



Utilities Department Memorandum

TO: Dr. Gabriel Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: November 3, 2022

SUBJECT: Quarterly Activity Report (June 2022 to September 2022)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for June through September 2022. The following report summarizes activities and significant achievements for the Coachella Sanitary District and Coachella Water Authority divisions of the Utilities department.

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 8,000 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 1,580 manholes.

For the **Third Quarter of July, August, & September 2022**, almost 263.869 MG of wastewater was received at the wastewater plant or average daily flow of 2.869 MGD. The Plant treated a total of 219.427 MG. A total of 244 samples were collected at the Plant for monitoring.

Water Reclamation Facility – 87-075 Avenue 54	
<i>Description</i>	<i>Value</i>
Total Influent per month (MG)	87.956
Influent Ave. Daily Flow (MGD)	2.869
Total Effluent per month (MG)	67.36
Effluent Ave. Daily Flow (MGD)	2.385
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)-	244
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	167
Collection System Cleaning (feet)	81,678
Manhole Inspection/Cleaning	108
Collection System Spills	None
Collection System Blockages	1
Stand-By Calls	10
Collection System CCTV Inspection (feet)	6,400
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	2
Wet Well Inspections	52

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	
<u>Description</u>	<u>Value</u>
Total -Water Production (July to sept) (Million Gallons)	715.6
Chlorine Consumption (Gallons)	3110
Water Quality complaints	0
Monthly Samples Collected	160
Valves Exercised	59
Valves Repaired/Replaced	0
Underground Service Alerts	28
Hydrants Flushed/Service	25
Standby Service Calls	22
Water Service Leaks	26
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	89.8 ft.
Well No. 12 Depth (feet,) SWL	77.5 ft.
Well No. 16 Depth (feet,)	-

Well No. 17 Depth (feet,) PWL	135.6 ft.
Well No. 18 Depth (feet, bgs) SWL	26.54 ft.
Well No. 19 Depth (feet, bgs) PWL	142 ft.
Annual Production	
2021 Annual (MG)	2351.86

Conservation Division:

The City of Coachella is committed to implement water conservation efforts and offer several conservation incentive programs to its constituents. The following programs available to apply following city's guidelines and conditions per the state grant terms and rules and funding available.

Coachella Water Conservation Program

- Turf Program- Prop.1 Round1-funds have been exhausted;
- **Rebates submitted and completed for the third quarter:**
 - 6 applications submitted.
 - 4 turf applications pending.
 - 2 turf applications processed.
 - 0 Low Flow Toilet
 - 0 smart controller