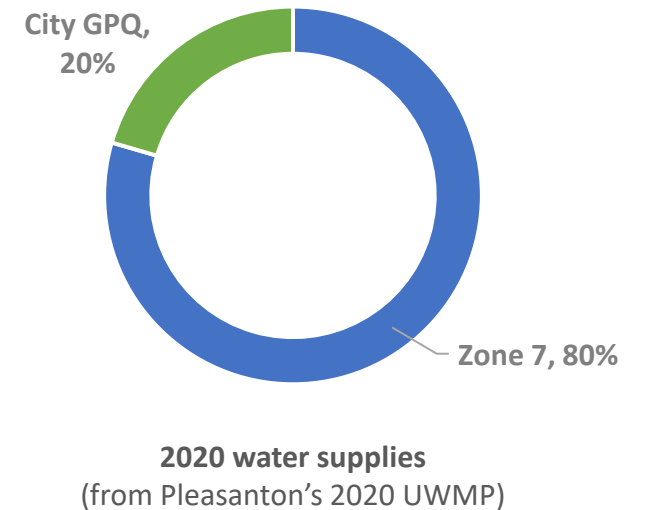


Groundwater Supply Project

Pleasanton DSRSD Liaison Committee Meeting
March 25, 2024

Results of Water Supply Alternatives Study

- Objective:
 - Determine preferred alternative to recover portion of City's water supply that is sourced from its GPQ (3,500 ac-ft/yr)
- Recommendations:
 - Implement the Groundwater Supply Project to pursue new groundwater wells in the Bernal subbasin that can pump the City's GPQ
 - Investigate the feasibility of collaborating with Zone 7 on a joint project
 - If determined that new groundwater wells are not feasible due to negative impacts to the Bernal subbasin, pivot to rehabilitating Well 8 and adding PFAS treatment (considered unlikely)



Coordination with Zone 7 on a Joint Project

- February 2024 – City and Zone 7 prepared terms of collaboration for a joint project
- Project Goal
 - Implement new groundwater facilities in the Bernal Subbasin that enables:
 - Zone 7 to gain increased groundwater production capacity for the Tri-Valley Region
 - City to recover its GPQ
- Responsibilities
 - Zone 7 the lead agency in project development and operation
 - City pay its fair share (relative to GPQ) of project development and O&M, assist with necessary land rights, and manage community outreach within City

Collaboration with Zone 7 on a Joint Project (cont'd)

- Project Description
 - Install 2-3 new groundwater wells
 - Increase capacity of Zone 7's Hopyard Treatment Facility to accommodate new wells
 - Install new pipelines to tie new wells to Zone 7's treatment facility and transmission system
 - City GPQ would be delivered by Zone 7 through its transmission system to City turnouts



Next Steps – Feasibility Phase

- Joint Project Feasibility Review
 - Formal cost sharing agreement for feasibility phase
 - Well siting, test drilling, and groundwater modeling to determine potential yields (regional vs. City GPQ) and water quality
 - Basis of design report & cost estimates for recommended project
 - Establish agreement terms for joint project design, construction, and operational phases (if both parties agree to proceed)
- City Factors for Joint vs. Individual Project Selection
 - Evaluate distribution impacts of GPQ delivered through turnouts
 - Update Water Supply Alternative costs and pros/cons based on feasibility review
- Schedule Goals
 - Field Investigations – 2024
 - Feasibility Review & Project Selection – 2025 (Late Spring)

Questions?