



## Utilities Department Memorandum

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

FROM: Cástulo R. Estrada, Utilities Manager

DATE: October 16, 2019

SUBJECT: Quarterly Activity Report (July 2019 to September 2019)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for July through September 2019.

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

For the Third Quarter of July, August, & September 2019, almost 241,178 MG of wastewater was received at the wastewater plant or average daily flow of 2.622 MGD. The plant treated a total of 180.694 MG. A total of 220 samples were collected at the plant for monitoring.

<b>Water Reclamation Facility – 87-075 Enterprise Way</b>	
<u>Description</u>	<u>Value</u>
Total Influent per month (MG)	80.392
Influent Ave. Daily Flow (MGD)	2.622
Total Effluent per month (MG)	60.231
Effluent Ave. Daily Flow (MGD)	1.974
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	15,000
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	1
Samples collected this quarter (Plant)-	220
State Report completed/submitted	Yes

<b>Collection System &amp; Pump Stations Highlights</b>	
<u>Description</u>	<u>Value</u>
Underground Service Alert	56
Collection System Cleaning (feet)	23,293
Manhole Inspection/Cleaning	31
Collection System Spills	None
Collection System Blockages	0
Stand-By Calls	5

Collection System CCTV Inspection (feet)	200
Samples Collected (Field)	None
Pump Station Alarms	1
Wet Well Cleaning	None
Wet Well Inspections	45

**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.

<b>Coachella Water Authority Production and Distribution Highlights</b>	
<i>Description</i>	<i>Value</i>
Total -Water Production (July to Sept.) (Million Gallons)	700.7
Chlorine Consumption (Gallons)	2100
Water Quality complaints	1
Monthly Samples Collected	180
Valves Exercised	46
Valves Repaired/Replaced	2
Underground Service Alerts	11
Hydrants Flushed/Serviced	6
Standby Service Calls	31
Water Service Leaks	26
Main Leaks	1
<b>Customer Service Calls</b>	
Office work orders	358
Non-Reads	2298
Meter Replacements	42
Meter Repairs	10
Turn-Off	N/A
Turn-On	N/A
Delinquency Turn Off	483
State DDW Monthly Report Submitted	Yes
<b>Well Depths Monitored</b>	
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)	-
<b>Annual Production</b>	
2017 Annual (MG)	2221.26
2018 Annual (MG)	2327.23

**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- Closed the Prop 84 Round 3 grant program. CWA submitted a Prop 1 grant in the CVRWGMG application - program will be relaunched upon award of grant or other funding outlets.
- Continued review of CV Water Counts 2019 campaign; online and print ads for both English and Spanish language outlets;
- Assisted Senior Water Worker with submittal of 3<sup>rd</sup> Quarter 2019 DBPR; monthly total coliform and TCR reports;
- Attended the SWRCB's Webinar on Urban Water Supplier Monthly Reports – reports will be streamlined
- Distributed at city offices the 2018 Consumer Confidence Report/Water Quality Report
- Coordinated transition of analytical services to BSK Laboratory;
- Attended the 4th of July event Bagdouma Park – featured water tank/water bottles
- Coordinated setup for El Grito outreach booth – staff provided reusable mood cups, flyer for payment assistance program and promotional materials for TT&C event;

### **Coachella Sanitary Tasks**

- Closed out the Prop 84 Round 2 grant Recycled Water Feasibility Study project – awaiting release of retention;
- Continued scheduling for facilities of concern based on MS4 and Source Control program using Remote Inspector software;
- Review and comments for various RAC from Planning Dept.;
- Submitted the Annual Industrial General Permit report for Sanitary Plant;
- Submitted approval letters for new restaurants starting operations in the service area; waivers were approved for facilities that met the criteria.
- Attended webinar training for Municode;- transition from Sire to new agenda management system

### **Public Works Tasks**

- Attended monthly Desert Task MS4 NPDES meetings in Palm Desert – discussions included requirement to notify businesses to enroll in IGP program and verification of SWPPP
- Packaged and shipped battery collection from residential program;
- Submitted the Technical Report for the Statewide Trash TMDL for the City's MS4 program;
- Conducting stormwater inspection at various locations throughout the City;
- Reviewed/commented various WQMP for construction projects
- Conducted training to staff for municipal facilities pollution prevention plan for MS4 permit requirements – conducted onsite inspection at the Corporate Yard and provided corrections needed for compliance with NPDES permit.

### **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 General Manager.

- Program is currently suspended