CAPITAL IMPROVEMENT PROGRAM MID-YEAR UPDATE FOR 2018-19 FUNDED PROJECTS
Funded Projects

- Orchard Run Water Treatment Plant WQ Improvements
- El Pueblo Water Treatment Plant Control Improvements
- Sequoia Tank Rehabilitation
- Bethany Tank Rehabilitation
- Hacienda Pump Station Improvements
- Polo Ranch Water Exchange & Pump Station Project
- Whispering Pines Recycled Water Main Replacement Project
- Hwy 17 Recycled Water Main Crossing
- Northridge Pressure Regulator Station & Water Main Replacement
- Advanced Metering Infrastructure and Meter Changeout Program
- Groundwater Recharge Project
- Vehicle Replacement / Generator Replacement
- Granite Creek Pressure Regulator Station Installation
Orchard Run Water Treatment Plant WQ Improvements

- Implement esthetic taste & odor improvements to treatment process by adding new GAC filter and chlorine analyzer injection system. Infrastructure improvements include replacing ammonia based H2S air scrubbing system with a Bio Filtration scrubber. Replace 40,000 gallon bolted steel backwash tank and install new sewer lateral. (Budget $500,000)
El Pueblo Water Treatment Plant Improvements

- Replace manual 1980's filter control system with programmable automated control system linked with SCADA. (Budget $150,000)
Sequoia Tank Rehabilitation

• Recoat roof, interior, and exterior of 1.25 million gallon Sequoia Tank that has the original coating from 1983. (Budget $650,000)
Bethany Tank Rehabilitation Project

- Construct additional tank on-site to allow for roof reconstruction and interior and exterior coating replacement of 400,000 gallon Bethany Tank. Project extends tank service life and provides additional permanent storage and redundancy. (Budget $200,000)
Hacienda Pump Station

- Pump shed structure is in poor condition and needs to be replaced. Pumps are very loud and run 24hrs a day. Noise mitigation and structural upgrades will provide better protection for pumps and motors and reduce noise emissions considerably. (Budget $60,000)
Polo Ranch Flow Control & Pump Station

- Polo Ranch Flow control station will be modified to provide booster pumping into the Southwood pressure zone when needed. The Southwood Booster station on Granite Creek Road will be retired. (Budget $20,000)
Whispering Pines Recycled Main Replacement

- Replace 500’ of low pressure 8” PVC pipe with high pressure rated pipe between WWTP Pump Station and the Whispering Pines Regulator Station. (Budget $150,000)
HWY 17 Recycled Water Main

- Install new main to supply sufficient recycled water flows to area east of Hwy 17. Main upgrade necessary to support new development. Project costs to be refunded by developers. (Budget $257,000)
Northridge Main and Regulator Station Replacement Project
• Replace approximately 500’ of 4” main and relocate and PRV station (Budget $120,000)
Automated Metering Infrastructure (AMI) & Meter Replacement Program

• Install AMI transmitters on all meters over 3-4 year period. Replace all meters installed before 2012 at the rate of 800-1000 meters per year (Budget $150,000)
Vehicle Replacement / Generator Replacement

- Replace 2003 Ford F250. Truck was ordered off State Bid Contract in August 2018. (Budget $35,000)
- Replace 1962 50 KW portable generator with fixed generator installation at Crescent pump station. Staff is preparing a PO for generator purchase. (Budget $50,000)

Recycled Water Groundwater Replenishment Project

- Feasibility study completed. EIR contract awarded to ESA and is scheduled to be completed by April 2020. (Budget $300,000)

Pressure Regulator Station Installation - Granite Creek Estates

- Install main line regulator station to reduce 200+ PSI in the distribution system that serves Taryn Ct, Lauren Circle, Traci Ct and section of Granite Cr Rd. (Budget $100,000)