



Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: July 18, 2024

SUBJECT: Quarterly Activity Report (April 2024 to June 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 (April to June) (MG)	722.9
Chlorine Consumption (Gallons)	1320
Water Quality complaints	2
Monthly Samples Collected (Distribution System)	160
Quarterly Wells sampled	6
Valves Exercised	57
Valves Repaired/Replaced	3
Underground Service Alerts	40
Hydrants Flushed/Serviced	45
Standby Service Calls	34
Water Service Leaks	41
Main Leaks	1
Non responsive meters Cycle one	492
Non responsive meters Cycle two	627
Meter Replacements	55
Hydrant replacements	3
Delinquency Turn Off's	71
Well Depths Monitored – 12/2023	
Well No. 10 Depth (feet,) SWL	30.9 ft.
Well No. 11 Depth (feet,) SWL	60 ft.
Well No. 12 Depth (feet,) SWL	62 ft.
Well No. 16 Depth (feet,) SWL	39 ft.
Well No. 17 Depth (feet,) PWL	93.4 ft.
Well No. 18 Depth (feet,) SWL	66 ft.
Well No. 19 Depth (feet,) PWL	132 ft.
Annual Production	
2024 Total current production JAN to JUN (MG)	1187.6
2023 Annual (MG)	2484.5

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 **4th Quarter of April, May, & June 2024**. A total of 279.432 MG of wastewater was received at the Wastewater Plant. With an average daily flow of 3.070 MGD. The Plant treated a total of 249.857 MG. A total of 204 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)	93.14
Influent Ave. Daily Flow (MGD)	3.070
Total Effluent per month (MG)	83.285
Effluent Ave. Daily Flow (MGD)	2.745
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	0
Hypochlorite consumption (Gallon)	11,089
Sodium Bisulfite consumption (Gallon)	4,826
Odor complaints	0
Samples collected this quarter (Plant)-	204
Stand-By Calls	11
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	287
Collection System Cleaning (feet)	59,728
Manhole Inspection/Cleaning	87
Collection System Spills	0
Collection System Blockages	None
Stand-By Calls	6
Collection System CCTV Inspection (feet)	0
Samples Collected (Field)	None
Pump Station Alarms	3
Wet Well Cleaning	1
Wet Well Inspections	51

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)
- Reviewed and approved Industrial Wastewater Discharge Permits
- Performed 75 Industrial facilities and food service establishment Inspections
- Enforced 10 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)
- Created CWA Lead Service Line Inventory Work Plan required by SWRCB-DDW