



# Operations Report

Month of Review: April 2020

### Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Rachel Pearlman, Administrative Services Technician
- Operation Supervisor

### Wastewater Treatment Plant Flows

Influent Totals From: April 2020	
Total	.0MG
High	.0MG
Low	.0MG
Average	.0 MG

Effluent Totals From Plant: April 2020	
Total	4.45 MG
High	.31 MG
Low	.09 MG
Average	.15 MG

Rainfall Totals at the Sewer Treatment Plant Month of April 2020	
Year	Total Rainfall-inches
2020	3.26 - (2.42 High)
2019	.81 - (0.22 High)
2018	2.96 - (1.40 High)
2017	5.09 - (1.58 High)
2016	3.05 - (1.10 High)
Current Season Total	22.30

Wasting Totals	
Total Inches	422
Total Pounds	6782

Reclamation Totals	
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

Active Sewer Accounts: 1558

## Activities at the Wastewater Treatment Plant

- Took weekly Bac-Ts and BOD of the Chlorine Contact Chamber (CCC) and sent into Aqua Lab for testing
- Completed monthly Wastewater Report and sent to the State Water Resources Control Board
- Completed daily rounds and Lab
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## Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
- Chemical flushed gravity sewer lines throughout the District for system maintenance
- Inspected and flushed problem manholes
- Hydro flushed multiple gravity lines throughout the District for system maintenance
- Inspected all gravity line manholes for LS 3, LS 4, LS 5 total of 102 MH opened and inspected.
- Removed down debris from LS 5, LS 11, and LS 15
- Fabricated new polymer mixer for STP
- Ran CCTV push camera to mark laterals for possible home build, 100 FT inspected
- Repaired Twin Pine easement gate
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## Treated Water Department

- Submitted monthly Water Treatment Report to State Water Resources Control Board
- Submitted monthly Conservation Report to State Water Boards
- Performed weekly checks and calibrations on all analyzers at 2G, BC, and AWS
- Performed monthly UV calibrations at 2G and BC
- Took weekly Treatment Plant samples and sent into Aqua Lab
- Took weekly distribution samples and sent into Aqua Lab
- Relocated exhaust fan for the UV room at Big Creek Treatment Plant

## Distribution Department

- Monitored/sample Distribution Tank as needed
- Read all District Water Meters
- Normal day to day: Trouble calls (low press/high press, no water, shut off for repairs etc.)

- Completed weekly checks on Tank 4, Highlands Pump stations (Building, Pneumatic Tank, Pumps and MCC Cabinet)
- Fabricated and installed new ARV & PRV enclosure on Big Creek Shaft Property
- Removed down tree blocking meter box on Nonpareil Road
- Investigated to possible water break, one on PO side and the other was a natural spring
- Replaced broken hydrant on Merrell Rd
- Repaired broken water Main line Flint Ct
- Worked to increase Tank 3 fill time through system valving
- Cleaned around multiple Fire Hydrants throughout the District
- Cleaned up down debris around Tank 3
- Installed Flume device on PO meter
- Removed winterizing sign and installed Conservation sign at MLP
- Repaired Altitude Valve vault sump pump at Tank 4
- Serviced LS 11 generator (oil, filters, inspection, etc.)

Meter Related Services	Total
Check/repair meter	1
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	1
Read tenant out	3
Re-Read	34
Turn off meter	2
Turn on meter	3
Test meter	2
<b>Total Distribution Issues</b>	<b>46</b>

**Active Water Accounts:3251**

Billed Consumption 2020		Gallons
Residential		5690620
Commercial		274860
Billed Consumption 2019		Gallons
Residential		4218472
Commercial		416500

## Construction and Maintenance

Description	Water	Sewer
Main line leaks	1	0
Main line break	0	0
Service leaks	0	0
Service breaks	0	0
Fire Hydrant replaced/repared	1	0
<b>Totals Per Service</b>	<b>2</b>	<b>0</b>

### Maintenance

- General yard maintenance around the District amenities (mow, weed eat, trash, debris removal, limb trees ETC)
- Cleaned around dumpster area and hauled cardboard to Moore Brothers
- Continued Maintenance shop clean up and tool room organization
- Adjusted power head on the Maintenance Shop Bay 2 rollup door
- Installed temporary fencing around the Park Playground for COVID-19
- Installed COVID-19 sign around District amenities
- Installed locks on Park garbage cans (trash bags were being stolen)
- Installed new door sweeps on Park Snack Shack
- Replaced PRV and Toilet flush valves at the Fire House
- Ran standby generators at BCTP, 2G, Tank 2 and STP
- Truck 7 – Replaced fuel pressure sensor; Replaced dipstick tube
- Truck 787 – Inspected for pump test; Took to Hi-Tech in Oakdale for pump testing
- Truck 788 – Inspected for pump test; Took to Hi-Tech in Oakdale for pump testing
- Truck 9 – Recommissioned as a back-up vehicle
- Truck 18 – Installed front bumper mount winch
- Truck 10 – Replaced brake light switch
- Truck 6 – Serviced; Replaced front brake pads; Rotated tires
- Truck 25 – Began diagnosing radio display screen issue
- Truck 17 – Performed exhaust cleaning
- Truck 15 – Cleaned spark plug
- Cleaned carburetor on small Honda Trash Pump
- Repaired flat tire on Backhoe

## Projects/Contract Work

- Vegetation removal
  - District Corp Yard by CAL-FIRE (Baseline)
- All Secure Locks & Safe
  - continued rekeying all District Locks
- Opacity Test
  - Truck 7
  - Truck 10
  - Truck 17
  - Flush Truck
  - Vac-Truck
  - Dump Truck
- Annual HVAC service at all District amenities
- Annual Fire Extinguisher Testing

## After Hour Calls

- Staff had 2 after hour calls: Both water related all resolved

## Workplace Safety and Training

### **Weekly Safety Meetings and Training**

- Daily Tailgate Meetings
- Weekly Safety Meetings
- All Staff Meeting – Corona Virus Discussion
- GIS Data Dictionary creation meeting – Luis, Adam, Andrew, Zachary