



Utilities Department Memorandum

TO: William B. Pattison, Jr., City Manager

FROM: Cástulo R. Estrada, Utilities Manager

DATE: January 20, 2021

SUBJECT: Quarterly Activity Report (Oct 2020 to Dec 2020)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for October through December 2020. The following report summarizes activities and significant achievements for the Coachella Sanitary District and Coachella Water Authority divisions of the Utilities department.

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	
<i>Description</i>	<i>Value</i>
Total -Water Production (Oct to Dec) (Million Gallons)	560.24
Chlorine Consumption (Gallons)	2,370
Water Quality complaints	1
Monthly Samples Collected	156
Valves Exercised	32
Valves Repaired/Replaced	0
Underground Service Alerts	25
Hydrants Flushed/Service	10
Standby Service Calls	18
Water Service Leaks	15
Main Leaks	1
Customer Service Calls	
Office work orders	363
Non-Reads	6723
Meter Replacements	240
Meter Repairs	12
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,)	
Well No. 11 Depth (feet,)	-
Well No. 12 Depth (feet,)	-
Well No. 16 Depth (feet,)	-
Well No. 17 Depth (feet,)	-
Well No. 18 Depth (feet, bgs)	-
Well No. 19 Depth (feet, bgs)	-
Annual Production	
2019 Annual (MG)	2221.26
2018 Annual (MG)	2327.23

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 (4) sewage pump stations, and over 1,580 manholes.

For the Second Quarter of October, November, & December 2020, almost 252.157 MG of wastewater was received at the wastewater plant or average daily flow of 2.805 MGD. The plant treated a total of 206.912 MG. A total of 334 samples were collected at the plant for monitoring.

Water Reclamation Facility – 87-075 Enterprise Way	
<u>Description</u>	<u>Value</u>
Total Influent per month (MG)	86.052
Influent Ave. Daily Flow (MGD)	2.805
Total Effluent per month (MG)	68.970
Effluent Ave. Daily Flow (MGD)	2.248
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	13,709
Sodium Bisulfite consumption (Gallon)	5,733
Odor complaints	0
Samples collected this quarter (Plant)-	334
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	51
Collection System Cleaning (feet)	29,738
Manhole Inspection/Cleaning	92
Collection System Spills	None

Collection System Blockages	0
Stand-By Calls	8
Collection System CCTV Inspection (feet)	None
Samples Collected (Field)	None
Pump Station Alarms	4
Wet Well Cleaning	None
Wet Well Inspections	36

Environmental/Regulatory Division:

The Environmental/Regulatory Division of the Utilities Department is responsible for areas relating directly to water conservation regulations, 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 – turf and conservation rebates relaunch complete and programs are online and application accepted
- Processing applications for Prop 1 turf rebate conservation program – bill inserts promoting the conservation program were mailed out in the last 2 billing cycles; 10 applications have been approved for the program and 5 have been dropped off to residents requesting applications- information can be found here: <https://www.conservecoachella.com/conserve-coachella/#programs>
- Added new promotions for program to City’s Nextdoor page
- Attended via WebEx, the CVRWMG 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 2020 campaign; online and print ads for both English and Spanish language outlets;
- Attended DWR Water Loss Monthly Webinar Series #3
- Attended the 2020 Urban Sustainability Symposium – covered current and future water supply
- Finalized outreach for Lead and Copper customers to ensure sampling is complete;
- Attended CVRWMG Business Meeting- discussions included Proposition 1 Round 1 – Grant Award
- 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.;
- Review of State Water Board *PFAS Investigative Order*- CSD is listed and has collected quarterly sampling
- Attended Coachella Valley SNMP Development Workplan meeting updates

- Review of Coachella Bar's tenant improvement project of Old Firehouse – pilot project considered
- 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

- Uploaded latest PROJECT 5 CEQA Memos for City of Coachella updates from legal;
- Attended monthly Desert Task MS4 NPDES meetings in Via Zoom meeting – discussions included updates for Trash TMDL
- Finalized draft of Annual NPDES MS4 report
- Reviewed/commented various WQMP for construction projects;
- Attended monthly Coachella Valley Environmental Justice Enforcement Task Force Meetings;
- Updated and forwarded to Fleet the CARB registration for standby generator
- Conducted review of Waste Reduction & Recycling for Pueblo Viejo Villas
- Issued noncompliance letter to Redstone Marble on 86705 Ave 54 for stormwater violation
- Preparing for the Industrial General Permit Qualified Industrial Stormwater Practitioner (QISP) exam

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