

HAZARD MITIGATION GRANT PROGRAM

June 21, 2018

Board of Public Utilities

Claire Myers, Sustainability Representative



OUR FUTURE IN EVERY DRÖP

Hazard Mitigation Grant Program (HMGP)

- FEMA program
- Administered by CalOES
- Funding becomes available after federal declaration of disaster
 - DR 4344: October 2017 Wildfires



FEMA



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



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Potential Projects

- 9 Notices of Interest (NOIs) submitted
 - 6 Projects eligible to submit a subapplication
 - 3 Projects to be pursued
- 1 NOI re-submitted

Submitting Subapplications

- Seismic Retrofits to Reservoirs
- LTP Flooding Mitigation
- Back-up Generators at Water/Wastewater Facilities

Seismic Retrofits to Three Reservoirs

Vulnerability: Earthquake-caused tank failure

Risk: Loss of water for firefighting and potable water supply

Mitigation: Correct seismic deficiencies to allow water levels to operate at full capacity



LTP Flooding Mitigation

Vulnerability: 100-year flood

Risk: Damage to critical equipment

Mitigation: Berms, walls, and gates around the facilities; floodgate across Llano Road



Back-up Generators

Vulnerability: Power failure at critical facilities

Risk: Loss of water for public health and safety; raw sewage overflows

Mitigation:
Replace/repair generators



Fiscal Impact

Project	Total Project Cost	Federal Grant	City Matching Funds	City Funding Source
Seismic Retrofits to Reservoirs	\$5,900,000	\$4,425,000 (75%)	\$1,475,000 (25%)	Water Capital Fund (1614)
LTP Flood Mitigation	\$12,700,000 to \$18,000,000	\$5,000,000 (28 - 39%)	\$7,700,000 to \$13,000,000 (61 - 72%)	Subregional Capital Fund (1639)
Back-up Generators	\$4,600,000	\$3,450,000 (75%)	\$1,150,000 (25%)	Water and Wastewater Enterprise funds (1611 and 1621)

Not Submitting Subapplications

- Rehabilitation of Carley and Peter Springs Emergency Wells
- Supervisory Control and Data Acquisition (SCADA) Enhancements
- Fireproofing Water/Wastewater Facilities

Rejected NOIs

- Emergency Well at Place to Play
- Study to Increase Water Supply in Fountaingrove
- Storm Drain Master Plan: RESUBMITTED

Next Steps

- Subapplication development: June, July, August
- Subapplication Deadline: September 4, 2018

Questions?



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