



Utilities Department Memorandum

TO: Dr. Gabriel Martin, City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: July 21, 2021

SUBJECT: Quarterly Activity Report (March 2021 to June 2021)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for March through June 2021. 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, four (2) sewage pump stations, and over 1,580 manholes.

For the Fourth Quarter of April, May, & June 2021, almost 242.554 MG of wastewater was received at the wastewater plant or average daily flow of 2.665 MGD. The plant treated a total of 201.593 MG. A total of 263 samples were collected at the plant for monitoring.

Water Reclamation Facility – 87075 Avenue 54	
<i>Description</i>	<i>Value</i>
Total Influent per month (MG)	80.853
Influent Ave. Daily Flow (MGD)	2.665
Total Effluent per month (MG)	67.197
Effluent Ave. Daily Flow (MGD)	2.214
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	9,600
Sodium Bisulfite consumption (Gallon)	10,900
Odor complaints	0
Samples collected this quarter (Plant)-	263
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	101
Collection System Cleaning (feet)	22,905
Manhole Inspection/Cleaning	78
Collection System Spills	None
Collection System Blockages	0
Stand-By Calls	3
Collection System CCTV Inspection (feet)	451
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	2
Wet Well Inspections	40

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 (Oct. to Dec.) (Million Gallons)	706.2
Chlorine Consumption (Gallons)	2,940
Water Quality complaints	0
Monthly Samples Collected	172
Valves Exercised	40
Valves Repaired/Replaced	0
Underground Service Alerts	31
Hydrants Flushed/Service	15
Standby Service Calls	12
Water Service Leaks	15
Main Leaks	1
Customer Service Calls	
Office work orders	367
Non-Reads	6597
Meter Replacements	250
Meter Repairs	15
Turn-Off	N/A
Turn-On	N/A
Delinquency Turn Off	0
State DDW Monthly Report Submitted	Yes
Well Depths Monitored	
Well No. 10 Depth (feet,)	33.9 ft.
Well No. 11 Depth (feet,)	127 ft.
Well No. 12 Depth (feet,)	83.2 ft.
Well No. 16 Depth (feet,)	-

Well No. 17 Depth (feet,)	102.4 ft.
Well No. 18 Depth (feet, bgs)	93.4 ft.
Well No. 19 Depth (feet, bgs)	148 ft.
Annual Production	
2020 Annual (MG)	2351.86
2019 Annual (MG)	2221.26

Environmental/Regulatory Division:

The Environmental/Regulatory Division of the Utilities Department is responsible for areas relating directly to water, wastewater, stormwater, and air quality protection. Initial focus is aimed at the National Pollutant Discharge Elimination System (NPDES) Industrial Wastewater Pretreatment program – known as Source Control. This program provides for the auditing and or permitting, monitoring, and enforcement of our local City Ordinance. The following quarterly report will detail activities for the previous quarter. The following list of activities and or tasks assigned:

Coachella Water Tasks

- Turf Program- Sent out news release for Prop 1 Grant for conservation program – turf and conservation rebates available– revised application and website have been updated;
- **Rebates Completed since relaunch:**
 - 16 turf projects
 - 2 toilets
 - 1 smart controller
- Updated the outreach materials for rebate programs and
- Attended via WebEx, the CVRWGMG Business Meeting– discussions included status updates for Coachella Valley IRWM Program; specifically Stormwater Resource Plan and Prop 1 Stormwater Grant
- Continued review of CV Water Counts campaign; online and print ads for both English and Spanish language outlets;
- 2020 CCR is online <https://www.conservecoachella.com/2020-ccr/> and hard copies are available upon request.
- Attended various DWR webinars for water conservation.
- Completed CWA’s America’s Water Infrastructure Act (AWIA) Assessment–certification needed to complete the report
- Attended via teleconference the Coachella Valley SWRP Implementation meeting to get updates for Plan;

Coachella Sanitary Tasks

- Continuing data entry from survey(s) and site inspections information into Source Control database
- Review and comments for various RAC from Planning Dept.;
- Attended the Kickoff Meeting: Coachella Valley SNMP Development Workplan
- Environmental Compliance has postponed all onsite inspection until further notice but will respond to all urgent compliance issues; windshield inspection will be scheduled as needed; onsite sampling also suspended;

Public Works Tasks

- Attended monthly Desert Task MS4 NPDES meetings in Via Zoom meeting – discussions included Regional Board’s permit renewal updates and new regulation that may be implemented in the WWR NPDES permit
- Reviewed/commented various WQMP for construction projects;
- Drafting the Annual Report FY 20-21 for WWR NPDES – coordinating with Engineering and Streets for data
- Attended monthly Coachella Valley Environmental Justice Enforcement Task Force Meetings;

Intern Program:

The Utilities Department Intern Program was established on December 2012. The program assigns responsibility to provide expertise and guidance to the incumbent and technical assistance to the various divisions within the Department and the public. Incumbent is assigned tasks accordingly to promote career growth and is under the general supervision of the Utilities Manager.

- Program is currently suspended