under the Conservation Projects tab.





Sutter Mutual Water Company Update

Waiting for Final Permit Approval to Build New Bohannon Dam



We still need to complete the Incidental take permit (ITP) for the giant garter snake (GGS) with the California Department of Fish and Wildlife. This permitting process has taken a full year to complete. When we have this permit in place hopefully this spring, then we can start construction of the new Bohannon Dam structure. This project is also in part funded (50%) by the Bureau of Reclamation through the WaterSmart efficiency grant.





Mark Your Calanders

Sutter Mutual Water Company Annual Meeting

We would like to remind everyone that the annual shareholder meeting of the Sutter Mutual Water Company will be held at Robbins Hall on April 1st at 10:00 am. You will soon be receiving information in the mail for election of board members and a draft agenda. Please let our office staff know if you have any questions. We will be posting the final agenda during the week of March 25th.

Sutter Mutual Water Company Training Schedule Released

The training for the H2O Flow portal will occur on the following dates. Please email Heather@sutterbasinwater.com to RSVP.

<p>2024</p> <p>March</p> <p>6th</p> <p>-----</p> <p>3:00 - 4:30 pm</p>	<p>2024</p> <p>March</p> <p>20th</p> <p>-----</p> <p>3:00 - 4:30 pm</p>	<p>2024</p> <p>April</p> <p>3rd</p> <p>-----</p> <p>3:00 - 4:30 pm</p>	<p>2024</p> <p>April</p> <p>17th</p> <p>-----</p> <p>3:00 - 4:30 pm</p>
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Water Applications and Crop Maps Requested:

We know that water allocations from the Bureau of Reclamation have not been announced yet but the sooner staff gets an idea of cropping plans the better service we can provide to everyone. We understand plans will change as time goes on but it's never to early to start planning.



BIDA Employee Spotlight

Heather Munoz



Our first employee spotlight features Operations Assistant, Heather Munoz. Heather is a vital team player who is always willing to go the extra mile to get the job done. She spends the majority of her day keeping our operations team organized while tracking all the pertinent information coming in from ditchtenders and growers. When away from work, Heather is an active mother of two young children, and will be celebrating 10 years of marriage with her husband, Chino, this fall.

Thank you Heather, we appreciate all that you do to keep everyone moving in the right direction.

