



# Operations Report

Month of Review: October 2019

## Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Rachel Pearlman, Administrative Services Technician
- C&D Staff
- Maintenance Staff

## Wastewater Treatment Plant Flows

### Influent Totals From Plant: October 2019

Total	2.45 MG
High	.09MG
Low	.03MG
Average	.08MG

### Effluent Totals From Plant: October 2019

Total	2.81MG
High	.10MG
Low	.03MG
Average	.09MG

### Rainfall Totals at the Sewer Treatment Plant Month of October

Year	Total Rainfall-inches
2019	0.00 - (0.00 High)
2018	0.63 - (0.49 High)
2017	0.64 - (0.51 High)
2016	6.02 - (2.31 High)
2015	0.80 - (0.56 High)
Current Season Total	49.49

### Wasting Totals

Total Inches	404
Total Pounds	2769

### Reclamation Totals

PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

Active Sewer Accounts: 1552

## 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

## Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
- Chemical flushed gravity sewer lines throughout the District
- Hydro flushed multiple gravity lines throughout the District
- Pumped down LS 16 and hosed down wet well
- Pumped down LS 6 and hosed down wet well, pulled pump #1 due to poor pumping efficiency – found pump was clogged with rags and debris. Pulled pump 2 to check and serviced-everything was good. Installed new wire and ropes to both pump 1 and 2
- Diagnosed LS 13 pump 1 fault, found low float was not operating properly and pump lost prime
- Completed manhole inspections for Ls 12 and 14 gravity lines. Total of 97 manholes were inspected for the month of October
- Re-installed blocks for the retaining wall at Ls #7 and tied into new head wall

## 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 plant samples and sent into Aqua Lab
- Took distribution samples and sent into Aqua Lab

## Distribution Department

- Monitored/sample Distribution Tank weekly( dosed Tank 2, 4 & 5)
- 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(Building, Pneumatic Tank, Pumps and MCC Cabinet) and Highlands Pump stations (Building, pumps and MCC Cabinet)
- Tested 31 backflows in house to complete our annual inspections, all other backflows were tested by certified contractors hired by PO
- Cleaned around Hydrants in unit 1, 2, 4 and 10

- Hooked up stand by Generator at Highlands Pump Station to fill Tank 5 during PPS ( Generator on site will not run pumps)
- Located buried valves and marked on Tank 1 to Tank 5 Transmission Line
- Blow off repair behind Highlands Pump station transmission

**TANK 1 to TANK 5 TRANSMISSION LINE BROKEN 10-13-2019**



**HIGHLANDS BLOW OFF REPAIR 10-25-2019**





Meter Related Services	Total
Check/repair meter	2
Install water meter	1
Monthly lock offs	21
Meter change outs	0
Read tenant out	6
Re-Read	11
Turn off meter	4
Turn on meter	17
Test meter	0
<b>Total Distribution Issues</b>	<b>62</b>

Active Water Accounts:3252

Billed Consumption	Gallons
Residential	7807228
Commercial	799629

## Construction and Maintenance

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

### Maintenance

- General yard maintenance around the District maint. Yard (mow, weed eat, debris removal, limb trees ETC)
- Made dump run to Groveland Transfer Station
- Cleaned around dumpster area and hauled cardboard to Moore Brothers
- Complete general ground maintenance at the Park (mow, weed eat, debris removal, limb trees ETC)
- Removed vegetation from STP E-Basin
- Serviced Truck 17 (oil, filters, rotate tires, Etc.) and replaced rear brakes
- Serviced Truck 15 (oil, filters, rotate tires, Etc.) installed new fabricated valve wrench holder, installed new headlights, replaced broken door handle
- Serviced Truck 20 (oil, filters, rotate tires, Etc.)
- Serviced Ls 12 and Ls11 generator (oil, filters, Etc.)
- Brushed vegetation around Tank 2 and Big Creek treatment Plant
- Ran standby Generators at AWS, Dunn Ct, Tank 2 and Big Creek
- Replaced siding on Tank 5 Fire Flow reservoir
- Ran scanner on Engine 781 due to check engine light, cause was low coolant, located squeal coming from the serpentine belt
- Took Truck 13 (bucket Truck) to Stockton for repairs( hydraulic hoses needed replaced)
- Removed the Lower Park shade canopy for the winter months
- Replaced lights in the Maintenance, Ops and Old BCTP buildings
- Took AC/Heater contractor around to District amenities to complete maintenance
- Constantly monitored/fueled all stand by generators during PG&E PSPS
- Assisted CHP with the removal of an abandoned vehicle, which was the cause of H2O break on 10-13-2019( car was sitting on an expose section of water main)
- Compiled information/documentation for stolen Generator and submitted for the police report
- Cleaned and greased new backhoe
- Installed new exhaust on the Vac-Tron

- Completed the 90 Day BIT inspection for Engine 787
- Took truck 19 to Steve's Chevrolet for recall (Brake sensor)

### Projects

- Big Creek treatment and Operations building's roof repairs were completed by Cal-West Roofing ( Alan Ford Construction)

### After Hour Calls

- Staff had 4 after hour calls: 3water and 1 sewer, all resolved

## Workplace Safety and Training

### Weekly Safety Meetings and Training

- Complete monthly Fire extinguisher checks
- 3 staff members attended a submersible pump class in Stockton
- 2 staff members attended a leak detection class in Sonora
- 2 staff member attend northern safety day in Woodland (CWEA)