



## Utilities Department Memorandum

TO: Honorable Mayor and Council

FROM: Cástulo R. Estrada, Utilities Director

DATE: January 22, 2026

SUBJECT: Quarterly Activity Report (October 2025 to December 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><i>Description</i></b>	<b><i>Value</i></b>
Total -Water Production (Oct to Dec) (MG)	615.33
Chlorine Consumption (Gallons)	2100
Monthly Bac-T Samples Collected (Distribution System)	169
Quarterly Wells Sampled	5
Valves Repaired/Replaced	0
Underground Service Alerts	88
Standby Service Calls	83
Water Service Leaks	20
Main Leaks	1
Non Responsive Meters Cycle One	560
Non Responsive Meters Cycle Two	797
Meter Replacements	14
Hydrant Replacements	3
Delinquency Turn Offs	154
<b>Well Depths Monitored – 12/2025</b>	
Well No. 10 Depth (feet,) SWL	29.5’
Well No. 11 Depth (feet,) SWL	74.3’
Well No. 12 Depth (feet,) SWL	83.6’
Well No. 16 Depth (feet,) SWL	30’
Well No. 17 Depth (feet,) SWL	69.9’
Well No. 18 Depth (feet,) SWL	73’
Well No. 19 Depth (feet,) PWL	134.6’
<b>Annual Production</b>	
2025 Total Current Production (MG) JAN 2025 to DEC 2025	2117.79
2024 Annual (MG)	2340.7

**Coachella Sanitary District:**

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 **2<sup>nd</sup> Quarter of October, November & December 2025**. A total of 280.912 MG of wastewater was received at the Wastewater Plant. With an average daily flow of 3.053 MGD. The Plant treated a total of 257.674 MG. A total of 310 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)	93.637
Influent Ave. Daily Flow (MGD)	3.053
Total Effluent per Month (MG)	85.891
Effluent Ave. Daily Flow (MGD)	2.801
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	0
Permit Violations	0
Hypochlorite Consumption (Gallon)	13,574
Sodium Bisulfite Consumption (Gallon)	5,000
Odor Complaints	0
Samples Collected This Quarter (Plant)	310
Stand-By Calls	19
State & EPA Reports Completed/Submitted	Yes

<b>Collection System &amp; Pump Stations Highlights</b>	
<i>Description</i>	<i>Value</i>
Underground Service Alert	330
Collection System Cleaning (feet)	126,053
Manhole Inspection/Cleaning	208
Collection System Spills	1
Collection System Blockages	1
Collection System CCTV Inspection (feet)	841
Samples Collected (Field)	0
Pump Station Alarms	4
Wet Well Cleaning	1
Wet Well/Lift Station Inspections	55
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 48 Industrial and Food Service Establishment Inspections
- Issued 8 enforcement violations
- Assist Development Services in reviewing plans pertaining to the Environmental Division
- Monitored Coachella Valley Storm Channel stormwater outfalls

### **Engineering:**

#### **Chromium-6 Project**

- Representatives from other agencies visited the pilot site to observe the setup and progress of the pilot test.
- The pilot test at Well 19 was completed in September, and coordination began for pickup of the pilot system.
- CWA staff visited other agencies' well sites to tour treatment facilities. While not specific to chromium treatment, these visits provided valuable visual references for potential future Chromium VI treatment system layouts and space requirements.
- In October staff began preparing a proposal to retain a consultant to develop the environmental documentation package for the Chromium VI project.
- A meeting was scheduled in October with a consultant to assist City staff with drafting the site layout and conducting a well site visit for implementation of the Chromium VI treatment system.
- Preparation of Chromium VI resolutions required for the Drinking Water State Revolving Fund (DWSRF) application began.
- Meetings were held with the consultant to review the preliminary design report.
- Coordination continued with the State to advance the Drinking Water State Revolving Fund (DWSRF) technical package.
- Required documents were gathered to initiate the environmental documentation package for the Chromium VI project.
- A resolution for the Chromium VI funding application was scheduled for City Council consideration on December 10.
- Chromium VI public notices were prepared for distribution to residents on December 12.

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

- Onsite sewer construction activities continued through September.
- Preparations began for lift station dewatering.
- The State conducted a project site visit to discuss project-related items and tour the site to review construction progress.

- An on-site meeting was held with Riverside County to review the schedule and slurry seal activities on Shady Lane and 54th Avenue.
- A survey request was submitted for onsite water main and fire hydrant locations.
- The FBA scope of work began being amended to include the relocation of the irrigation line needed for off-site water and sewer connections to the 54th Avenue mainline.
- Van Dyke continued excavation and installed piping, tracer wire, and hydrant tees on the onsite water mainline.
- Van Dyke installed onsite water services and service boxes in November.
- Replacement work on the CVWD irrigation line was completed in December.
- The quarterly report was submitted to the State.
- An IID application for the lift station was submitted in December.

### Headworks Project

- Submittal 1.3 was received from Cora and staff reviewed the submittal.
- A Request for Information (RFI) regarding software access was received in October.
- The contractor submitted Submittal 5 (Control Cable) and Submittal 6 (Sealing Fitting) for review.
- The project team met on November 10 to discuss the RFI and reached a conclusion.
- City staff met with the consultant regarding RFI No. 4 to discuss access to City software.
- Coordination continued with the consultant to establish remote login access to the City's software system.

### Well 20 Project

- Southwest experienced delays in mobilizing the drilling rig onsite; an updated schedule was requested in September.
- The application for temporary onsite power was approved by IID, and staff awaited confirmation of a conduit installation start date.
- Southwest mobilized drilling equipment and rig onsite.
- CEQA documents were filed with the County.
- Power Plus installed a temporary power meter onsite.
- Power Plus prepared to install conduit to the onsite mobile office.
- Southwest provided an updated construction schedule.
- The City scheduled a meeting with Southwest to discuss project coordination and progress.
- Power Plus completed installation of conduit to the onsite mobile office.

### Well 16 Project

- City staff began preparing a Request for Quotation (RFQ) for a new pump at Well 16.
- The RFQ will be distributed to three qualified vendors to provide proposals for supplying a new well pump and associated in-well piping.
- Pump options under evaluation include a vertical shaft turbine pump or a submersible pump capable of producing up to 1,500 gallons per minute.