



## Utilities Department Memorandum

TO: Honorable Mayor and Council

FROM: Cástulo R. Estrada, Utilities Director

DATE: October 15, 2025

SUBJECT: Quarterly Activity Report (July 2025 to September 2025)

---

### Coachella Water Authority:

The Utilities Department Water Authority Division provides water pumping, treatment, and distribution services to more than 9,100 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 Sep) (MG)	715.7
Chlorine Consumption (Gallons)	3200
Monthly TCR Samples Collected (Distribution System)	182
Quarterly Wells Sampled	5
Valves Repaired/Replaced	0
Underground Service Alerts	107
Standby Service Calls	83
Water Service Leaks	54
Main Leaks	1
Non-Responsive Meters Cycle One	532
Non-Responsive Meters Cycle Two	725
Meter Replacements	45
Hydrant Replacements	2
Delinquency Turn Offs	70
<b>Well Depths Monitored – 09/2025</b>	
Well No. 10 Depth (feet,) SWL	30'
Well No. 11 Depth (feet,) SWL	79'
Well No. 12 Depth (feet,) SWL	81'
Well No. 16 Depth (feet,) SWL	32'
Well No. 17 Depth (feet,) PWL	100.1'
Well No. 18 Depth (feet,) SWL	89'
Well No. 19 Depth (feet,) PWL	136'
<b>Annual Production</b>	
2025 Total current production JAN 2025 to SEP 2025	1,902.1
2024 Annual (MG)	2340.7



### **Coachella Sanitary District:**

The Sanitary Division provides for all the collection, treatment, and disposal of residential, commercial, and industrial wastewater for the more than 8,200 service connections within the City and more than 564,960 linear feet of sewer collection system (107 miles). From 4-inches to 54-inches of sewer pipeline, two (2) sewage pump stations, and over 1,900 manholes.

The Avenue 54 Wastewater Treatment Plant has a flow capacity of 4.5 million gallons per day. Consists of a raw wastewater lift station and headworks facility, which includes screenings and grit removal equipment, two separate secondary treatment process trains including contact stabilization tanks and oxidation ditches and disinfection facilities. Secondary effluent from the plant, following disinfection with sodium hypochlorite and dechlorination with sodium bisulfite is discharged through an outfall into the Coachella Valley Stormwater Channel.

For the **1st Quarter of July, August & September 2025**. A total of 283.725 MG of wastewater was received at the Wastewater Plant. With an average daily flow of 3.084 MGD. The Plant treated a total of 265.823 MG. A total of 254 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)	94.575
Influent Ave. Daily Flow (MGD)	3.084
Total Effluent per month (MG)	88.604
Effluent Ave. Daily Flow (MGD)	2.793
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	0
Permit Violations	0
Hypochlorite consumption (Gallon)	8,856
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	0
Samples collected this quarter (Plant)	254
Stand-By Calls	25
State & EPA Reports completed/submitted	Yes

<b>Collection System &amp; Pump Stations Highlights</b>	
<u>Description</u>	<u>Value</u>
Underground Service Alert	457
Collection System Cleaning (feet)	122000
Manhole Inspection/Cleaning	201

Collection System Spills	0
Collection System Blockages	0
Collection System CCTV Inspection (feet)	841
Samples Collected (Field)	0
Pump Station Alarms	4
Wet Well Cleaning	1
Wet Well/Lift Station Inspections	51
Odor complaints	0
State CIWQS Reports Submitted	Yes



### **Environmental Division:**

The Environmental Division of the Utilities Department is responsible for areas relating directly to water, wastewater, and storm water protection. Focus is aimed at the National Pollutant Discharge Elimination System (NPDES), Industrial Wastewater Pretreatment Program (Source Control), and Fats, Oils, & Grease (FOG) Program. These programs provide auditing, permitting, monitoring, and enforcement of our local City Ordinance. The following report details activities for the previous quarter:

- Attended weekly and/or monthly meetings with Desert Task Force (DTF), Coachella Valley Salt & Nutrient Management Plan (CV-SNMP), Sustainable Groundwater Management Act (SGMA), Coachella Valley Regional Water Management Group (CVRWMG), and Riverside County Flood Control (RCFC)
- Reviewed and approved Industrial Wastewater Discharge Permits
- Reviewed and updated Industrial Facilities wastewater sewer service fee
- Performed 38 Industrial and Food service establishment inspections
- Issued 10 enforcement violations
- Assist Development Services in reviewing plans pertaining to the Environmental Division
- Monitored Coachella Valley Storm Channel stormwater outfalls





### **Engineering:** **Chromium-6 Project**

- Coordination with Corona Environmental Consulting continued throughout the quarter to prepare Wellsite 12 for the pilot test. Efforts were also made to determine an optimal date for on-site activities, initially targeted for the weeks of July 28 or August 4.
- The pilot test site was relocated from Well 12 to Well 19.
- Consultants requested additional analyte testing from the treatment plant, including total suspended solids, chlorine, total chromium, hexavalent chromium, total iron, and dissolved iron.
- Pilot test materials began arriving at the office and were fully received by July 31. All materials were delivered to Wellsite 19.
- A backflow preventer at Wellsite 19 was installed for the consultant conducting the pilot test.
- The electrical setup for the pilot test was completed. Preparations for skid and rig deliveries began on July 28, with deliveries scheduled and completed on August 5.
- The Chromium-6 Compliance Plan was reviewed with the consultant, and staff awaited a revised draft for final approval.
- The pilot test at Well 19 commenced and continued through October 3rd, with sample collection during the quarter.
- Revisions to the Compliance Plan were initiated for resubmittal to the State for approval.
- A Chromium-6 notice was prepared and distributed to residents during this quarter.

### **Shady Lane Septic-to-Sewer and Water Project**

- In July, quarterly progress reports were prepared and submitted to the State.
- Completion of the FBA forms was coordinated and finalized for submittal.
- Mobilization began on July 14, with potholing activities starting on July 22 in preparation for water main installation.
- A pre-construction meeting was coordinated with CVWD.
- The Tribe was notified of the project start date, and the construction schedule was shared.

- Coordination with the State took place to meet signage requirements under Davis-Bacon regulations.
- The project schedule was adjusted following the discovery of a fiber conduit in the planned alignment of the offsite water main. As a result, the contractor proceeded with the offsite sewer main installation.
- On-site sewer work was scheduled to begin the following week while Caritas completed on-site grading.
- Weekly coordination meetings with Caritas were held to maintain the project timeline.
- The lift station submittal was submitted for review.
- Offsite fire hydrants were installed.
- Staking for on-site utilities were completed.
- Offsite water and sewer lines were tied into Avenue 54.
- An on-site manhole and several sewer laterals were installed.
- Onsite sewer work progressed throughout the quarter.
- Dewatering for the lift station was scheduled to begin during the last week of September.

### Headworks Project

- Revised plans were resubmitted to the manufacturer, and final edits were pending prior to initiating equipment fabrication.
- An RFI was received from the electrical subcontractor; a response was prepared and submitted.
- City staff and consultant continued reviewing contractor submittals for the screen, conveyor, and compactor equipment.
- Billing #3 for the month of July was pending review at the close of the reporting period.

### Well 20 Project

- Coordination with Dudek was conducted in early July to schedule the pre-construction meeting.
- A pre-construction meeting and site visit took place on July 17.
- The preliminary construction schedule was received on July 21.
- The contractor submitted the well permit application to the County.
- A site meeting with Pulte was held on July 21 to address water discharge into the basin and confirm site readiness for Southwest Pumping and Drilling mobilization.
- Community notification planning began regarding upcoming drilling activities.
- Ongoing coordination with IID took place to support the installation of temporary power.
- South West submitted seven submittals, including a submittal checklist, for approval.
- Power Plus submitted the application to IID to obtain temporary construction power.
- Revised submittals were received from South West for review.
- A resident notice was distributed informing the community of upcoming construction.
- A sound wall was installed to mitigate construction noise.
- On September 17, a stake was placed at the center of the 100' x 100' parcel.
- On September 18, Hogg Drilling mobilized equipment, including a Spira Drill auger truck.
  - Drilling began, but the borehole experienced raveling at approximately 14 feet.
  - Poly Bore was added to stabilize the soil.
  - A 54.5-foot conductor casing was installed.
  - The borehole was successfully drilled to a depth of 50 feet.

