



Operations Report

Month of Review: November 2020

Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Rachel Pearlman, Administrative Services Technician
- Adam Ahlswede Operation

Wastewater Treatment Plant Flows

Influent Totals From: November 2020	
Total	3.19 MG
High	.15 MG
Low	.07 MG
Average	0.11 MG

Effluent Totals From: Plant: November 2020	
Total	3.20 MG
High	.18 MG
Low	.06 MG
Average	.11MG

Rainfall Totals at the Sewer Treatment Plant Month of November 2020	
Year	Total Rainfall-inches
2020	2.16 (High 0.70)
2019	2.19 (High 0.81)
2018	6.94 (High 2.12)
2017	5.55 (High 2.76)
2016	3.70 (High 2.07)
Current Season Total	2.2

Wasting Totals	
Total Inches	396
Total Pounds	7021

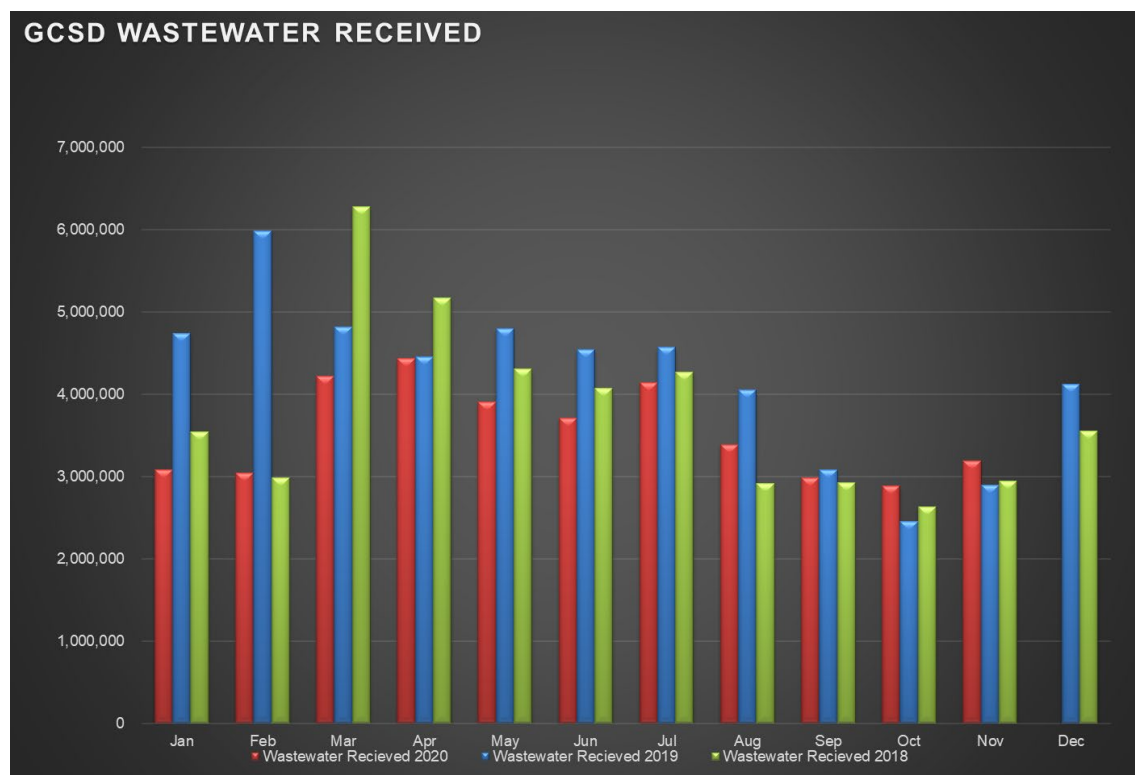
Reclamation Totals	
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

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
- Replaced power disconnect and breaker for STP Flights
- Cleaned, greased, adjusted, and made repairs to clarifier equipment
- Flushed drain for STP Screw Press

Current and Past Monthly Influent Totals



Wastewater Collections Department

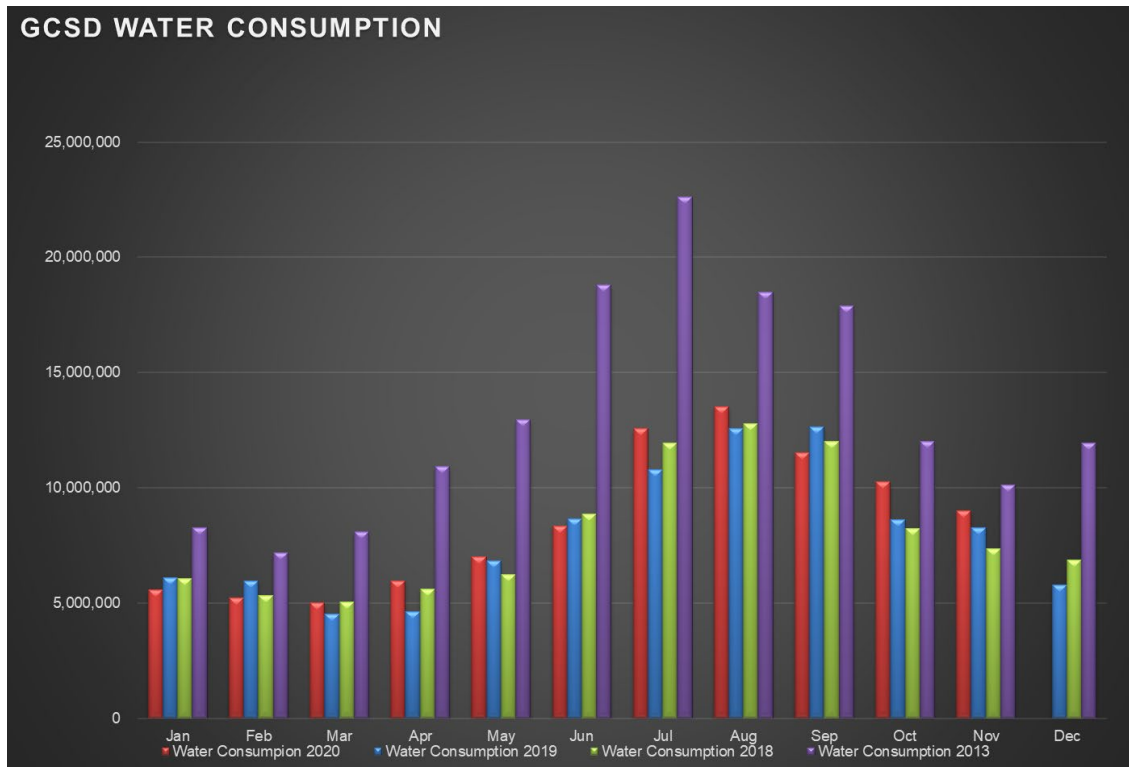
- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
 - Added degreaser blocks at all Lift Stations
 - Added degreaser and odor control when needed
- Chemical flushed gravity sewer lines throughout the District for system maintenance
- Inspected and flushed problem manholes

- Hydro flushed multiple gravity lines throughout the District for system maintenance
- Repaired lower sewer lateral on Lower Skyridge
- Marked sewer lines for encroachment permits
- Cleaned Lift Stations: 9, 10, 11 & 12
- Replaced hour meter at Lift Station 9

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
- Began installing new drain/flushing line for AWS Treatment plant
- Serviced Big Creek UV System

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
- refilled auto flushers with dichlorination tablets
- cleaned drainage at 2G
- Made repair to concrete driveway from leak repair on Green Valley
- Repaired service leak on HWY 120 @ Deer Flat

Meter Related Services	Total
Check/repair meter	1
Install water meter	1
Monthly Meter Restrictions	0
Meter change outs	0
Read tenant out	4
Re-Read	27
Turn off meter	4
Turn on meter	2
Test meter	0
Total Distribution Issues	39

Active Water Accounts:3256

Billed Consumption 2020		Gallons
Residential		8,442,774
Commercial		561,985
Billed Consumption 2019		Gallons
Residential		7,655,446
Commercial		624,913

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 amenities (mow, weed eat, trash, debris removal, limb trees ETC)
- Cleaned around dumpster area and hauled cardboard to Moore Brothers
- Continuous Corp yard cleanup
- Repaired sink faucet in Admin Building
- Completed generator checks
- Serviced Ls-6 and Ls-3 generator
- Adjusted Ls-9 generator speed sensor to fix starting problem
- Cleaned out Ls-13 generator radiator
- Cleaned and disinfected all work vehicles
- Repaired Truck 10 side boards
- Completed 90-day bit inspections:
 - Dump truck and trailer
 - Vac-truck
 - Flush Truck
 - Engine 781
 - Engine 783
 - Engine 787
- Picked up new Bobcat for Operations
- New backhoe: Replaced engine belt and idler pulley; Replaced upper radiator hose; Cleaned out radiator and hydraulic cooler
- Old Bobcat: Began cleaning/disinfecting and putting together parts list for repairs
- Commissioned New service truck (replacing Truck 17)
- Replaced batteries on Flush truck
- Truck 3: Serviced; Replaced rear pinion seal; Rotated and balanced tires
- Vac-Truck: Serviced
- Dump Truck: Replaced tires

- Pioneer: Serviced
- Made Repairs to pontoon boat

Projects/Contract Work

- GIS Program
- Cartegraph Development
- Industrial Electrical Co
 - Adjusted soft starts for booster pumps at Highlands Pump Station
- Tellstar: Installed 5 Smart Covers on manholes in Collection System

After Hour Calls

- Staff had 15 after hour calls: 14 Water; 0 Sewer; 0 Park; 1 Other 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
- iPad training for daily work assignments
- Monthly fire extinguisher checks