



PID's B Reservoir project is on time and on budget

PID's B Reservoir improvement project remains on target for both anticipated costs and the project timeline. PID board members approved the 90% planning phase at their June meeting. Current costs for the planning phase are at \$10.68 million, very close to the \$11 million estimate.

The B Reservoir receives drinking water directly from the district's treatment plant; from this reservoir, water is then distributed throughout the district. The reservoir's level fluctuates with customer usage needs; its current capacity is 3 million gallons.

B Reservoir is currently an in-ground storage tank with an aging liner and "floating" cover; WaterWorks engineers are exploring the benefits of building two 2.3 million gallon tanks at this location while the floating cover is still effective. Additionally, the engineers are studying PID's distribution system hydraulics in relation to B Reservoir.

A proposed improvement would increase water delivery reliability in Zone A (upper Paradise) with a new delivery pipeline as well as decrease operating costs with a more efficient pumping system to that zone.



Reservoir B is currently an in-ground storage tank with an aging liner and "floating" cover.

Project financial impact:

Construction: \$11 million (est.)

The B Reservoir project has been in PID's budget planning for 10 years as a major capital expense.

Funding:

*The Drinking Water State Revolving Fund loan program has committed to a **1.6% loan** for the design phase; this can be rolled into the construction portion if construction begins within 18 months of design's conclusion (which PID plans to do).*

Construction loan has a 30-year term.

Benefit to customers:

*Greater **security** of our community's water. Improvement in water delivery **reliability**. Better capability for **firefighting**.*

Directors hire new manager

A new manager will be joining Paradise Irrigation District in mid-July following action from the PID Board of Directors.

Ed Fortner, Jr., currently of Berea, Kentucky, was selected as PID's new manager following a months-long search process. Fortner has most recently served as Utilities Director at Berea Municipal Utilities.

Watch for more information about Fortner in the August issue of *WaterTalk*.



WILDFIRE?

Turn off sprinklers!

Firefighters need every drop of water.
Do NOT leave your water on to sprinkle roof or home.

Demonstration Garden opens

A crowd of more than 75 celebrated the opening of PID's Demonstration Garden on June 29. The garden is dedicated to former PID Director Doug Flesher, a strong advocate for agriculture and education. Here you'll find ideas for your own landscaping—and a wealth of information to help you use water wisely.

Planting areas include erosion control, fire resistant plants, native plants, plants for shaded areas and plants to attract birds, butterflies and pollinators to your yard.

We also share information about effective yard irrigation methods for different types of plants as well as an area where you can see and touch a variety of hardscape materials as well as mulches.

The Demonstration Garden is open from dawn to dusk every day and is located at the north driveway to the PID Office, 6344 Clark Road. Interested in being a garden volunteer? Call 877-4971.



Take an online tour of the Demonstration Garden! View the plants and irrigation details as well as see the water use and monthly water bill equivalent costs. Go to: PIDWater.com/garden-tour

Consider these ideas when planning your own landscaping

- Install drip irrigation and add a smart controller to your system. A smart controller simplifies—and saves water—by acting like a thermostat, increasing and decreasing water based on weather.
- Place plants with similar water needs together. They'll thrive and you'll save water because you're only irrigating what's needed, no more.
- The hot summer months are the time for planning your landscaping. It's easier on your plants when you get them in the ground in spring and fall—and you won't need as much water at those times of the year to help them get a good start.
- Use mulch wherever possible—it can save 20 to 30 gallons each time you water.
- Choose drought-resistant trees and plants. Selecting the right plants—like those you see in this Demonstration Garden—can save you 30 to 60 gallons each time you water a 1,000 square foot area.
- Once established, shade trees provide cooling and require less water.
- Opt for semi-permeable surfaces for walkways and even driveways. This allows water to be absorbed into the soil rather than running off down the street.



Small Changes. BIG IMPACT.

- Water early morning or late evening. Up to 50% of sprinkler water is lost due to wind, evaporation and runoff. Set your irrigation controller to run in the early morning or late evening when temperatures and wind are at their lowest.
- Set a calendar reminder to check for leaks, fine-tune sprinkler spray heads (none on the sidewalks or driveway!), unclog sprinkler heads and adjust your irrigation controller watering schedule depending on water and season.
- Examine soil frequently, making sure it's not too wet or dry, replacing mulch as needed.
- Water plant root zones deeply and let the soil partially dry before watering again. Plants with deeper roots are better able to withstand periods of drought.
- Sign up for AquaHawk, PID's free water monitoring and alerting system. Go to: PID.AquaHawk.US

