



Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: April 18, 2024

SUBJECT: Quarterly Activity Report (January 2024 to March 2024)

Coachella Water Authority:

The Utilities Department Water Authority Division provides water pumping, treatment, and distribution services to more than 8,900 service connections citywide that include residential, commercial, and industrial users. The City has three (3) Storage Reservoirs of more than 10 million gallons of capacity with six (6) operating wells that provides more than 8,000 acre-feet of annual water production. This division is responsible for a variety of tasks including meter reading, repairs, pumping, production, treatment, main and distribution repairs, water quality complaints, service connections/disconnections, and capital improvements along with other assigned duties.

Coachella Water Authority Production and Distribution Highlights	
<u>Description</u>	<u>Value</u>
Total -Water Production (JAN to MAR) (MG)	464.7
Chlorine Consumption (Gallons)	2515
Water Quality complaints	1
Monthly Samples Collected (Distribution System)	160
Quarterly Wells sampled	4
Valves Exercised	35
Valves Repaired/Replaced	0
Underground Service Alerts	37
Hydrants Flushed/Serviced	20
Standby Service Calls	28
Water Service Leaks	29
Main Leaks	1
Non responsive meters Cycle one	526
Non responsive meters Cycle two	493
Meter Replacements	46
Hydrant replacements	1
Delinquency Turn Off's	121
Well Depths Monitored – 3/28/2024	
Well No. 10 Depth (feet,) SWL	30. ft.
Well No. 11 Depth (feet,) SWL	81 ft.
Well No. 12 Depth (feet,) PWL	78.4 ft.
Well No. 16 Depth (feet,) SWL	29.9 ft.
Well No. 17 Depth (feet,) PWL	121 ft.
Well No. 18 Depth (feet,) SWL	74.5 ft.
Well No. 19 Depth (feet,) PWL	124 ft.
Annual Production	

2024 Total current production JAN 2024 to DEC 2024	2340.7
2024 Annual (MG)	2340.7

Coachella Sanitary District:

The Utilities Department, Sanitary Division, provides for all the collection, treatment, and disposal of residential, commercial, and industrial wastewater for the more than 9,000 service connections within the City and more than 400,000 lineal feet of sewer collection system (100miles) 4-inches to 54-inches, Two (2) sewage pump stations, and over 1,600 manholes.

For the **3rd Quarter of January, February, & March 2024**. A total of 273.198 MG of wastewater was received at the Wastewater Plant. With an average daily flow of 3.001 MGD. The Plant treated a total of 247.768 MG. A total of 218 samples were collected at the Plant for monitoring.

Water Reclamation Facility – 87075 Avenue 54th	
<u>Description</u>	<u>Value</u>
Total Influent per month (MG)	92.06
Influent Ave. Daily Flow (MGD)	3.001
Total Effluent per month (MG)	83.48
Effluent Ave. Daily Flow (MGD)	2.752
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	0
Hypochlorite consumption (Gallon)	8,560
Sodium Bisulfite consumption (Gallon)	4,840
Odor complaints	0
Samples collected this quarter (Plant)-	218
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	101
Collection System Cleaning (feet)	90,642
Manhole Inspection/Cleaning	128
Collection System Spills	0
Collection System Blockages	None
Stand-By Calls	14
Collection System CCTV Inspection (feet)	3,700
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	1
Wet Well Inspections	46

Environmental Division:

The Environmental/Regulatory Division of the Utilities Department is responsible for areas relating directly to water, wastewater, storm water, and air quality protection. Initial focus is aimed at the National Pollutant Discharge Elimination System (NPDES), Industrial Wastewater Pretreatment Program (Source Control), and Fats, Oils & Grease (FOG) Program. These programs provide auditing, permitting, monitoring, and enforcement of our local City Ordinance. The following report details activities for the previous quarter:

- Attended weekly and/or monthly meetings with Desert Task Force (DTF), Coachella Valley Salt & Nutrient Management Plan (CV-SNMP), Sustainable Groundwater Management Act (SGMA), Coachella Valley Regional Water Management Group (CVRWMG), and Riverside County Flood Control (RCFC).
- Review and approve Industrial Wastewater Discharge Permits.
- Performed 91 Industrial facilities and food service establishment Inspections.
- Enforced 13 violations into compliance.
- Assist Development Services in reviewing plans pertaining to the Environmental Division.
- Ensured Hazardous waste are stored properly and scheduled for disposal.
- Monitor storm water outfalls discharging to the Coachella Valley Storm Channel (CVSC).

