



Operations Report

Month of Review: December 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: December 2019

Total	4.12 MG
High	.20MG
Low	.09MG
Average	.13MG

Effluent Totals From Plant: December 2019

Total	4.64MG
High	.32MG
Low	.08MG
Average	.15MG

Rainfall Totals at the Sewer Treatment Plant Month of December

Year	Total Rainfall-inches
2019	10.02 - (3.73 High)
2018	2.27 - (0.93 High)
2017	0.40 - (0.22 High)
2016	7.63 - (3.55 High)
2015	8.58 - (3.60 High)
Current Season Total	61.02

Wasting Totals

Total Inches	333
Total Pounds	6509

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
- Removed center divider between drying beds # 1, 2, 3 and 4
- Oiled plunger and replaced plastic all threads and nuts on OMAR
- Took apart STP OSG unit and cleaned cell

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 and cleaned floats and pressure transducers at Lift Station 5, 6, 7 and 8
- Reprogrammed and tested auto dialers at all Lift Station
- Completed Manhole Inspections for Ls 13 and 15 (total of 187 were opened and inspected)
- Did an extra check for all Lift Station prior to the Christmas Holiday

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

Distribution Department

- Monitored/sample Distribution Tank weekly
- 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)
- Replaced the conduit LB on the Butler Way bypass pump, greased motor/ pump and cleaned MCC cabinet
- Repaired broken service line on Merrell Rd
- Repaired broken service line on Mt Jefferson
- Repaired 10" mainline on Elder Ln and completed cleanup



Flooded Elder Lane



**Water Flooding Pine MTN. Drive Left
Broken 4" stub out Right**



**Broken 4"Stub out coming off
10" main line**

Meter Related Services	Total
Check/repair meter	1
Install water meter	0
Monthly lock offs	25
Meter change outs	1
Read tenant out	5
Re-Read	23
Turn off meter	1
Turn on meter	25
Test meter	12
Total Distribution Issues	93

Active Water Accounts:3252

Billed Consumption	Gallons
Residential	7655446
Commercial	624913

Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	1	0
Service leaks	2	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	3	0

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)
- Checked and cleaned drainages as needed around the District
- Extended gutter downspout behind Operations Manager office
- Greased booster pumps and motors at both Water Treatment Plants
- Completed routine service on Tank 4 and Lift Station 3, 6 and 13 standby generators (oil, Filters, Etc.)
- Replaced starter and changed oil on the vibraplate
- Cleaned out gutters around District buildings
- Diagnosed air leak on Engine 781 and ordered parts (bad ABS air relay)
- Cleaned out irrigation pump/motor vault and flushed out drain
- Changed the V-Belts on LS 9 and 14 standby generators
- Serviced Truck 25 (oil, filters, fluids, rotate tires, Etc.)
- Repaired broken sprinklers in field #3
- Replaced broken block heater and battery on LS 2 standby generator
- Installed new water services on Ferret Ct

Projects

- Worked with PALL Co. on complete inspection of the AWS Filtration Trailer
- Completed annual Bio solids removal with Cenacrow

After Hour Calls

- Staff had 10 after hour calls: 5 water and 5 sewer, all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- Complete monthly Fire extinguisher, eyewash and ladder checks
- 12-5-2019 SDRMA celebrating safety booklet
- 12-12-2019 Safety Bulletin PPE with quiz
- 12-18-2019 SDRMA Sprains and Strains with quiz