



# Operations Report

Month of Review: July 2021

### 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: July 2021

<b>Total</b>	4.16 MG
<b>High</b>	.19 MG
<b>Low</b>	.10 MG
<b>Average</b>	0.13 MG

#### Effluent Totals From: Plant: July 2021

<b>Total</b>	4.16MG
<b>High</b>	0.19 MG
<b>Low</b>	0.10 MG
<b>Average</b>	0.13 MG

### Rainfall Totals at the Sewer Treatment Plant Month of July 2021

Year	Total Rainfall-inches
2021	0.00 (High 0.00)
2020	0.00 (High 0.00)
2019	0.02 (High 0.02)
2018	0.00 (High 0.00)
2017	0.00 (High 0.00)
Current Season Total	0

### Wasting Totals

<b>Total Inches</b>	<b>490</b>
<b>Total Pounds</b>	<b>8784</b>

### Reclamation Totals

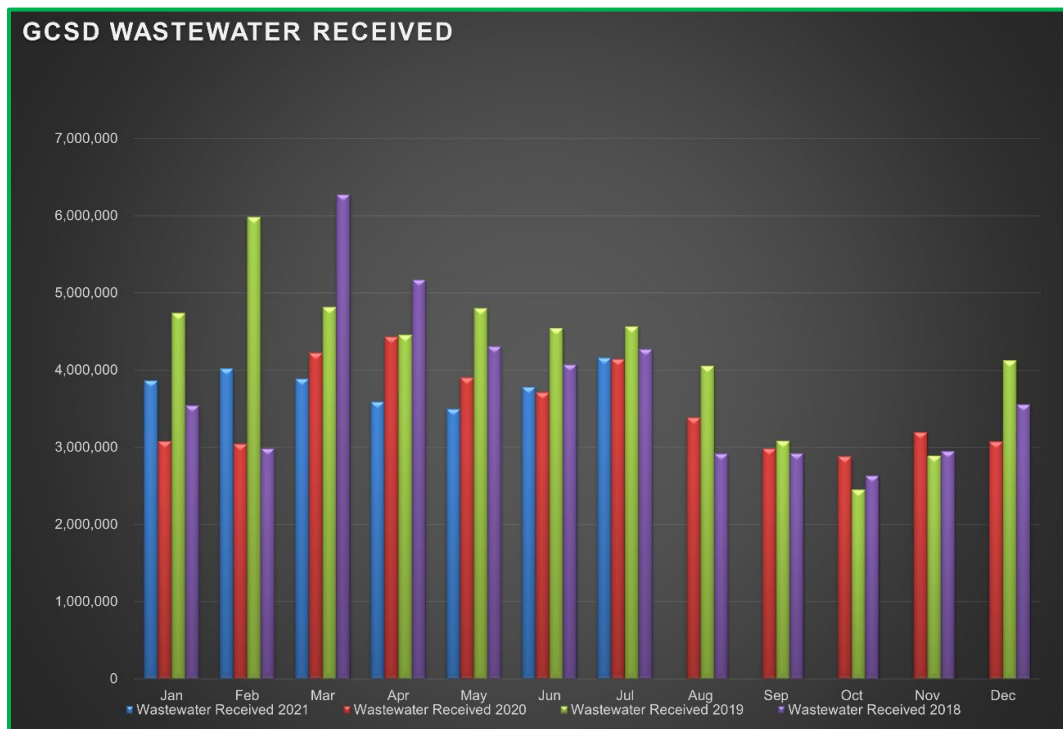
<b>PML</b>	0
<b>Spray Fields</b>	0
<b>PML Season Total</b>	0
<b>Spray Fields Total</b>	0

Active Sewer Accounts: 1562

## 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
- Cleaned out Chlorine Contact Vault
- Cleaned out STP clarifier and washed down
- Cleaned blower air filters at the STP
- Repaired broken monitoring well #4

### Current and Past Monthly Influent Totals



## Wastewater Collections Department

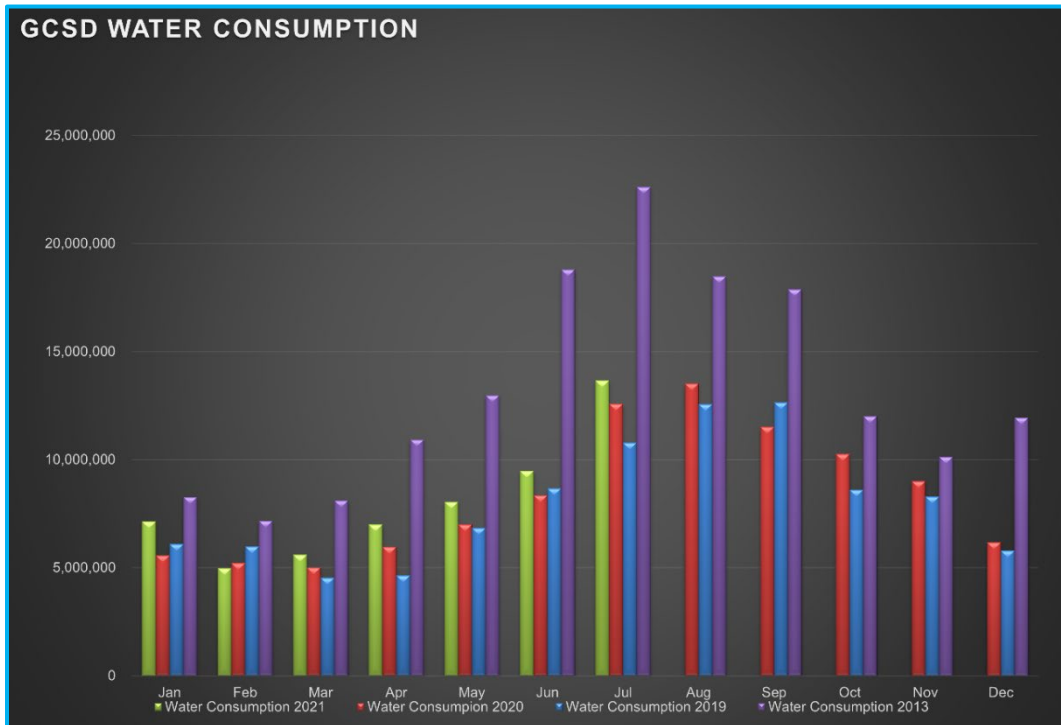
- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
  - Added degreaser and odor control as needed
- Chemical flushed gravity sewer lines throughout the District for system maintenance
- Inspected and flushed problem manholes

- Hydro flushed multiple gravity lines throughout the District for system maintenance
- Cleaned Lift Stations 9, 10, 11 and 12
- Completed manhole inspections for Groveland, Lift Station 16, and Twin Pines easement – 132 total Manholes opened and inspected
- Installed new flushing branch plug on Lift Station 8 gravity line

## 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
- Repaired sample pump
- Repaired lime mixer at Big Creek Treatment Plant

### 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
- Installed new A/C unit at Dunn Court pump room
- Replaced Tank 4 air compressor timer and filter/housing
- Repaired water service line leak on Pine Mountain Dr and Ridgecrest way
- Replaced water meter and meter box at Around the Horn Brewery
- Replaced hydrant at the end of system on Merrell Rd
- Installed bollards around hydrant at Miller Brother's
- Repaired water service leak on Wells Fargo
- Repaired water service leak on Boitano Rd
- Repaired water main leak on Pleasant View Dr
- Installed new 1.5" water service
- Flushed 10 Dead-Ends

Meter Related Services	Total
Check/repair meter	1
Install water meter	1
Monthly Meter Restrictions	0
Meter change outs	4
Read tenant out	2
Re-Read	24
Turn off meter	1
Turn on meter	2
Test meter	1
<b>Total Distribution Issues</b>	<b>36</b>

Billed Consumption 2021		Gallons
Residential		13,654,877
Commercial		1,008,853
Billed Consumption 2020		Gallons
Residential		11,760,774
Commercial		806,351

**Active Water Accounts:3257**

## Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	1	0
Service leaks	0	0
Service breaks	3	0
Fire Hydrant replaced/repared	1	0
<b>Totals Per Service</b>	<b>5</b>	<b>0</b>

### 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 out septic tank and installed lid risers
- Landscape maintenance around Big Creek treatment plant
- Changed oil in lift pumps at Lift station 13
- Replaced Lift Station 15 generator fuel pump
- Replaced front tires on (newer) backhoe
- Repaired shifter on Truck #8
- Recharged A/C on truck #6
- Replaced front brakes, rear brakes, rotors, rear axel seals, right front CV shaft, serviced rear differential and replaced radiator on Truck 15
- Replaced air horn solenoid and repaired airline leak on Engine 783
- Repaired broken irrigation pipe at the Fire House

### Projects/Contract Work

- Visited TUD to see the dump truck we are ordering, along with their Vac and Flush Truck
- Met with American Truck and Trailer for about ordering new Dump Truck
- Clearwell Project begun at 2G

### After Hour Calls

- Staff had 18 after hour calls: 7 Water; 11 Sewer, 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
- On-Call training for new employee