



Utilities Department
 53462 Enterprise Way
 Coachella, CA 92236

Quarterly Activity Report (January 2026 - March 2026)

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.

Coachella Water Authority Production and Distribution Highlights	
<i>Description</i>	<i>Value</i>
Total -Water Production (Jan to Mar) (MG)	497.06
Chlorine Consumption (Gallons)	2729
Monthly Bac-T Samples Collected (Distribution System)	169
Quarterly Wells Sampled	5
Valves Repaired/Replaced	0
Underground Service Alerts	163
Standby Service Calls	42
Water Service Leaks	21
Main Leaks	1
Non Responsive Meters Cycle One	591
Non Responsive Meters Cycle Two	804
Meter Replacements	19
Hydrant Replacements	1
Delinquency Turn Offs	73
Well Depths Monitored – 03/2026	
Well No. 10 Depth (feet,) SWL	31'
Well No. 11 Depth (feet,) SWL	83'
Well No. 12 Depth (feet,) SWL	84'
Well No. 16 Depth (feet,) SWL	31'
Well No. 17 Depth (feet,) PWL	119'
Well No. 18 Depth (feet,) SWL	85'
Well No. 19 Depth (feet,) SWL	105'
Annual Production	
2026 Total current production (MG) Jan 2026 to Mar 2026	497.06
2025 Annual (MG)	2117.79

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 **3rd Quarter - January, February & March 2026**. A total of 275.484 MG of wastewater was received at the Wastewater Plant. With an average daily flow of 3.058 MGD. The Plant treated a total of 243.147 MG. A total of 280 samples were collected at the Plant for monitoring.

Water Reclamation Facility – 87075 Avenue 54th	
<i>Description</i>	<i>Value</i>
Total Influent per month (MG)	91.828
Influent Ave. Daily Flow (MGD)	3.058
Total Effluent per month (MG)	81.049
Effluent Ave. Daily Flow (MGD)	2.820
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	0
Permit Violations	0
Hypochlorite consumption (Gallon)	9,287
Sodium Bisulfite consumption (Gallon)	4,780
Odor complaints	0
Samples collected this quarter (Plant)-	215
Stand-By Calls	20
State & EPA Reports completed/submitted	Yes

Collection System & Pump Stations Highlights	
<i>Description</i>	<i>Value</i>
Underground Service Alert	308
Collection System Cleaning (feet)	100,392
Manhole Inspection/Cleaning	152
Collection System Spills	0
Collection System Blockages	0
Collection System CCTV Inspection (feet)	0
Samples Collected (Field)	0
Pump Station Alarms	9
Wet Well Cleaning	1
Wet Well/Lift Station Inspections	56
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/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 44 Industrial and Food Service establishment inspections.
- Issued 7 enforcement violations.
- Assist Development Services in reviewing plans pertaining to the Environmental Division.
- Monitored Coachella Valley Storm Channel Stormwater outfalls.

Engineering:

Chromium-6 Project

- The draft Preliminary Design Report was received, and comments were provided to the consultant.
- Quarterly Chromium 6 samples are being collected from all wells for reporting to the Water Board.
- The quarterly certification form is being prepared, as requested by the Water Board, in conjunction with the quarterly public notification.
- The sewer system hydraulic model is currently being run to evaluate three potential approaches for handling backwash discharges from the wells once treatment systems are operational.
- Efforts are underway to procure a consultant to provide environmental compliance support for the Chromium 6 application process.
- The project remains on schedule, with the final Preliminary Design Report anticipated by the end of the month.
- Coordination with the project consultant is ongoing to estimate required sewer flow rates from each well, assuming a maximized equalization (EQ) tank.
- Multiple operational scenarios have been evaluated, including simultaneous operation of two wells during the peak demand window (6:00 AM–10:00 AM).
- A technical memorandum outlining the projected impacts of well backwash on the sewer collection system has been received and is under review.
- Meetings were held with the consultant to review and prepare the Request for Proposal (RFP) for the Chromium Project.
- Meetings were also conducted with an environmental consultant to assist in preparing the required environmental documentation for the application.
- An overview of the project's estimated costs was provided.
- The final Preliminary Design Report was received from the consultant on March 12.
- Follow-up meetings were held to review updates and discuss the timeline for finalizing the RFP.
- An environmental proposal for the Chromium 6 project was received and is currently under review.
- The design Request for Proposal (RFP) was received on April 2 and is currently under review.

- A meeting has been scheduled with the environmental consultant to discuss their proposal and determine next steps.

Shady Lane Septic-to-Sewer and Water Project

- Van Dyke began preparing the interior of the lift station wet well for conduit installation and mounting hardware on January 5, 2026.
- Hydrant concrete pads and bollards were installed following excavation and post placement.
- Water service angle stops and boxes were installed, and trenches were backfilled in preparation for rough grading of the cul-de-sac roadway.
- Blow-offs were installed at Avenue 54 and at the east end of the cul-de-sac.
- Excavation along the west side of Shady Lane was completed for asphalt patching, and the area was prepared for paving.
- Shady Lane was prepared for grind-and-overlay work.
- Excavation and trench patching at the intersection of Avenue 54 and Shady Lane were completed.
- Chain-link fencing installation continued, and portions of on-site curb were formed and poured.
- Asphalt and trench patch areas north of the mobile home park entrance were cleaned, and two manhole lids were adjusted to final grade.
- Electrical crews initiated installation of wet well utility conduits and support struts.
- Coordination between Van Dyke and electrical crews continued for installation of conduits, equipment, and control pads, along with completion of pipe connections into the wet well and backfilling of associated trenches.
- Grading and assembly of wet well equipment pads continued, and the equipment vault was installed.
- The remaining force main sewer segment was tied into the wet well, and trench backfilling to the vault area was completed.
- The wet well area was cleaned and prepared for on-site grading activities.
- Field verification identified discrepancies between curb/gutter elevations and sewer manhole elevations; adjustments were made by replacing the 36-inch cone with a 24-inch cone to achieve proper alignment.
- Waterproofing and joint sealant were applied to the new cone, and replacement of side sewer cleanout lids is underway.
- Pipe connections into the wet well vault were completed and grouted.
- Fencing at the wet well site and gates at the east end of the cul-de-sac were installed.
- Fine grading and aggregate base installation began at the wet well lot, along with forming of manhole collars.
- Manhole collars on Shady Lane were raised and formed, and work at the east end of the cul-de-sac was completed.
- Sewer trench excavation and patching north of the project site were completed.
- Aggregate base was imported and graded within the wet well yard.
- Installation of the wet well eyewash and shower station began.
- Water valve adjustments were performed in preparation for concrete placement, while grading and base rock installation continued for mobile home unit pads.
- Concrete pads were poured for irrigation and the community center backflow device. Mobile home unit assembly and delivery continued.
- Asphalt was placed at the lift station to serve as a driveway, and concrete collars were raised and poured for four sewer manholes in accordance with City standards.

Well 20 Project

- Southwest commenced 24-hour drilling operations on January 5, 2026, with soil samples collected at 10-foot intervals.
- A borehole alignment survey was conducted at 650 feet using a Totco digital inclinometer.
- Subsurface conditions included clay layers at 880–910 feet, 930–940 feet, and 950–970 feet; well-graded sand at 910–930 feet and 940–950 feet; and coarser sand and gravel at 980–990 feet and 1,000–1,020 feet.
- Total borehole depth (1,300–1,330 feet) was reached on January 12, 2026.
- A geophysical survey was completed on January 13, followed by preparation for zone testing.
- Laboratory results for Zones 3 and 4 remained pending, delaying final screen and casing decisions.
- The consultant and City continued coordination to finalize well design details.
- Drilling activities were temporarily paused pending test results, with return to site anticipated by month's end.
- Filter pack design and screened zones were reviewed in coordination with the consultant.
- The final Well Design Report was submitted on February 18.
- Southwest remobilized on February 24, reassembled the drill rig, and resumed operations.
- Filter pack materials were delivered on February 23, with additional tubing deliveries following.
- An updated project schedule was received.
- Temporary tremie pipe installation and drilling fluid circulation were completed to maintain borehole stability.
- Well casing and accessory tubing installation were completed on March 2, 2026.
- Installation included 18-inch diameter casing, 3-inch stainless steel gravel feed tube, and well screen sections.
- Filter pack placement was completed using tremie methods and disinfected during installation.
- Annular seal placement with cement was completed on March 6, 2026.
- Well development activities included airlift cleaning, mechanical development, and dual-swab methods, with continuous monitoring of turbidity and sand content.
- Chlorination and subsequent removal were successfully completed, with non-detectable chlorine levels confirmed.
- Polymer dispersant treatment and removal were also completed, with no residuals detected in discharge.
- Sodium thiosulfate was applied to discharge water prior to sewer release.
- Mechanical development has been completed, and drilling equipment has been demobilized.
- Pumping equipment mobilization is scheduled, with pumping development set to begin on April 13.
- Preparation of the first-quarter progress report for submittal to the Department of Water Resources is currently underway.