



**2021 Urban and
Multibenefit Drought Relief
Grant Application
December 21, 2021**

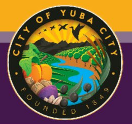


**Presentation By:
Diana Langley, City Manager**



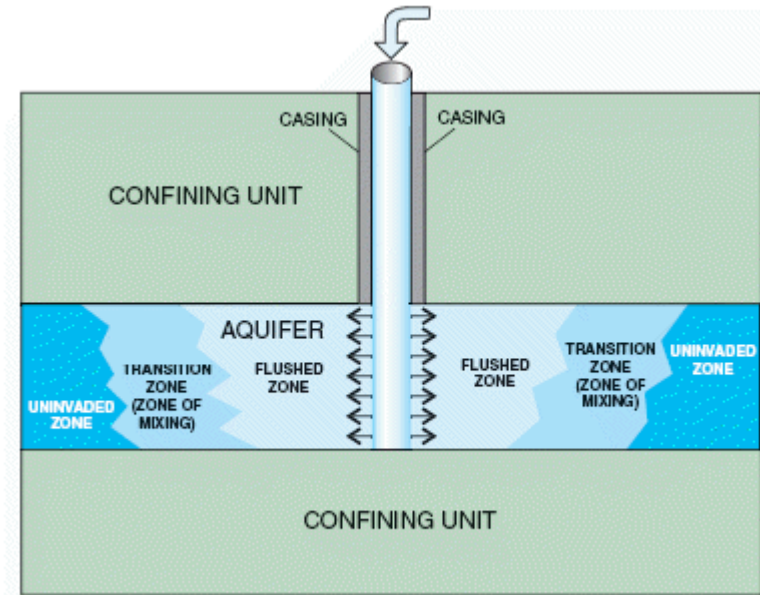
Urban and Multibenefit Drought Relief Grant Program – Background

- The Department of Water Resources (DWR) was authorized by State Legislature pursuant of the Budget Act of 2021 and Assembly Bill 148.
- DWR has combined \$200 million of this funding into the Urban and Multibenefit Drought Relief (UMDR) Grant Program.
- Public Works staff and City consultants have investigated potential projects to improve drought resiliency and recommend requesting funding for an Aquifer Storage Recover (ASR) System.

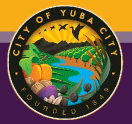


UMDR Grant Program – Analysis

- An ASR System provides the following benefits:
 - Increase the City's drought resiliency
 - Increase utilization of purchased surface water
 - Decrease dependency on surface water during periods of drought.
- An ASR System concept:
 - Inject treated water into the groundwater aquifer system during times of surplus
 - Extract clean groundwater during times of drought.
- In 2016, three monitoring wells were constructed at various locations at the Water Treatment Plant to evaluate feasibility of an ASR System.
- Initial findings suggest that an ASR System would be feasible.



Source: <https://pubs.usgs.gov/fs/2004/3128/>



UMDR Grant Program – Analysis

- Funding to construct an ASR System has not yet been identified.
- City staff have identified grant funding programs where the City's proposed ASR System is eligible, but have not been successful with being awarded grant funds.
- Staff believe that the ASR System Project would be competitive for DWR's Urban and Multibenefit Relief Grant Program.
- DWR requires Council adopt a Resolution for the following:
 - Authorize the grant application, acceptance, and execution for the ASR System Project.
 - Designate staff member to execute any grant related documents.



UMDR Grant Program – Recommendation, Fiscal Impact, and Alternatives

- Fiscal Impact: Developing the grant application is estimated to cost approximately \$15,000 in staff time and consultant fees. There is sufficient funding available in the Water Treatment Plant’s Professional Services Account. The grant amount requested is \$3,625,000 with a City match of \$166,184 (in-kind) for a total of \$6,491,184.
- Recommendation: Staff recommends to adopt a Resolution authorizing the grant application, acceptance, and execution for the ASR System Project, and designate the Public Works Director or designee to execute any documents required for applying to the grant program and executing a funding agreement and other related documents on behalf of the City.
- Alternative: Do not authorize the UMDR grant application and direct staff to pursue other sources of funding.