

## **Water Resources Workload Highlights for Fiscal Year 2023**

### **I. Water Resources**

- a. One Water
- b. Approved FY23 Staffing Changes
- c. Desal Operations Contract
- d. Water Resources Energy Initiatives
  - i. Power Demand Reduction Program
  - ii. Floating Solar at Lauro Canyon Reservoir
  - iii. Tesla Battery Load Shifting Project at the Cater Water Treatment Plant
  - iv. Hybrid and electrical vehicles
  - v. El Estero Water Resource Center Cogen contract renewal
- e. Facility Public Tours – In-person tours are currently on-hold
- f. Water Commission Special Presentations
  - i. Update on the development of Direct Potable Reuse Regulations from a representative of the California State Water Resources Control Board Drinking Water Division
  - ii. How Public Health Professionals are utilizing emerging wastewater testing to better determine public health threats
  - iii. Watershed Wise Landscape Incentives Program partnership
  - iv. Sea level rise adaptation planning update

### **II. Wastewater Collections and Treatment**

- a. Wastewater System Annual Report
- b. Operations
  - i. Wastewater Treatment
    - 1. Preparation for the Electrical Renewal project
  - ii. Wastewater Collections
    - 1. Equipment Upgrades
      - a. CCTV Van delivered in June 2022
    - 2. CCTV Program – Complete entire system
      - a. Large Diameter (>12-Inch) – Complete in FY23
      - b. Small Diameter ( $\leq$ 12-Inch) – Complete in FY25
- c. Capital Improvement Projects
  - i. Wastewater Treatment
    - 1. Design
      - a. Via Lucero Lift Station Evaluation – On-hold pending available engineering staff
    - 2. Construction
      - a. Chlorine Contact Basin – Anticipated to begin in Spring 2023
      - b. Electrical Project – Anticipated to begin in Summer 2023

## Water Resources Workload Highlights for Fiscal Year 2023

August 18, 2022

Page 2

- c. Braemar Lift Station – Anticipated to begin construction in Spring 2023
    - d. Digester Cleaning and Dome replacement - Complete construction Spring 2023
  - ii. Wastewater Collections
    - 1. Rehabilitation Projects – Ongoing 1% of System
    - 2. Capacity Projects – On-hold pending available engineering staff
      - a. Inflow & Infiltration Study (follow-up) – Evaluate impacts of collection system projects (i.e., rehabs, point repairs) water conservation and population growth on wastewater flows.
      - b. CalTrans Crossing Capacity Issues – On-hold pending available engineering staff
  - d. Septic-to-Sewer – Develop guidelines for new customer connections
  - e. Enhanced Public Outreach
    - i. Collection System – Exploring advertising options on collection equipment
    - ii. Information and Tours – Exploring virtual tour options

**III. Water Supply and Services**

- a. Water Supply Planning
  - i. Ongoing Drought Updates
    - 1. Water Conservation
    - 2. Water Use Restrictions
    - 3. Water Supply Strategy
  - ii. Bi-Annual Water Supply Updates to Water Commission and City Council
- b. Bi-Monthly updates on Central Coast Water Authority (CCWA)/Cachuma Operation and Maintenance Board (COMB)/Cachuma Conservation Release Board (CCRB)
- c. Recycled water market assessment
- d. Participation in CCWA's Water Management Strategies Study
- e. Support of CCRB and the Cachuma Biological Opinion effort
- f. Support of CCRB and compliance with the State Water Rights Order for the Cachuma Project
- g. Cachuma Master Water Service Contract Renewal
- h. COMB O&M Contract Renewal
- i. COMB
  - i. Secured Pipeline Project Construction
  - ii. Emergency Pump Barge Planning
- j. CCWA Warren Act Contract Renewal
- k. Pass-Through Agreement – Warren Act Contract
- l. Sewer Lateral Inspection Program
  - i. Continue program changes to support more customers

## Water Resources Workload Highlights for Fiscal Year 2023

August 18, 2022

Page 3

- ii. Minimize resources spent minor lateral deterioration
- m. Water Resources Laboratory
  - i. Compliance with New State Laboratory Regulations
- n. Automated Metering Infrastructure (AMI) Deployment
- o. Customer Service
  - i. CRM (Customer Relationship Management) Software
  - ii. AMI (Advanced Metering Infrastructure)
  - iii. Water Conservation
  - iv. Water Quality
  - v. Utility Billing

**IV. Water Operations and Capital**

- a. Water System Annual Report
- b. Operations
  - i. Treatment
    - 1. Ortega Groundwater Treatment Plant Reactivation
  - ii. Distribution
    - 1. Operator Training
      - a. Task Books
    - 2. Annexation of the Lincolnwood Water Company
    - 3. Daupler – Customer Service Request Tracking Software
    - 4. After-Hours Emergency Response
    - 5. Asset Tagging/Geographic Information Systems
    - 6. SCADA Support Services
    - 7. Aquifer Storage and Recovery (ASR) Pilot
  - iii. Gibraltar Dam
    - 1. Caretaker Facilities Assessment
- c. Capital
  - i. Desal Conveyance Projects
    - 1. Desal Link Project
    - 2. Transmission Main Renewal – Phase I (Foothill Road)
    - 3. Desal Pump Station Upgrade
  - ii. Cater Finished Water Reservoir Resiliency Project
  - iii. Vic Trace Reservoir Replacement
  - iv. Water Main Replacement Program
    - 1. Fiscal Year 23 (A&B) Water Main Replacement Project
    - 2. Highway 101 Water Main Replacement at Los Patos Way
  - v. Recycled Water Pump Station Upgrades