

Water Resources Workload Highlights for Fiscal Year 2022

I. Water Resources

- a. One Water
- b. Commencement of Water Supply Agreement with the Montecito Water District (January 2022)
- c. Expanded Customer Bill Assistance Program
- d. Desal Operations Contract
- e. Sea Level Rise Adaptation Planning
 - i. Budgeted \$100K/year to begin effort
 - ii. Will be working with new Sustainability and Resiliency Department
- f. Facility Public Tours – Virtual and In-person
- g. Water Resources Energy Master Plan
- h. Re-organization of Distribution and Water Supply and Services group to support:
 - i. Water Conservation
 - ii. AMI
 - iii. Water Meter Maintenance
 - iv. Water Resources Land Development

II. Wastewater Collections and Treatment

- a. Wastewater Rate Study
- b. Operation
 - i. WasteWater Treatment
 - 1. Staffing
 - ii. WasteWater Collections
 - 1. Evaluation of Staffing needs
 - 2. Equipment Upgrades
 - a. CCTV Van
- c. Capital Improvement Projects
 - i. WasteWater Treatment
 - 1. Design
 - a. Chlorine Contact Basin
 - b. Via Lucero Lift Station Evaluation
 - c. Electrical Project
 - i. SRF Funding pending
 - 2. Construction
 - a. Digester Cleaning and Dome replacement
 - b. Braemar Lift Station
 - i. SRF Funding pending
 - ii. WasteWater Collections
 - 1. Rehab Projects
 - 2. Capacity Projects
 - a. ADU
 - b. Caltrans Capacity
- d. MOU with County regarding Onsite Wastewater Treatment Systems
- e. Septic to Sewer Guidelines
- f. Enhanced Public Outreach
 - i. Collection System
 - ii. Information and Tours

III. Water Supply and Services

- a. Enhanced Urban Water Management Plan implementation
 - i. Recycled water market assessment
 - ii. Groundwater storage, sustainable yield, and management plan
 - iii. Participation in CCWA's Water Management Strategies Study
 - iv. Track potable reuse regulations
 - v. New: Annual Water Supply Assessment to DWR – due July 1, 2022
- b. Cachuma Biological Opinion
- c. Future compliance with the State Water Rights Order for the Cachuma Project
- d. Cachuma Master Water Service Contract Renewal
- e. COMB O&M Contract Renewal
- f. CCWA Warren Act Contract Renewal
- g. Pass-Through Agreement – Warren Act Contract
- h. Drought
 - i. Water Conservation
 - ii. Water Use Restrictions
 - iii. Water Supply Strategy
- i. Water supply agreement negotiations with La Cumbre Mutual Water Company
- j. SLIP Status Updates

IV. Water – Operations and Capital

- a. Operations
 - i. Annual Report this Fall (programs and non-capital projects)
 - ii. Treatment
 - 1. Energy Master Plan
 - a. Floating Voltaic at Lauro Reservoir
 - b. Tesla Back-up Power Project
 - 2. COMB
 - a. Instrumentation upgrades
 - b. Ongoing water quality monitoring
 - i. Temp profiling (warming), nutrients, turbidity
 - ii. Algae blooms and algae toxin monitoring
 - c. Secured Pipeline Project (depending on lake elevation)
 - i. Water Quality Improvement
 - ii. Avoiding pylons on lakes surface
 - iii. Distribution
 - 1. Re-organization Update
 - a. Water Distribution Operations
 - iv. Gibraltar Dam
 - 1. Caretaker's Facilities
 - a. Water and Energy
- b. Capital
 - i. Desal Conveyance Pipeline (Sept 2021)
 - ii. Transmission Main Renewal – Phase I (Foothill Rd.)
 - iii. Cater Reservoir Resiliency Project
 - iv. Vic Trace Reservoir Pre-design
 - v. Water Main Replacement Program – leap to 2%
 - vi. Automated Metering Infrastructure – Pilot Deployment
 - vii. Recycled Water Pump Station Upgrades