



## Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: July 17, 2023

SUBJECT: Quarterly Activity Report (April 2023 to June 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 (Apr to Jun) (MG)	663.62
Chlorine Consumption (Gallons)	2070
Water Quality complaints	1
Monthly Samples Collected (Distribution System)	150
Valves Exercised	29
Valves Repaired/Replaced	0
Underground Service Alerts	49
Hydrants Flushed/Serviced	22
Standby Service Calls	25
Water Service Leaks	31
Main Leaks	0
Non responsive meters	360
Meter Replacements	1270
Hydrants replacements	42
Turn-Off	2
Turn-On	0
Delinquency Turn Off	0
<b>Well Depths Monitored – 6/29/2023</b>	Yes
Well No. 10 Depth (feet,) SWL	
Well No. 11 Depth (feet,) PWL	32.2 ft.
Well No. 12 Depth (feet, ) SWL	134.6 ft.
Well No. 16 Depth (feet, ) SWL	80.4 ft.
Well No. 17 Depth (feet, ) PWL	34 ft.
Well No. 18 Depth (feet, bgs) SWL	108.4 ft.
Well No. 19 Depth (feet, bgs) PWL	89 ft.
<b>Annual Production</b>	150.9
2023 Total water production-Current MG	
2022 Annual (MG)	1116.03

**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 **Fourth Quarter of April, May, & June 2023**, almost 262.889 MG of wastewater was received at the wastewater plant or average daily flow of 2.888 MGD. The Plant treated a total of 219.194 MG. A total of 212 samples were collected at the Plant for monitoring.

<b>Water Reclamation Facility – 87075 Avenue 54<sup>th</sup></b>	
<i>Description</i>	<i>Value</i>
Total Influent per month (MG)	87.62
Influent Ave. Daily Flow (MGD)	2.888
Total Effluent per month (MG)	73.06
Effluent Ave. Daily Flow (MGD)	2.407
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	10,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)-	212
State Report completed/submitted	Yes

<b>Collection System &amp; Pump Stations Highlights</b>	
<i>Description</i>	<i>Value</i>
Underground Service Alert	329
Collection System Cleaning (feet)	106,024
Manhole Inspection/Cleaning	165
Collection System Spills	None
Collection System Blockages	None
Stand-By Calls	6
Collection System CCTV Inspection (feet)	1,347
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	1
Wet Well Inspections	48

### **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:

- Completed and delivered City of Coachella 2022 NPDES Annual Report to the Regional Board
- Review and approve Industrial Waste Discharge Permit.
- Inspect and enforce compliance of Industrial facilities and food service establishment.
- Attended MS4 NPDES meeting – discussions included Regional Board’s permit renewal updates and new regulation that may be implemented in the WWR NPDES permit.
- Continuing data entry from survey(s) and site inspections information into Source Control database.
- Attended TMDL meetings with Woodard & Curran and discussed MS4 outfalls, AG drain lines, and canal discharged.
- Inspected and dye tested stormwater drainage area that discharge to CVSC.
- Dye test Industrial facilities to ensure storm waters are contained with the facilities property.
- Created an Emergency Response Plan for Bagdouma Pool and completed annual Riverside County Department of Environmental Health inspection.
- Attended weekly and/or monthly meetings with CV-SNMP, SGMA, CVRWGMG, Riverside County Flood Control and Woodard&Curran,
- Attended QSP training
- Assist Development services in reviewing and commenting on plans planes pertain with Environmental Division.
- Submit AQMD annual reports
- Submit CERS Reports