

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 Ahlswede 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	

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
Total Distribution Issues	66

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/repaired	0	0
Totals Per Service	0	0

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

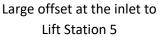
- Engine 788- completed 90-day BIT inspection
- New Honda Pioneer- Picked up from dealership in Roseville and commissioned

Projects/Contract Work

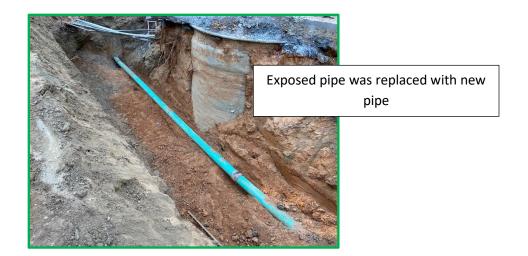
- GIS Program
 - Completed Hydrants and Hydrant Valves in:
 - Unit 11
 - Unit 12
- Cartegraph Development
- Bay-Cal painting continued working on the District 2020 Building Project
- Compel Heating and Air
 - o Installed HVAC at BC Treatment Plant, 2G Treatment Plant and Tank 2
- Moyle Construction
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



Excavating around Electrical conduits







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