GREENSPOT RECHARGE PROJECT

ERWIN LAKE COMMUNITY MEETING

September 14, 2026 | 5–7 p.m.

GREENSPOT

Recharge Project

TONIGHT'S MEETING

An Informal Listening Session

- There is no formal presentation.
- This slideshow is playing for general background information, but you are encouraged to ask us anything.
- Speak directly with BBARWA staff and the consultant team, ask questions, and share your input.
- Meetings for the wider Big Bear Valley will follow as the project moves forward.

WHAT IS GREENSPOT?

The Greenspot Recharge Project

- Greenspot will send highly purified water from BBARWA's treatment plant to new recharge basins near Erwin Lake.
- Water slowly filters through soil and travels northwest into the groundwater basin to increase the groundwater supply used by local municipal wells.
- The Greenspot Recharge Project is a proposed component of the Replenish Big Bear Program.
  - Greenspot is the only project currently being explored.
  - It is now focused only on groundwater recharge (no Big Bear Lake discharge).

The Greenspot Recharge Project is a proposed component of the Replenish Big Bear Program. Funding for this project has been provided in part through the California Department of Water Resources, U.S. Environmental Protection Agency, and United States Bureau of Reclamation.

WHY THIS PROJECT?

Protecting Our Groundwater Supply

- The Big Bear Valley depends entirely on groundwater for our drinking water supplies.
- Drought and more variable precipitation have reduced how much water naturally recharges the groundwater basin.
- **Greenspot**
  - Keeps our water in our valley.
  - Protects us against drought.
  - Offers valleywide benefits.
  - Protects public health.

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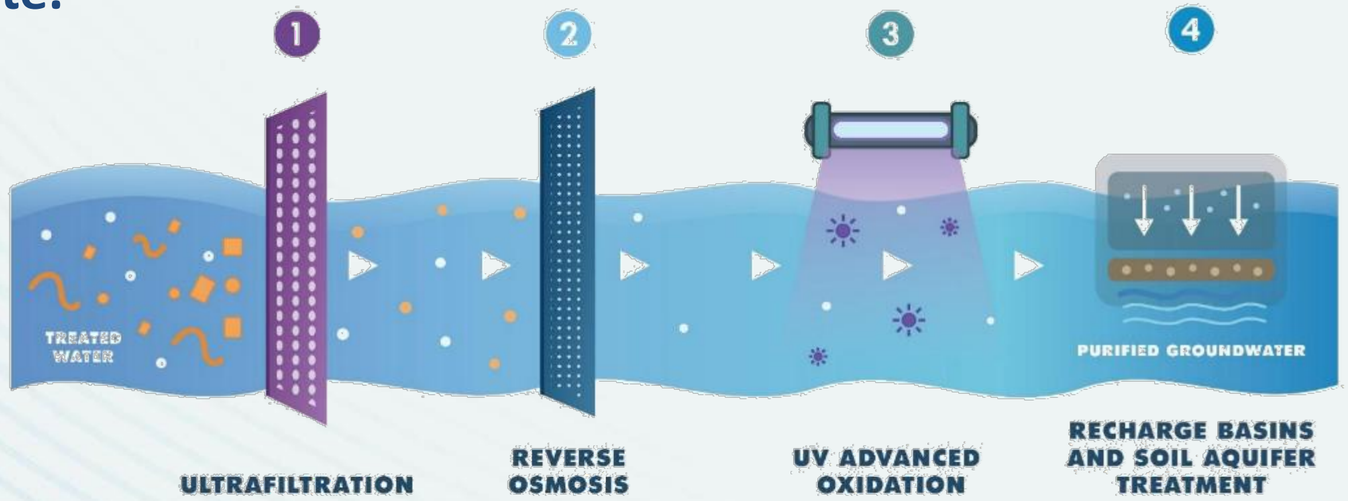
WHAT OTHER COMMUNITES ARE DOING THIS?

A Proven Approach to Drought Resilience

HOW IT WORKS

Advanced Water Purification

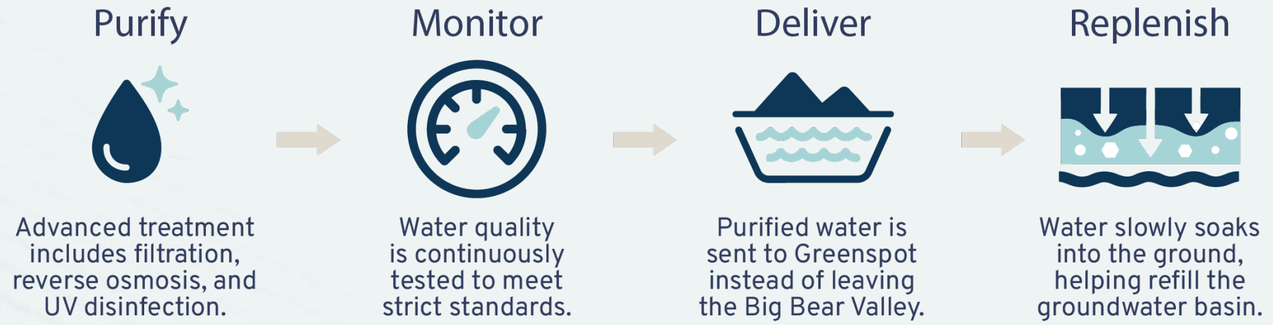
- **Step 1 — Ultrafiltration:** removes solids, bacteria, and most viruses.
- **Step 2 — Reverse Osmosis:** removes pesticides, metals, PFAS, and pharmaceuticals.
- **Step 3 — UV Advanced Oxidation:** destroys any remaining contaminants.
- **Step 4 — Recharge & Soil Filtration:** purified water soaks naturally into the ground.
- Treatment happens at BBARWA's existing plant — **only clean, purified water reaches the Greenspot site.**



IS THE WATER SAFE?

Multiple Layers of Protection

- Water goes through multiple treatment steps until it is purified.
- Routine testing ensures it meets or exceeds strict state and federal water quality standards.
- Once added to the recharge basins, several months of natural soil filtration adds another layer of protection.
- Local water suppliers follow state and federal standards for potable water so that by the time it gets to you it’s completely safe to drink.



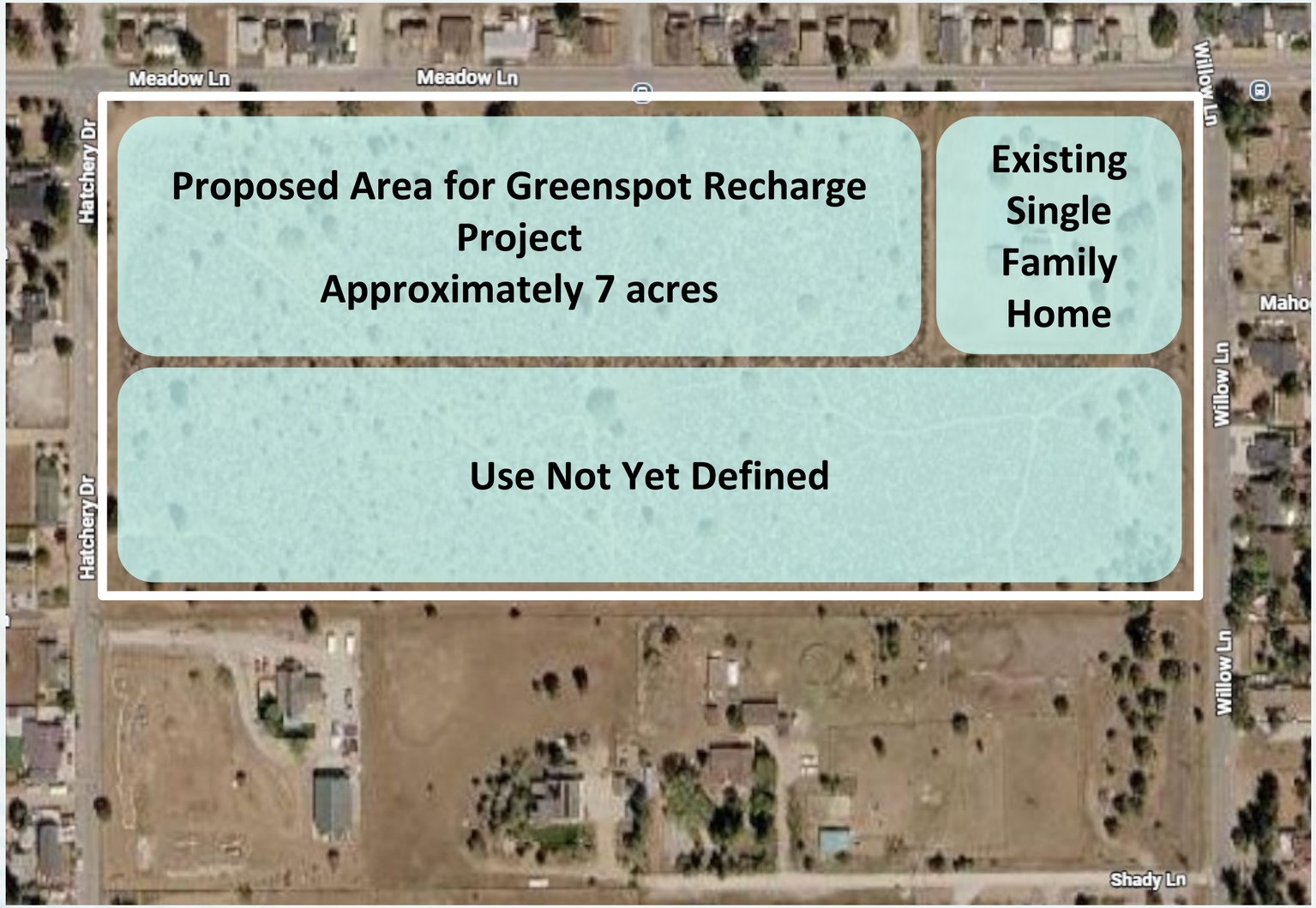
WHY ERWIN LAKE?

Finding the Right Location

- Studies and tests confirmed groundwater recharge would be effective at the selected site.
- The site is near existing municipal wells that can use the water, which reduces project costs.

THE GREENSPOT SITE

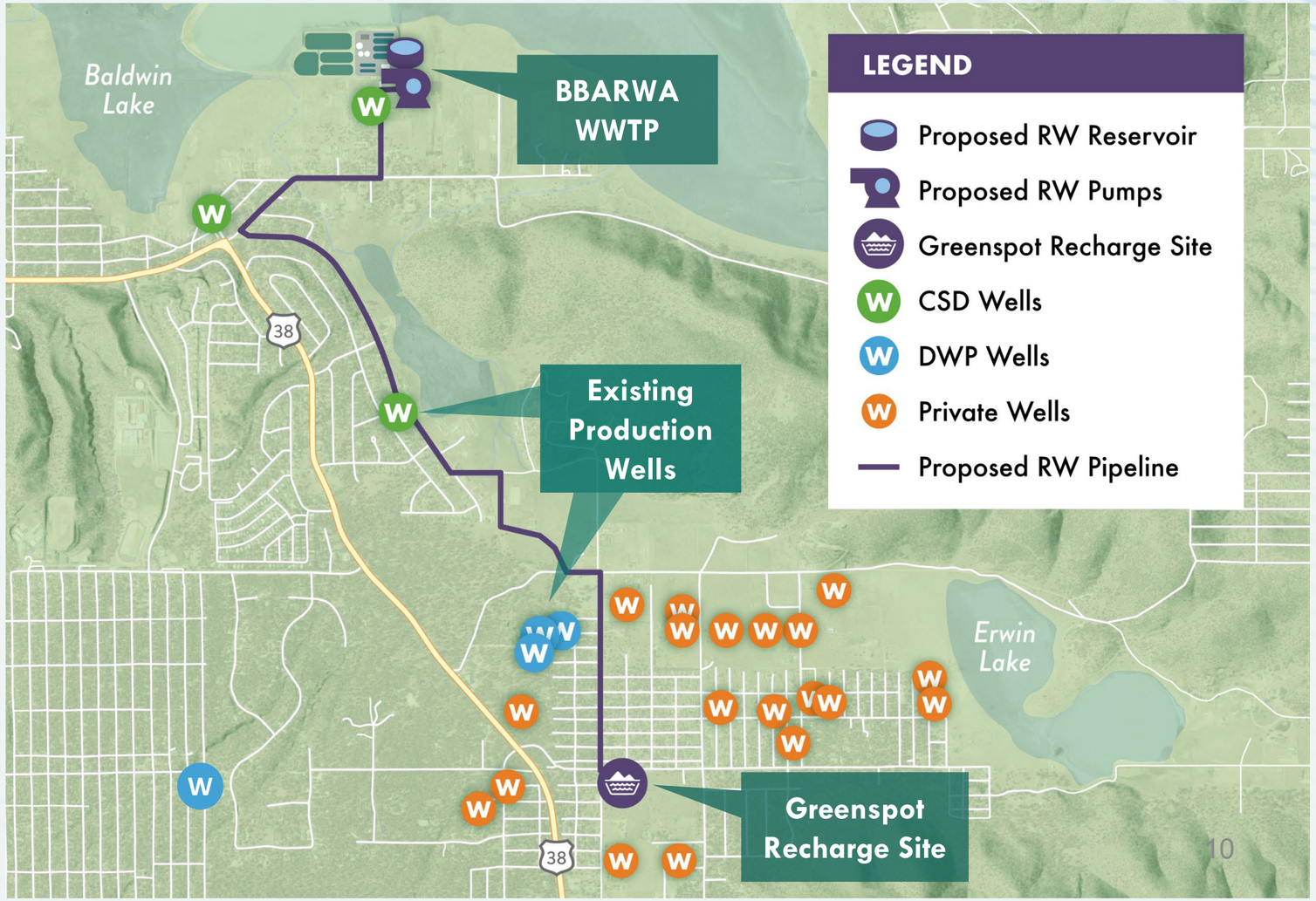
20 Acres Purchased for This Project



WHAT'S BUILT AT GREENSPOT

Groundwater Recharge Basins

- Greenspot will supply **500 AFY** of water for groundwater sustainability.
- The recharge basins will occupy approximately 7 acres of the 20-acre project site.
- Recharge basins are expected to operate about 9 months a year (not in winter).
- Not all basins will be full at the same time as they are drained and cleaned on a rotating basis.
- Recharge will directly benefit existing CSD and DWP municipal wells in the area.

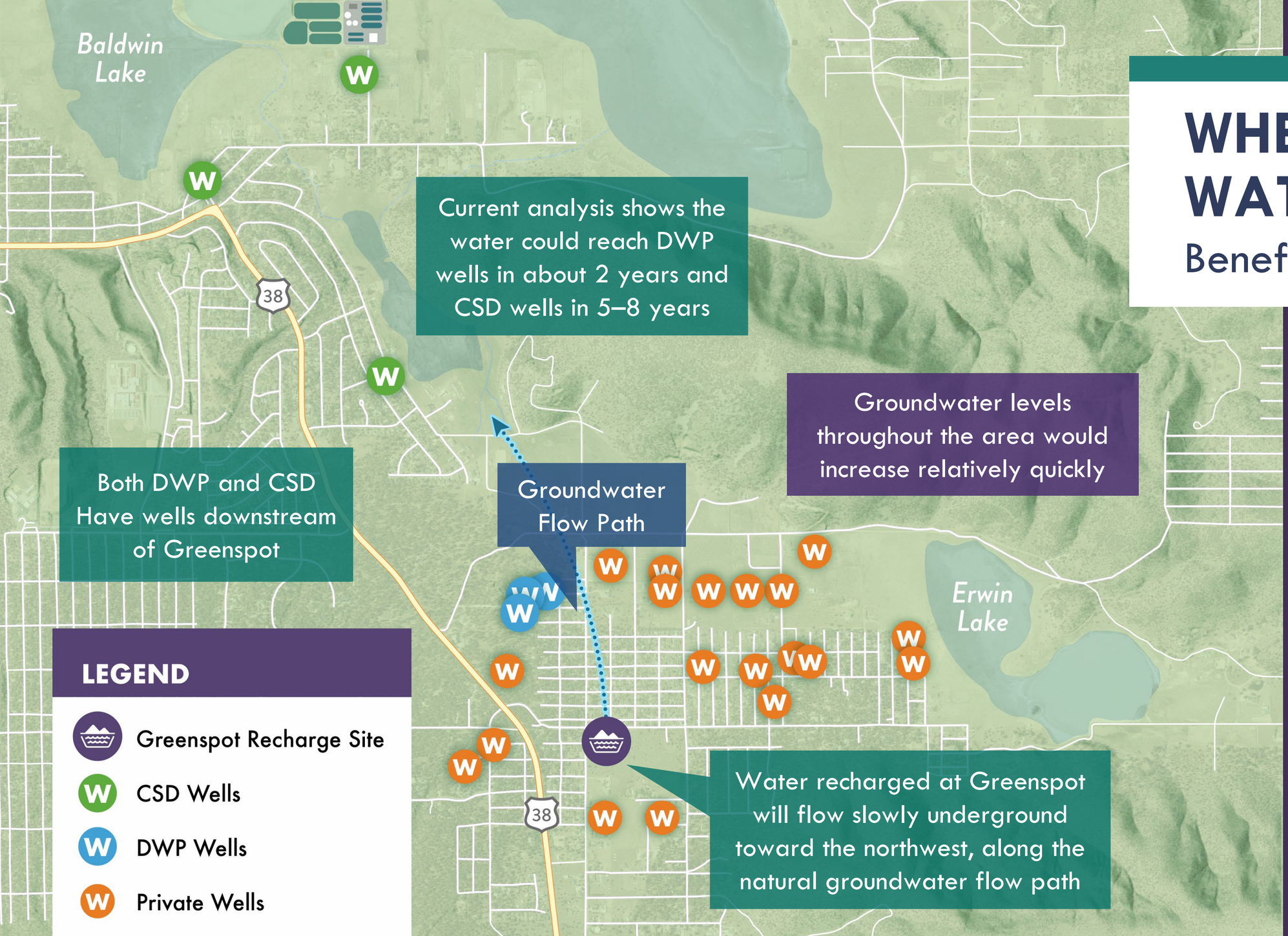


WHAT MIGHT IT LOOK LIKE?

Preliminary Renderings

Preliminary Example - Subject to Change

WHAT OTHER RECHARGE PROJECTS LOOK LIKE



WHERE WILL THE WATER GO?

Benefits to the Basin

GREENSPOT
Recharge Project

WILL THIS AFFECT MY WELL?

What Groundwater Modeling Shows

- Based on our research and preliminary modeling, we do not believe that any private wells in the area will be negatively impacted by the Project.
- The private wells are far enough away from the Project that all drinking water regulations will be met, and the safety of the well water would not be impacted.
- Water levels at private wells in the area will increase, which could be helpful to well owners.
- As Greenspot proceeds through design, we will be conducting additional studies to update our modeling as we get new information.

WHAT DOES IT COST?

Funding the Project

- Estimated cost to complete Greenspot: **$81.4 million.**
- The total cost is $88.6 million including developing the overall Replenish Big Bear Program.
- Would be funded through a mix of grants, loans, bonds, and sewer rates.
- BBARWA is pursuing grants and low-cost financing.
- No funding for construction has been approved — the BBARWA Governing Board must approve it before building could begin.

WHAT'S NEXT?

Project Timeline

- Final design is underway now.
- The BBARWA Governing Board must approve funding before construction could begin.
- The community will be kept informed as more details become available.
- Additional meetings for the wider Big Bear Valley are planned as the project progresses.

HOW TO STAY INVOLVED

- Talk with our team tonight — we're here to listen.
- Sign up for project updates at www.BBARWA.org/Greenspot.
- Attend BBARWA Governing Board meetings.
- Follow us on social media @BBARWA.ca.
- Call or email us anytime with questions.
  - 909.584.4018
  - admin@bbarwa.org

Please SCAN to Sign In

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Thank You
for being here.