



Operations Report

Month of Review: December 2020

Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Renee Van Dyk, Administrative Services Technician
- Adam Ahlswede Operation Supervisor

Wastewater Treatment Plant Flows

Influent Totals From: December 2020

Total	3.07 MG
High	.13 MG
Low	.06 MG
Average	0.1 MG

Effluent Totals From: Plant: December 2020

Total	
High	.13 MG
Low	.06 MG
Average	.1 MG

Rainfall Totals at the Sewer Treatment Plant Month of December 2020

Year	Total Rainfall-inches
2020	3.41 (High 0.82)
2019	10.02 (High 3.73)
2018	2.27 (High 0.93)
2017	0.40 (High 0.22)
2016	7.63 (High 3.55)
Current Season Total	5.61

Wasting Totals

Total Inches	520
Total Pounds	7494

Reclamation Totals

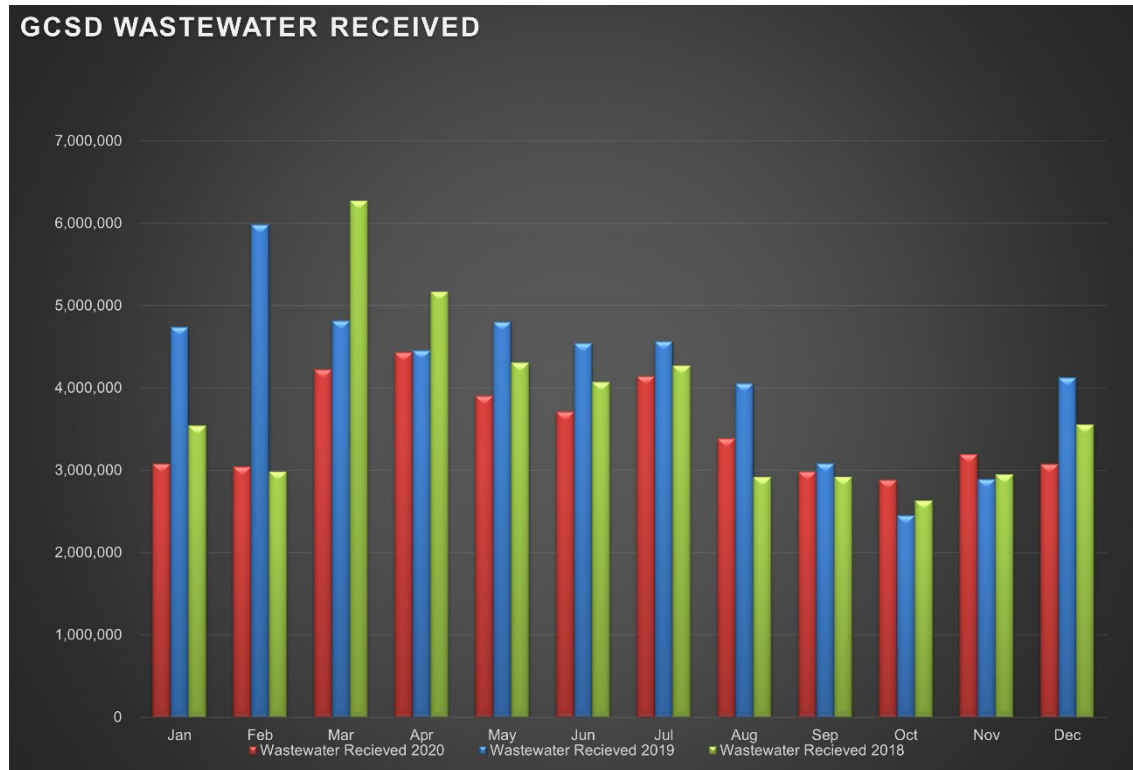
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

Active Sewer Accounts: 1560

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

Current and Past Monthly Influent Totals



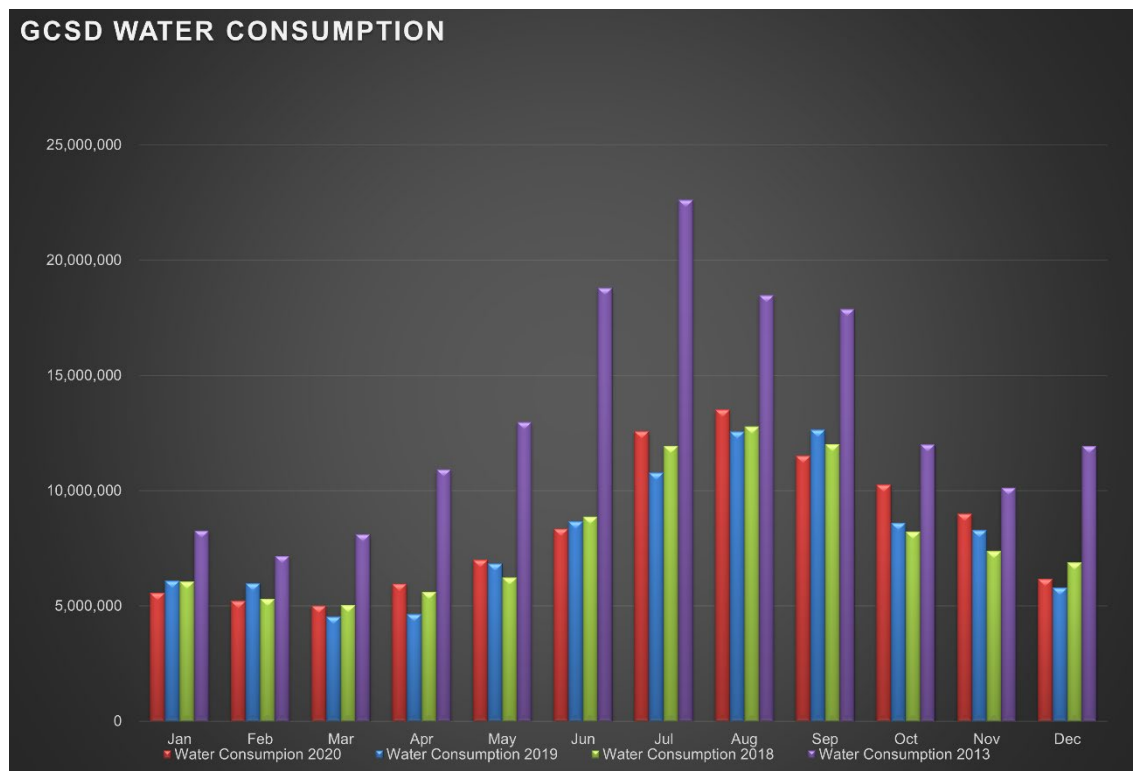
Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
 - Added degreaser blocks at all Lift Stations
 - Added degreaser and odor control as 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
- Completed Manhole inspections for Lift Station 15 gravity Lines
- CCTV around Bass Pond

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
- Changed out the UPS Batteries at Lift Station 14

Current and Past Monthly Water Consumption



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)
- Responded and marked multiple USA throughout the District

- Worked on AWS piping project
- Performed 8 Hot Taps for the Airport Estates
- Repaired water leak at 20284 Pine MTN Drive
- Repaired water leak at 19275 Butler Way



Roots around pipe broke the 6" Ac Main Line

- Repaired water leak at 18933 Hwy 120 (Christmas Night)
- Installed 10 Pilot Test meters for AMI study
- Repaired broke valve at AWS
- Cut access hole in vault cover for Tank 3
- Flushed Dead-ends Hydrants
- Cleaned multiple meter boxes and replaced lids as needed

Meter Related Services	Total
Check/repair meter	4
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	2
Read tenant out	4
Re-Read	18
Turn off meter	2
Turn on meter	1
Test meter	0
Total Distribution Issues	31

Active Water Accounts:3256

Billed Consumption 2020	Gallons
Residential	5,789,741
Commercial	378,270
Billed Consumption 2019	Gallons
Residential	5,416,761
Commercial	364,534

Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	2	0
Service leaks	1	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	3	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 District drainages
- Repaired material bin covers
- Burned debris piles around District yard
- Repaired OSG for WWTP, and repaired hot water heater leak
- Serviced Sludge Pump at the WWTP (Omar)
- Serviced Blower # 2 in the Headworks Building
- Cleaned Blower air filters at the WWTP
- Cleaned out the Roto-Strainer in the Headworks Building
- Put up and took down temp fencing around the Playground
- Repaired and cleaned bathroom building gutters
- Help hang deer decoration at the Park for Rotary Club
- Replaced the Fire House Dishwasher
- Greased booster pumps and cleaned drains at both WTP
- Replaced batteries on LS 7 standby Generator
- Replaced the Block Heater on LS 13 Standby Generator
- Replaced *fuse on LS 15 Standby Generator
- Serviced Engine 781 and repaired lights
- Took the Honda Pioneer to Honda for recall repair
- Replaced wheel bearings and seals; Replaced tires on utility Trailer
- Packed wheel bearings; Serviced Engine on the Vac-Tron
- Replaced air brake modulator valve and replaced air release valve on the Flush Truck
- Replaced the Tailgate handle on Truck 6
- Serviced; rotated tires; replaced brakes; diagnosed check engine light; performed DPF regeneration; and replaced oil sensor on service Truck #7
- Serviced and rotated tires on Service Truck 15
- Completed standby generator checks and fueled as needed

Projects/Contract Work

- GIS Program
- Cartegraph Development
- Prepped for Surplus Sale
- Industrial Electrical replaced voltage regulator and load Tested LS 9 Standby Generator
- Burton fire troubleshooted engine codes and completed water pressure calibration on engine 781

After Hour Calls

- Staff had 5 after hour calls: 5Water; all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- Daily Tailgate Meetings
- Weekly Safety Meetings
- Weekly Security Checks
- Weekly Vehicle Inspection
- SDRMA Safety Courses
- Began Training new meter reader
- Commercial Driver's License