



Operations Report

Month of Review: November 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: November 2019

Total	2.89 MG
High	.14MG
Low	.06MG
Average	.09MG

Effluent Totals From Plant: November 2019

Total	2.59MG
High	.14MG
Low	.05MG
Average	.08MG

Rainfall Totals at the Sewer Treatment Plant Month of November

Year	Total Rainfall-inches
2019	2.01 - (0.81 High)
2018	6.94 - (1.57 High)
2017	5.55 - (2.76 High)
2016	3.70 - (2.07 High)
2015	6.26 - (1.48 High)
Current Season Total	51.50

Wasting Totals

Total Inches	342
Total Pounds	6354

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
- Cleaned and replaced all packing and seals in the Ras pump (Omar) at the STP plant
- Cleaned out plugged headworks and repaired air lines



Sand and Debris that plugged the inlet
to roto drum #2





Broken airline caused by debris

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
- Completed Ls 11 and 14 gravity manhole inspections
- Cleaned Ls 6, 9, 10, 11, 12, 13, 14, 15 and 16, mechanical wells, wet wells, PT, floats and tested all auto dialers
- Replaced roll pin in Ls 10 check valve
- Connected standby generator to Lift Station 4 for upcoming storm
- Completed new sewer connection in unit 10

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
- Repaired broken sample line coming off Big Creek treatment clear well
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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)
- Dug up main line on Ferret Ct to get pipe OD for service connection install (ordered parts)
- Installed new 1" water meter service in unit 10

Meter Related Services	Total
Check/repair meter	0
Install water meter	0
Monthly lock offs	25
Meter change outs	0
Read tenant out	5
Re-Read	21
Turn off meter	3
Turn on meter	22
Test meter	0
Total Distribution Issues	76

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	1	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	2	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 ran generators at Ls 1, 3, 5, 16, FD, T2 and T4
- Serviced Ls 5 Generator (oil, filters and inspection)
- Picked up Truck 13 (bucket truck) from Stockton
- Replaced belts on Ls 3 and 12 standby generators
- Built dog house around the Ball Field electrical panel
- Serviced the Hotsy pressure washer
- Repaired the pull cord and changed oil on a Wacker trash pump
- Winterized the water wagon and Vac-tron
- Inspected the Boat had ready for Ls 13 Force Main inspection
- Replaced batteries on the Fire Department generator and completed service (oil, filters and inspection)
- Completed the 90day BIT inspection on Engine 788
- Winterized park drinking fountains, concession stand and irrigation

Projects

- Assisted Pacific Pipe Line with the Lift Station 13 Force main inspection



Camera crew using push camera with Eldorado Septic keeping up with flow during Force main lock out



Access point to Lift Station 13 Force Main

After Hour Calls

- Staff had 9 after hour calls: 4 water and 5 sewer, all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- Complete monthly Fire extinguisher, eyewash and ladder checks
- staff attended onsite training course with Cla-Val
- SDRMA training booklet before you turn the key, with quiz
- Safety Bulletin Hand Tool Care and Safety
- SDRMA training booklet Safety Orientation, with quiz