



Utilities Department Memorandum

TO: William B. Pattison, Jr., City Manager
FROM: Cástulo R. Estrada, Utilities Manager
DATE: January 15, 2020
SUBJECT: Quarterly Activity Report (October 2019 to December 2019)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for October through December 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 Quarter of April, May, & June 2019, almost 252,054 MG of wastewater was received at the wastewater plant or average daily flow of 2.802 MGD. The plant treated a total of 183.475 MG. A total of 221 samples were collected at the plant for monitoring.

Water Reclamation Facility – 87-075 Enterprise Way	
<i>Description</i>	<i>Value</i>
Total Influent per month (MG)	84.018
Influent Ave. Daily Flow (MGD)	2.802
Total Effluent per month (MG)	61.158
Effluent Ave. Daily Flow (MGD)	2.040
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	
Sodium Bisulfite consumption (Gallon)	5,000
Odor complaints	None
Samples collected this quarter (Plant)-	221
State Report completed/submitted	Yes
Locally generated Solar electricity	N/A –project dismantled

Collection System & Pump Stations Highlights	
<i>Description</i>	<i>Value</i>
Underground Service Alert	16
Collection System Cleaning (feet)	23,454
Manhole Inspection/Cleaning	36
Collection System Spills	None
Collection System Blockages	1
Stand-By Calls	7
Collection System CCTV Inspection (feet)	None
Samples Collected (Field)	None
Pump Station Alarms	2
Wet Well Cleaning	None
Wet Well Inspections	44

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)	482.43
Chlorine Consumption (Gallons)	1500
Water Quality complaints	2
Monthly Samples Collected	172
Valves Exercised	29
Valves Repaired/Replaced	1
Underground Service Alerts	18
Hydrants Flushed/Serviced	25
Standby Service Calls	83
Water Service Leaks	20
Main Leaks	0
Customer Service Calls	
Office work orders	320
Non-Reads	2501
Meter Replacements	72
Meter Repairs	10
Turn-Off	N/A
Turn-On	N/A
Delinquency Turn Off	287
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	
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- Prop 84 Round 3 grant program was completed June 24th. CWA has submitted for funding in the Prop 1 grant submitted with the CVRWGMG application and program will be relaunched upon award of grant
- Continued review of CV Water Counts 2019 campaign; online and print ads for both English and Spanish language outlets;
- Generated a monitoring/sampling schedule for Division to assist with tracking of sampling events;
- Submitted CWA's annual report via the online Electronic Annual Reporting (eAR) system
- Drafted and submitted 2nd Quarter 2019 DBPR; monthly total coliform and TCR reports for distribution system to DDW;
- Continued submittal of monthly water production reports for Urban Conservation requirements;
- Completed the 2018 Consumer Confidence Report/Water Quality Report;
- Presented water conservation outreach at Library for Earth Day presentation April 22nd
- Presented water conservation outreach at Suavecito Sunday May 5th.
- Attended the SoCal Cannabis Summit with a CWA booth- offered water bottles and infused water;

Coachella Sanitary Tasks

- Closed out the Prop 84 Round 2 grant Recycled Water Feasibility Study project – Compiled the Recycled Water Study Deliverables to release retention;
- Continued scheduling for facilities of concern based on MS4 and Source Control program using Remote Inspector software;
- Conducted inspections of and compiled consumption reports for Ag Line users- will be reclassified as industrial once Ag Line is bypassed and connected to regular sewer system;
- Working with cannabis users to schedule sample collection with laboratory;
- Review and comments for various RAC from Planning Dept.;
- Met with UM and Sanitary Superintendent to discuss high frequency cleaning areas to determine impact of FOG from FSEs.
- Submitted the Annual Industrial General Permit report for Sanitary Plant

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;
- Finalized 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

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