

TO: Gabriel D. Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: January 19, 2023

SUBJECT: Utilities Quarterly Activity Report October, November, December 2022

Coachella Water Authority:

The Utilities Department Water Authority Division provides water pumping, treatment, and distribution services to more than 8,058 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	
<i>Description</i>	<i>Value</i>
Total -Water Production (Oct to Dec) (Million Gallons)	541.1
Chlorine Consumption (Gallons)	2453
Water Quality complaints	0
Monthly Samples Collected	162
Valves Exercised	41
Valves Repaired/Replaced	0
Underground Service Alerts	32
Hydrants Flushed/Serviced	25
Standby Service Calls	26
Water Service Leaks	20
Main Leaks	0
Customer Service Calls	
Office work orders	380
Non-Reads	5564
Meter Replacements – large meters 1 inch to 4 inch	23
Hydrants replacements	4
Turn-Off	N/A
Turn-On	N/A
Delinquency Turn Off	0
State DDW Monthly Report Submitted	Yes
Well Depths Monitored - 9/30/2022	
Well No. 10 Depth (feet,) SWL	31. ft.
Well No. 11 Depth (feet,) SWL	78.4 ft.
Well No. 12 Depth (feet,) SWL	65.8 ft.
Well No. 16 Depth (feet,)	-
Well No. 17 Depth (feet,) PWL	105.7 ft.
Well No. 18 Depth (feet, bgs) SWL	70.56 ft.
Well No. 19 Depth (feet, bgs) PWL	132.57
Annual Production	
2021 Annual (MG)	2351.86

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 (90miles) 4-inches to 54-inches, Two (2) sewage pump stations, and over 1,600 manholes.

For the **Second Quarter of October, November, & December 2022**, almost 266.933 MG of wastewater was received at the wastewater plant or average daily flow of 2.901 MGD. The Plant treated a total of 223.50 MG. A total of 244 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)	88.97
Influent Ave. Daily Flow (MGD)	2.901
Total Effluent per month (MG)	74.5
Effluent Ave. Daily Flow (MGD)	2.429
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	15,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)-	295
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	273
Collection System Cleaning (feet)	68,836
Manhole Inspection/Cleaning	107
Collection System Spills	1
Collection System Blockages	1
Stand-By Calls	9
Collection System CCTV Inspection (feet)	6,400
Samples Collected (Field)	None
Pump Station Alarms	1
Wet Well Cleaning	1
Wet Well Inspections	46

Coachella Water Grant Rebate Programs

- Turf Program- Funds have been exhausted; upcoming new funding soon.
- **Rebates pending/processed/completed**
 - 5 turf project applications received; 2 complete and 3 pending.
 - No toilet applications received.
 - No smart controller applications received.