



Utilities Department Memorandum

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: April 20, 2023

SUBJECT: Quarterly Activity Report (January 2023 to March 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 (Jan to Mar) (Million Gallons)	452.41
Chlorine Consumption (Gallons)	2227
Water Quality complaints	0
Monthly Samples Collected	162
Valves Exercised	29
Valves Repaired/Replaced	0
Underground Service Alerts	49
Hydrants Flushed/Serviced	25
Standby Service Calls	22
Water Service Leaks	
Main Leaks	1
Customer Service Calls	
Office work orders	380
Non-Reads	5564
Meter Replacements –	510
Hydrants replacements	4
Turn-Off	N/A
Turn-On	N/A
Delinquency Turn Off	13
State DDW Monthly Report Submitted	Yes
Well Depths Monitored - 9/30/2022	
Well No. 10 Depth (feet,) SWL	30.6 ft.
Well No. 11 Depth (feet,) SWL	74 ft.
Well No. 12 Depth (feet,) SWL	65.8 ft.
Well No. 16 Depth (feet,)	-
Well No. 17 Depth (feet,) PWL	94.5 ft.
Well No. 18 Depth (feet, bgs) SWL	68.24 ft.
Well No. 19 Depth (feet, bgs) PWL	134

Annual Production	
2022 Annual (MG)	2484.55

Coachella Sanitary District:

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

For the **Third Quarter of January, February, & March 2023**, almost 254.308 MG of wastewater was received at the wastewater plant or average daily flow of 2.825 MGD. The Plant treated a total of 215.874 MG. A total of 238 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)	84.76
Influent Ave. Daily Flow (MGD)	2.825
Total Effluent per month (MG)	71.9
Effluent Ave. Daily Flow (MGD)	2.398
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	5,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)-	238
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	486
Collection System Cleaning (feet)	101,952
Manhole Inspection/Cleaning	165
Collection System Spills	None
Collection System Blockages	None
Stand-By Calls	8
Collection System CCTV Inspection (feet)	10,000
Samples Collected (Field)	None
Pump Station Alarms	1
Wet Well Cleaning	1
Wet Well Inspections	49