

# **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)	
<b>Current Season Total</b>	61.02	

Wasting Totals		
Total Inches	333	
<b>Total Pounds</b>	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

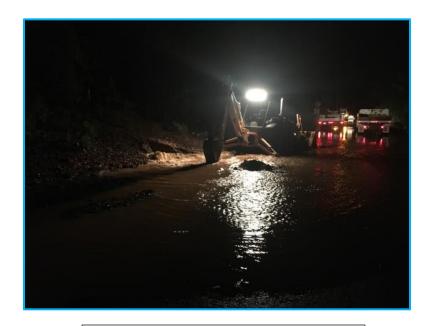
- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
- Chemical flushed gravity sewer lines throughout the District
- Hydro flushed multiple gravity lines throughout the District
- Pumped down and cleaned floats and pressure transducers at Lift Station 5, 6, 7 and 8
- Reprogramed 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** 





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**

<b>Billed Consumption</b>	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/repaired	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 vibramplate
- 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