



Utilities Department Memorandum

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

FROM: Cástulo R. Estrada, Utilities Manager

DATE: April 21, 2021

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

The City of Coachella Utilities Department is submitting the Quarterly Activity report for January through March 2021. 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)	446.16
Chlorine Consumption (Gallons)	1575
Water Quality complaints	1
Monthly Samples Collected	172
Valves Exercised	45
Valves Repaired/Replaced	0
Underground Service Alerts	21
Hydrants Flushed/Service	18
Standby Service Calls	10
Water Service Leaks	14
Main Leaks	2
Customer Service Calls	
Office work orders	430
Non-Reads	7007
Meter Replacements	380
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,) SWL	30.2 ft.
Well No. 11 Depth (feet,) PWL	126 ft.
Well No. 12 Depth (feet,) SWL	69.6 ft.

Well No. 16 Depth (feet,)	-
Well No. 17 Depth (feet,) PWL	132 ft.
Well No. 18 Depth (feet, bgs) SWL	72 ft.
Well No. 19 Depth (feet, bgs) PWL	136 ft.
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 Third Quarter of January, February, & March 2021, almost 250.464 MG of wastewater was received at the wastewater plant or average daily flow of 2.800 MGD. The plant treated a total of 203.695 MG. A total of 305 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)	83.488
Influent Ave. Daily Flow (MGD)	2.800
Total Effluent per month (MG)	67.898
Effluent Ave. Daily Flow (MGD)	2.263
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	13,850
Sodium Bisulfite consumption (Gallon)	5,733
Odor complaints	0
Samples collected this quarter (Plant)-	305
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	95
Collection System Cleaning (feet)	19,832
Manhole Inspection/Cleaning	56
Collection System Spills	None
Collection System Blockages	0
Stand-By Calls	4
Collection System CCTV Inspection (feet)	1,400
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	1
Wet Well Inspections	39

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– program has revised and updated forms and website;
- 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 campaign; online and print ads for both English and Spanish language outlets; Attended and presented at the Water Counts Academy (virtual format)
- Attended various DWR webinars for water conservation.
- Attended Water Agency Messaging Webinar by Probolsky Research;
- Forwarded notification for AWIA Assessment and Response Plan deadlines to UM

- 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.;
- Conference call with Coachella Bar - Grease Trap Pilot Program Coachella Bar tenant improvement for old Fire Station location;
- Attended and moderated with State Cannabis regulatory staff, networking roundtable covering cannabis at CWEA 2021 Pretreatment, Pollution Prevention and Stormwater virtual conference; survey stated most wastewater treatment agencies are allowing discharge of wastewater generated from indoor cultivation – *the City is the only Valley wastewater treatment plant that accepts wastewater from cultivation- all others require containment and haul-off – monitoring data shows very low impacts from cultivation; data also shows water consumption trends along with most residential customers;*
- Submitted fee calculation for sewer capacity for various projects
- Submitted various response Public Records Requests to City Clerk
- Attended various meetings for 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: review upcoming regulations for MS4 and WWTP ;
- Uploaded and forwarded the latest PROJECT 5 CEQA Memos for City of Coachella updates from legal;
- Attended CalRecycle public meeting
- Finalized and submitted the Annual NPDES MS4 report
- Reviewed/commented various WQMP for construction projects;
- Attended monthly Coachella Valley Environmental Justice Enforcement Task Force Meetings;
- 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

