



Utilities Department Memorandum

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

FROM: Cástulo R. Estrada

DATE: July 15, 2020

SUBJECT: Quarterly Activity Report (April 2020 to June 2020)

The City of Coachella Utilities Department is submitting the Quarterly Activity report for April through June 2020. 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 2020, almost 250.060 MG of wastewater was received at the wastewater plant or average daily flow of 2.748 MGD. The plant treated a total of 193.284 MG. A total of 261 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)	83.353
Influent Ave. Daily Flow (MGD)	2.748
Total Effluent per month (MG)	64.428
Effluent Ave. Daily Flow (MGD)	2.123
Plant Permitted Capacity (MGD)	4.5
Operational Upsets	None
Permit Violations	None
Hypochlorite consumption (Gallon)	15,000
Sodium Bisulfite consumption (Gallon)	5,724
Odor complaints	0
Samples collected this quarter (Plant)-	261
State Report completed/submitted	Yes

Collection System & Pump Stations Highlights	
<u>Description</u>	<u>Value</u>
Underground Service Alert	2
Collection System Cleaning (feet)	1,600
Manhole Inspection/Cleaning	3
Collection System Spills	None
Collection System Blockages	0
Stand-By Calls	7
Collection System CCTV Inspection (feet)	None
Samples Collected (Field)	None
Pump Station Alarms	0
Wet Well Cleaning	None
Wet Well Inspections	39

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)	641.22
Chlorine Consumption (Gallons)	2,905
Water Quality complaints	2
Monthly Samples Collected	168
Valves Exercised	41
Valves Repaired/Replaced	0
Underground Service Alerts	22
Hydrants Flushed/Service	12
Standby Service Calls	9
Water Service Leaks	20
Main Leaks	1
Customer Service Calls	
Office work orders	487
Non-Reads	5149
Meter Replacements	14
Meter Repairs	21
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,)	29.80 ft
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)	2216.48

Projects:

- **Vista Escondida**

- Water shut down to extend water services
- The following ¾” smart allegro water meters have been inspected and accepted during this period

Lot #	Address	Meter #	Meter I.D.
124	53-865 Calle Ruiz	20069161	02204572
123	53-873 Calle Ruiz	20069165	02210869
122	53-881 Calle Ruiz	20069162	02208573
121	53-889 Calle Ruiz	20069163	02208198
120	53-897 Calle Ruiz	20069166	02212003
119	53-901 Calle Ruiz	20069164	02205042

- **Prado**

Lot #	Address	Meter #	Meter I.D.
50	84419 Da Vinci Dr	20069182	02221206
47	84449 Da Vinci Dr	20069179	02204702

- **Coachella Valley Water District – Coachella Campus**

- Met to discuss connecting the CVWD Coachella campus to the City’s water system for fire protection
- Ready to move forward with phase 1, installation of Fire Detector Check

- **Airport Blvd Business Park**

- Met with CVWD to discuss project approach

- **Advanced Meter Infrastructure Project**

- Conference call with Bureau of Reclamation regarding extension of Agreement R17AP0188
- Submitted Extension Request
- Submitted Financial Report requesting \$42,385.00 in reimbursement
- Submitted Performance Report
- Updated Project Schedule
- Documents to be reviewed by BOR Grants Office
- BOR Grants Office executed R17AP00188 Mod 002 for purposes of extending the period of performance.

- **Indio Subbasin Groundwater Sustainability Agency**

- 2022 Indio Subbasin Alternative Plan Update
 - Discussed Model Documentation and Update Status
 - Discussed Hydrological Conceptual Model
 - Discussed Demand Forecasts
 - Discussed Supply Analysis Approach
 - Discussed Plan Assessment
 - Discussed Communication and Outreach
- Workshop #2 PPT Review
 - Attended Public Workshop #2

- **Coachella Valley Salt and Nutrient Management Plan**
 - Regional Board requires work plan by December 2020
 - CVWD to Draft an MOU with collaboration
 - Coachella (City) suggested cost split similar to Regional Urban Water Management Plan Update
 - Reviewed Scope of Work for Developing the Workplan
 - Reviewed Proposal Evaluation Worksheet
 - Received three (3) proposals
 - Review period for agencies to evaluate and score proposals June 10-June 24
 - Proposals scoring and selection meeting – June 24

- **Shady Lane Water & Sewer Consolidation Projects**
 - Coordination with City and project team; via bi-weekly email updates
 - Coordination with SWRBC for DWSRF and CWSRF applications
 - Reviewed the DWSRF Engineering Report and provided comments
 - Received CWSRF Project Report for review
 - Preparing Consolidation Agreements
 - Discussed project with Caritas Corporation the non-profit that currently owns and operates the Shady Lane MHP
 - Discussed construction phasing with SWRCB, suggested we keep on-site and off-site work separate
 - SWRCB mentioned possibly 12 months before we receive a financial agreement, construction cannot begin until we have the financial agreement, it takes them about 12 months to review our application and associated attachments
 - Prepared Prop 84 Round 4 quarterly report and invoices for period covering January 1, 2020 – March 31, 2020 requested reimbursement for \$66,430.70
 - Call with Caritas and IID to discuss conduit layout and tie to proposed lift station
 - Call with CVWD to discuss water and sewer line crossing over their irrigation line on Ave 54
 - Continued to draft Technical Package Forms and attachments
 - Finalized Environmental Package Forms and attachments
 - Finalized Financial Package Forms and attachments
 - The Shady Lane MHP DWSRF and CWSRF application submittals are nearing completion
 - Only the Technical Package is yet to be submitted

- **Coachella Valley Regional Water Management Group**
 - Discussed Prop 84 Round 4 Grant Admin Update
 - Discussed Prop 1 DACI Grant Admin Update
 - Discussed Proposition 1 Implementation Grant Award Update
 - Castro's Mobile Home Park Project – Recommended to be fully funded at \$1.1 million
 - City recommended to receive approx \$200,000 for conservation efforts
 - Received Final Award Notification for Round 1 Proposition 1 Integrated Regional Water Management (IRWM) Implementation Grant, Colorado River Funding Area. Our group will receive \$3,825,383 of which \$1.4 million will come to our City.

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- program will be relaunched upon award of grant expected in June

- 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 2020 campaign; online and print ads for both English and Spanish language outlets; Submitted articles for e-newsletter for June- content Value of Water and Water Quality Reports;
- Attended via WebEx, CVAG - Energy & Environmental Resources Committee- discussions covered new Valley water conservation standard –requested CVAG contact CV Water Counts for guidance;
- Follow-up and updated EPA-CDX database with information for the Authority;
- Review of Water Authority’s compliance with SB 998 - Water Shutoff bill- will be adopted next Council mtg.
- Attended ACWA the LIVE Webinar – The Great Re-Set: Leading the Workplace Post COVID-19
- Compiling sampling data for 2019 annual consumer confidence report and finalized draft of water quality report/CCR;
- Attended AWWA webinar covering Legal Aspects of COVID-19 for Water Utilities;
- Requested and approved from CalWARN free FEMA PPE masks- distributed to staff;
- Reviewed the Request for Proposals - Coachella Valley Salt and Nutrient Management Plan Development Workplan
- Drafting 2019 Electronic Annual Report due in July
- Attending 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;
- Attended SeamlessDocs Webinar- discussion included COVID-19 Forms Examples;
- Attended team meeting to discuss RFP for Coachella Building Leasing Opportunities;
- Observed a RV Dump Station at Love’s Truck Stop that is not found in database; requested information from Building Department to determine if issued and approved- will need to determine appropriate fees;
- Issued newly revised 3-year permit to Imperial Western Products;
- Conducted scheduled onsite inspection for new restaurant at Avenue 49 and & Grapefruit Blvd.- generated approval letter to RivCoEh for grease interceptor;
- Review of P.0 plans for Borrego project- revised calculations of fixture counts based on plumbing plans
- Attended National Association of Clean Water Agencies (NACWA) webinar – May 12th Pretreatment Regulatory Update: What You Need to Know Now
- Attended NACWA webinar – May 13th Pretreatment for PFAS: On the Horizon?
- Submitted comments for RAC - PAR 20-02 (SoCal Pilot Training Center)
- Submitted California Environmental Reporting System (CERS) the annual certification report for WWTP and lift station;
- Presented City’s cannabis cultivation industry at the 2020 Pretreatment, Pollution Prevention & Stormwater conference January 27th
- Review and comments for various RAC from Planning Dept.;
- 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;
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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- Prop 1 Grant project list including Coachella’s Avenue 50 Storm Drain and Improvements for Existing Dry Well Located South of 52 Ave:- upcoming regulations for MS4 and WWTP ;
- Reviewed/commented various WQMP for construction projects;
- Meeting via WebEx with Flood Control to discuss whether there are WWR Funds to cover cost of Storm Water Grant Program;
- Submit Comment Letter to Regional Board documenting non-responsible party– 303(d) portion of the 2018 California Integrated Report (City of Coachella, California)
- Forwarded CEQA updates to Development Services department;
- Attended Coachella Valley Environmental Justice Enforcement Task Force Meeting – forwarded the CV SWRP Presentation Slides for State Grant for Stormwater;

- Follow-up second request for Public Records Request for closed Coachella Landfill (86969 Avenue 52) related to Desert Valley Dates acquisition;
- Forward BEP training records to Park Supervisor per onsite inspection with RivCo;
- Submitted to CVUSD the non-stormwater discharge form for CV High School Pool- draining to street
- 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 General Manager.

- Program is currently suspended