



# Operations Report

Month of Review: June 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: June 2021

<b>Total</b>	3.78 MG
<b>High</b>	.16 MG
<b>Low</b>	.08 MG
<b>Average</b>	0.13 MG

#### Effluent Totals From: Plant: June 2021

<b>Total</b>	3.77 MG
<b>High</b>	0.17 MG
<b>Low</b>	0.08 MG
<b>Average</b>	0.13 MG

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

Year	Total Rainfall-inches
2021	0.00 (High 0.00)
2020	0.00 (High 0.00)
2019	0.04 (High 0.04)
2018	0.00 (High 0.00)
2017	0.14 (High 0.09)
<b>Current Season Total</b>	<b>20.74</b>

### Wasting Totals

<b>Total Inches</b>	<b>476</b>
<b>Total Pounds</b>	<b>6745</b>

### Reclamation Totals

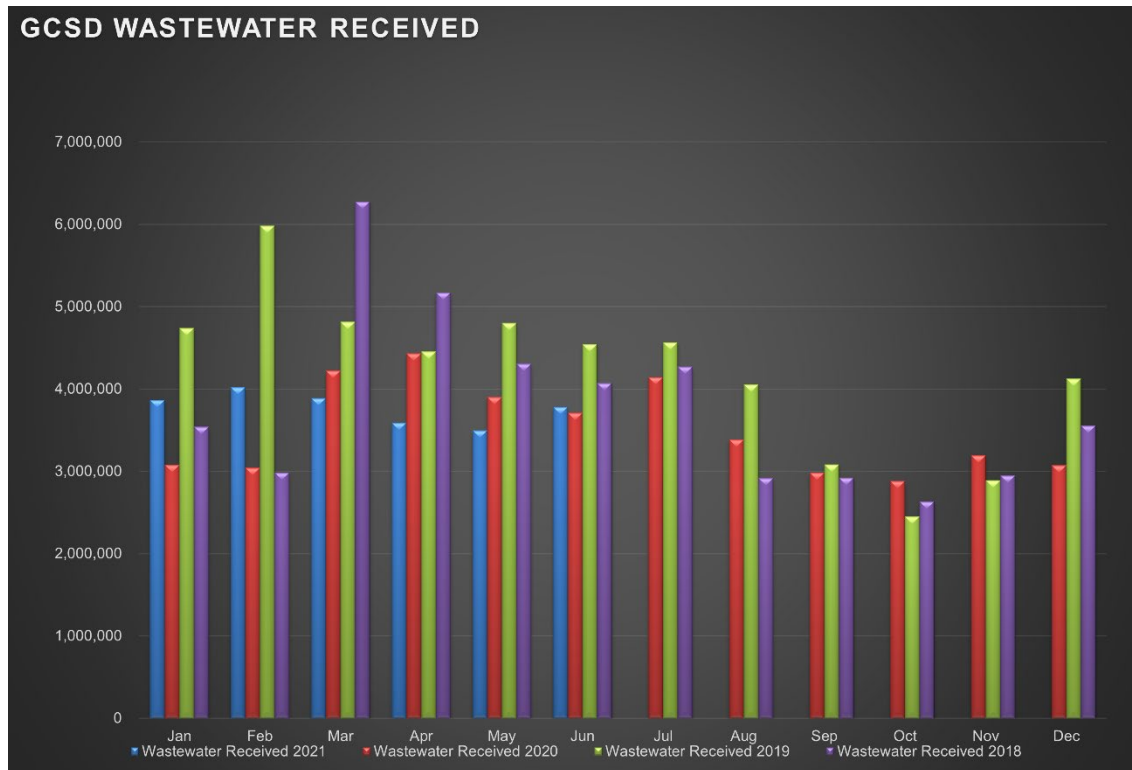
<b>PML</b>	0
<b>Spray Fields</b>	0
<b>PML Season Total</b>	0
<b>Spray Fields Total</b>	0

**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
- Repaired valve for the Return Activated sludge line
- Installed new handrail/Fall protection around WWTP
- Cleaned air filters on blowers at the Headworks

### Current and Past Monthly Influent Totals



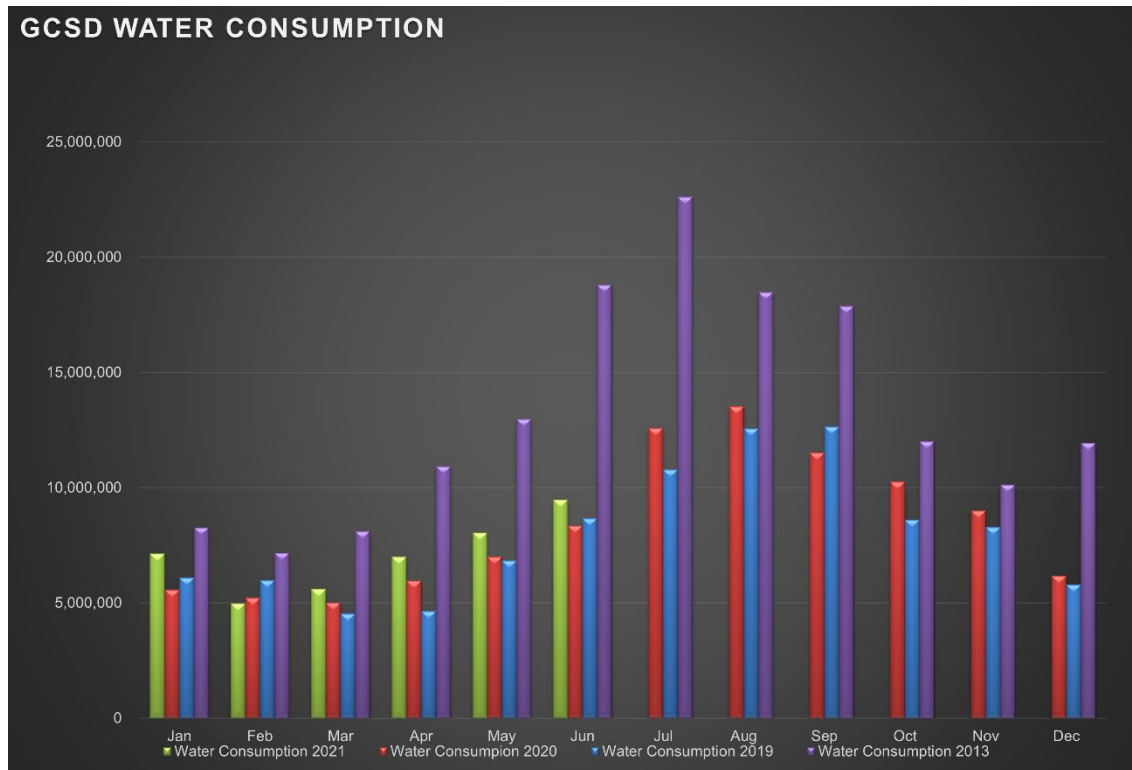
## Wastewater Collections Department

- 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
- Sealed up Manholes on Ls 13 gravity lines heading to Lift Station 8
- Completed manholes inspection for Lift Station 6,7 and 8 gravity lines
- Completed sewer line repair on Hemlock
- Cleaned Lift Stations 1, 2, 3, 4, 13, 14, and 15
- Smart Cover at 19604 PMD detected high level- Jetted and CCTV to remove root ball at Private lateral
- Smart Cover at 13349 Clements Rd detected high level- Found that it was partially plugged with grease, removed debris and jetted line
- Moved Smart Cover from unit 12 to BOF
- Started sampling Lift Station 7 and 16 for reference data
- Installed new sewer connection on PMD and Forestwood
- Completed ground maintenance around Lift Stations 3, 4, 6 and 14
- Exposed manholes covered (asphalt) on Upper Skyridge Drive
- Investigated sewer odor complaint on Bigfoot Cir, found missing clean out cap resulting in odor coming from main 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
- Installed Post CCT sample pump at Big Creek Treatment plant
- Maintenance UV system 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
- Repaired sheer coupling on Hydrant on Ridgecrest way
- Repaired water break (service Tube) on PML Drive and Cresthaven Drive
- Repaired water leak on Reid Cir.
- Replaced hydrant at Miller Brothers 17870 Hwy 120 and installed bollards
- Repaired water leak at the island as you enter PMD main Entrance
- Adjusted air/water balance for Tank 4 pneumatic tank, installed new timer for air compressor
- Replaced 1.5" meter on Dyer Ct

Meter Related Services	Total
Check/repair meter	1
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	1
Read tenant out	1
Re-Read	14
Turn off meter	2
Turn on meter	2
Test meter	2
<b>Total Distribution Issues</b>	<b>23</b>

**Active Water Accounts:3257**

Billed Consumption 2021		Gallons
Residential		9,473,684
Commercial		593,274
Billed Consumption 2020		Gallons
Residential		7,942,636
Commercial		398,863

## Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	0	0
Service leaks	3	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
<b>Totals Per Service</b>	<b>3</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/vacuumed all communication pull boxes for Fiberoptic internet installation
- Installed ice machine in Maintenance Department Office
- Vacuumed and washed-out generator room at 2G
- Took down trees near Big Creek treatment Plant
- Installed new pump control valve for Booster Pump #1 at Big creek TP
- Cleaned easement from Admin to Skate Park
- Adjusted block heater on 2g stand by generator
- Charged A/C; Replaced Plug #7 on Truck 15
- Repaired exhaust leak; repaired A/C on truck 7
- Repaired hydrant fill line on the Flush truck
- Greased 331 Bob Cat and New backhoe

### Projects/Contract Work

- Built database to move Manhole Inspection to digital format
- Assisted Cal-Fire with mop up at structure fire on Muller Dr
- Presidio Systems Inc (PSI)
  - Jetted and CCTV inflow sewer mains to LS1 (approximately 7500')

### After Hour Calls

- Staff had 9 after hour calls: 6 Water; 2 Sewer, other 1 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
- CPR and First Aid
- New employee training- Andrew Klein
- Travis Deutsch obtained his CWEA Maintenance Technologist II Certificate