



# Operations Report

Month of Review: August 2020

## Information Provided by:

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

## Wastewater Treatment Plant Flows

Influent Totals From: August 2020	
Total	3.38 MG
High	.17 MG
Low	.02 MG
Average	.11 MG

Effluent Totals From: Plant: August 2020	
Total	3.40 MG
High	.16 MG
Low	.02 MG
Average	.11 MG

Rainfall Totals at the Sewer Treatment Plant Month of August 2020	
Year	Total Rainfall-inches
2020	0.01 (high 0.01)
2019	0
2018	0
2017	0
2016	0
Current Season Total	0.01

Wasting Totals	
Total Inches	456
Total Pounds	6764

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

Active Sewer Accounts: 1559

## 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
- Replaced Roto-Strainer Chain
- STP OSG Unit
  - The unit was rebuilt in July by staff
    - Staff used a total of 163 bags of salt for the month of July
      - Cost \$12.25 a bag – 163 bags = \$1996.75
    - Staff used a total of 34 for bags of salt for the month of August
      - Cost \$12.25 a bag – 34 bags = \$416.50
  - Monthly savings \$1580.25

## Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
  - Added degreaser and odor control when needed
- 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
- Cleared easement from Park to STP
- Made sewer connection @ Oak Grove Circle
- Replaced LS2 pressure transducer
- Replaced Is4 UPS batteries
- Completed Landscape maintenance around Lift Stations
- Installed temporary emergency generator at LS 7
- Began marking sewer easement in Big Oak Flat
- Repaired Manhole next to PML Hardware
- Completed Manhole inspections for LS 5, 6 and 10 Gravity lines (total of 107 manholes opened and inspected)
- Completed Lift Station breakover inspections for LS 1, 2 and 8
- Cleaned LS 6

## 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
- Performed maintenance on BC Finish Chlorine Pump

## 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)
- Repaired water service leak @ BOF County Yard
- Replaced wooden meter boxes with new concrete boxes on Point View Dr
- Repaired hydrant bollard on Ferretti Rd
- Assisted Operation with Lead and Copper sampling
- Removed old A/C unit from Tank 2 and patched and painted hole
- Completed Landscape Maintenance around Tank sites
- Repaired water service leak on Hemlock
- Repaired and moved water service at PML Hardware

Meter Related Services	Total
Check/repair meter	2
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	0
Read tenant out	5
Re-Read	31
Turn off meter	4
Turn on meter	5
Test meter	19
<b>Total Distribution Issues</b>	<b>66</b>

Active Water Accounts:3256

Billed Consumption 2020		Gallons
Residential		12739361
Commercial		769891
Billed Consumption 2019		Gallons
Residential		11446618
Commercial		1107539

## Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	0	0
Service leaks	0	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
<b>Totals Per Service</b>	<b>0</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
- Continuous Corp yard cleanup
- Cleaned and secured bathrooms at the lower park
- Completed standby Generator checks
- Repaired Maintenance Building HVAC
- Truck 6- Replaced brakes, rotors, calipers, and hubs; Had alignment performed by Tire shop
- Truck 7- Repaired A/C; Replaced ball joints
- Truck 15- Replaced fouled spark plug; Repaired blower motor; Replaced mirrors
- Truck 25- Serviced
- Engine 781- Repaired pump wiring; Took to Burton's for A/C repair; Replaced cab-over rams and pump; Replaced batteries; Completed 90-day BIT inspection
- Engine 783- Started to evaluate repairs needs
- Engine 787- completed 90-day BIT inspection

- Engine 788- completed 90-day BIT inspection
- New Honda Pioneer- Picked up from dealership in Roseville and commissioned

### Projects/Contract Work

- GIS Program
  - Completed Hydrants and Hydrant Valves in:
    - Unit 11
    - Unit 12
- Cartegraph Development
- Bay-Cal painting continued working on the District 2020 Building Project
- Compel Heating and Air
  - Installed HVAC at BC Treatment Plant, 2G Treatment Plant and Tank 2
- Moyle Construction
  - Replaced broken Hydrant and added new Hydrant valve on Trapper
  - Replaced 24' of sewer pipe into LS 5



Excavating around Electrical conduits



Large offset at the inlet to  
Lift Station 5





Exposed pipe was replaced with new pipe

### After Hour Calls

- Staff had 17 after hour calls: 11 Water 6 Sewer all resolved

## Workplace Safety and Training

### Weekly Safety Meetings and Training

- Daily Tailgate Meetings
- Weekly Safety Meetings
- Weekly Security Checks
- Weekly Vehicle inspection