



Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: January 17, 2024

SUBJECT: Quarterly Activity Report (October 2023 to December 2023)

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 (Oct to Dec) (MG)	529.9
Chlorine Consumption (Gallons)	1100
Water Quality complaints	2
Monthly Samples Collected (Distribution System)	160
Quarterly Wells sampled	5
Valves Exercised	45
Valves Repaired/Replaced	1
Underground Service Alerts	37
Hydrants Flushed/Serviced	29
Standby Service Calls	50
Water Service Leaks	30
Main Leaks	1
Non responsive meters Cycle one	569
Non responsive meters Cycle two	503
Meter Replacements	55
Hydrant replacements	1
Delinquency Turn Off's	71
Well Depths Monitored – 12/2023	
Well No. 10 Depth (feet,) SWL	30.1 ft.
Well No. 11 Depth (feet,) SWL	89 ft.
Well No. 12 Depth (feet,) PWL	119 ft.
Well No. 16 Depth (feet,) SWL	31 ft.
Well No. 17 Depth (feet,) PWL	111 ft.
Well No. 18 Depth (feet,) SWL	89 ft.

Well No. 19 Depth (feet,) PWL	131 ft.
Annual Production	
2023 Total current production JAN 2023 to DEC 2023	2341.7
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 **2nd Quarter of October, November, & December 2023**, almost 276.371 MG of wastewater was received at the wastewater plant or average daily flow of 3.004 MGD. The Plant treated a total of 247.468 MG. A total of 254 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)	92.12
Influent Ave. Daily Flow (MGD)	3.004
Total Effluent per month (MG)	82.489
Effluent Ave. Daily Flow (MGD)	2.690
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	1
Hypochlorite consumption (Gallon)	15,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)-	254
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	245
Collection System Cleaning (feet)	71,489
Manhole Inspection/Cleaning	94
Collection System Spills	0
Collection System Blockages	None
Stand-By Calls	12
Collection System CCTV Inspection (feet)	850
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	None
Wet Well Inspections	48

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), Riverside County Flood Control (RCFC), and Woodard & Curran,
- Review and approve Industrial Wastewater Discharge Permits.
- Performed 70 Inspections and enforced compliance of Industrial facilities and food service establishment.
- Attended MS4 NPDES meeting discussing Regional Board's permit renewal updates and new regulations. Submitted 2023 NPDES Annual Report.
- Assist Development Services in reviewing plans pertaining to the Environmental Division.
- Ensure Hazardous waste are stored properly and scheduled for disposal.
- Monitor storm water outfalls discharging to the Coachella Valley Storm Channel (CVSC).