



## Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: October 18, 2023

SUBJECT: Quarterly Activity Report (July 2023 to September 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.

<b>Coachella Water Authority Production and Distribution Highlights</b>	
<b><u>Description</u></b>	<b><u>Value</u></b>
Total -Water Production (July to Sept) (MG)	695.8
Chlorine Consumption (Gallons)	1225
Water Quality complaints	1
Monthly Samples Collected (Distribution System)	160
Quarterly Wells sampled	5
Valves Exercised	60
Valves Repaired/Replaced	0
Underground Service Alerts	49
Hydrants Flushed/Service	33
Standby Service Calls	57
Water Service Leaks	31
Main Leaks	2
Non responsive meters Cycle one	414
Non responsive meters Cycle two	930
Meter Replacements	700
Hydrant replacements	2
Delinquency Turn Off's	51
<b>Well Depths Monitored – 9/29/2023</b>	
Well No. 10 Depth (feet,) SWL	31 ft.
Well No. 11 Depth (feet,) SWL	89 ft.
Well No. 12 Depth (feet,) PWL	134 ft.
Well No. 16 Depth (feet,) SWL	128 ft.
Well No. 17 Depth (feet,) PWL	150 ft.
Well No. 18 Depth (feet,) SWL	128 ft.
Well No. 19 Depth (feet,) PWL	112 ft.
<b>Annual Production</b>	
2023 Total current production	1811.9
2022 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 **1st Quarter of July, August, & September 2023**, almost 282.867 MG of wastewater was received at the wastewater plant or average daily flow of 3.075 MGD. The Plant treated a total of 250.005 MG. A total of 217 samples were collected at the Plant for monitoring.

<b>Water Reclamation Facility – 87075 Avenue 54<sup>th</sup></b>	
<u>Description</u>	<u>Value</u>
Total Influent per month (MG)	94.289
Influent Ave. Daily Flow (MGD)	3.075
Total Effluent per month (MG)	83.335
Effluent Ave. Daily Flow (MGD)	2.718
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	1
Hypochlorite consumption (Gallon)	10,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)-	217
State Report completed/submitted	Yes

<b>Collection System &amp; Pump Stations Highlights</b>	
<u>Description</u>	<u>Value</u>
Underground Service Alert	176
Collection System Cleaning (feet)	97072
Manhole Inspection/Cleaning	117
Collection System Spills	1
Collection System Blockages	None
Stand-By Calls	11
Collection System CCTV Inspection (feet)	1,770
Samples Collected (Field)	None
Pump Station Alarms	8
Wet Well Cleaning	2
Wet Well Inspections	46

### **Environmental Division:**

The Environmental/Regulatory Division of the Utilities Department is responsible for areas relating directly to water, wastewater, stormwater, and air quality protection. Initial focus is aimed at the National Pollutant Discharge Elimination System (NPDES) Industrial Wastewater Pretreatment program – known as Source Control. This program provides for the auditing and or permitting, monitoring, and enforcement of our local City Ordinance. The following quarterly report will detail activities for the previous quarter:

- Attended weekly and/or monthly meetings with DTF, CV-SNMP, SGMA, CVRWMG, Riverside County Flood Control and Woodard&Curran,
- Review and approve Industrial Waste Discharge Permit.
- Performed 81 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.
- Establish new Aquatic Informatics ACP FOG data entry software to record and file facility inspections.
- Dye test Industrial facilities to ensure storm waters are contained with the property.
- Assist Development services in reviewing and commenting on plans pertaining with Environmental Division.