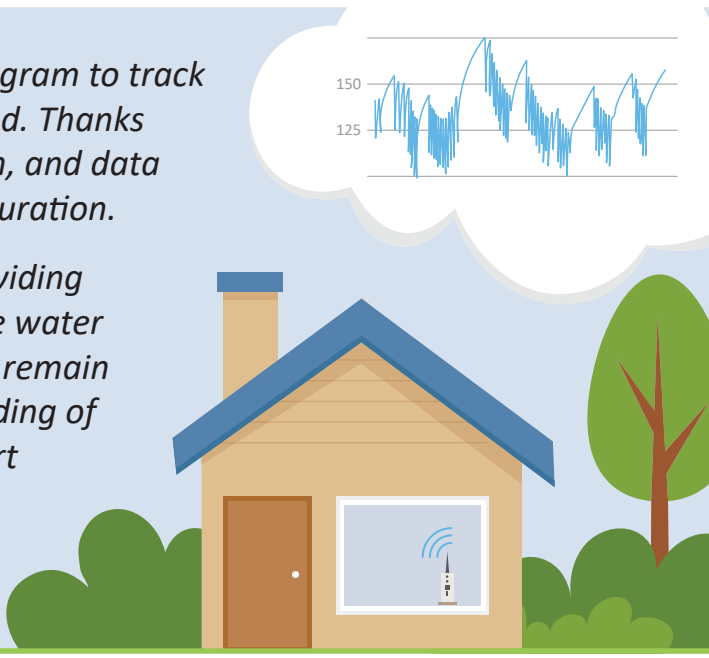
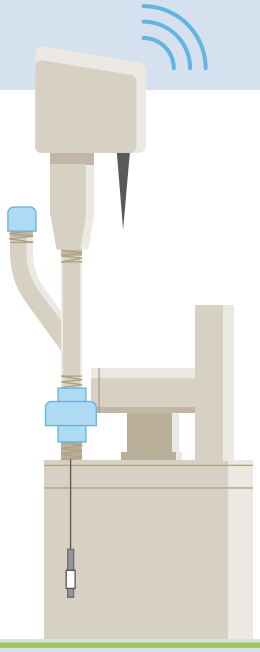
Join the Antelope Subbasin GSA

Community Domestic Monitoring Program

The Antelope Subbasin is establishing a monitoring program to track water levels in 25 volunteer wells over a five-year period. Thanks to grant funding, all monitoring equipment, installation, and data management for these wells are fully covered for the duration.

Volunteers will have access to a private dashboard providing valuable insights into their own well's conditions. While water level data will be publicly accessible, well locations will remain confidential. This collected data will deepen understanding of groundwater resources across the subbasin and support informed decision-making.





How the Domestic Monitoring Program Works:

The Subbasin will equip volunteer wells with Wellntel systems for real-time monitoring.

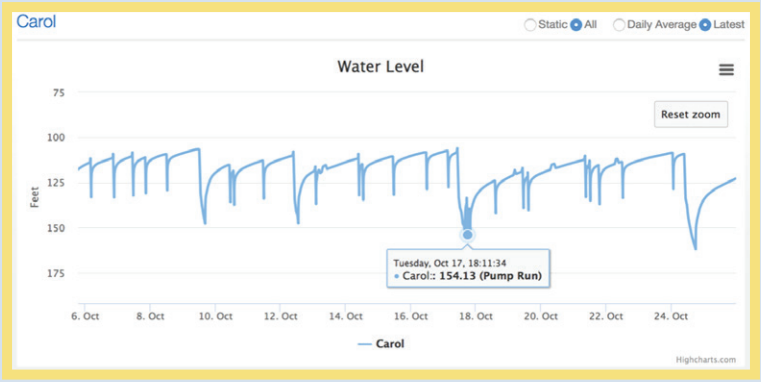
The acoustic Sensor, installed at the top of the well, measures water levels without touching water or disrupting well operation.

The Sensor sends data via a Gateway, connected to the internet through a home router (no need for access to the homeowner's Wi-Fi).

Data automatically uploads to the cloud, reducing the need for well visits outside regular maintenance.

What can Well Volunteers do with their Dashboard?

- Monitor groundwater level trends over time
- Track pumping drawdown and recovery to assess well efficiency
- Set and receive custom operating alerts
- Collaborate with the Antelope Subbasin GSAs



For more information about joining the Antelope Subbasin Domestic Monitoring Program, email TehamaGSA@tcpw.ca.gov or call (530) 690-0700