



Operations Report

Month of Review: May 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: May 2021

Total	3.49MG
High	.14 MG
Low	.10 MG
Average	0.11 MG

Effluent Totals From: Plant: May 2021

Total	3.53 MG
High	0.14 MG
Low	0.09 MG
Average	0.11 MG

Rainfall Totals at the Sewer Treatment Plant Month of May 2021

Year	Total Rainfall-inches
2021	0.00 (High 0.00)
2020	1.97 (High 1.23)
2019	7.90 (High 1.88)
2018	0.53 (High 0.45)
2017	0.35 (High 0.20)
Current Season Total	20.74

Wasting Totals

Total Inches	385
Total Pounds	5062

Reclamation Totals

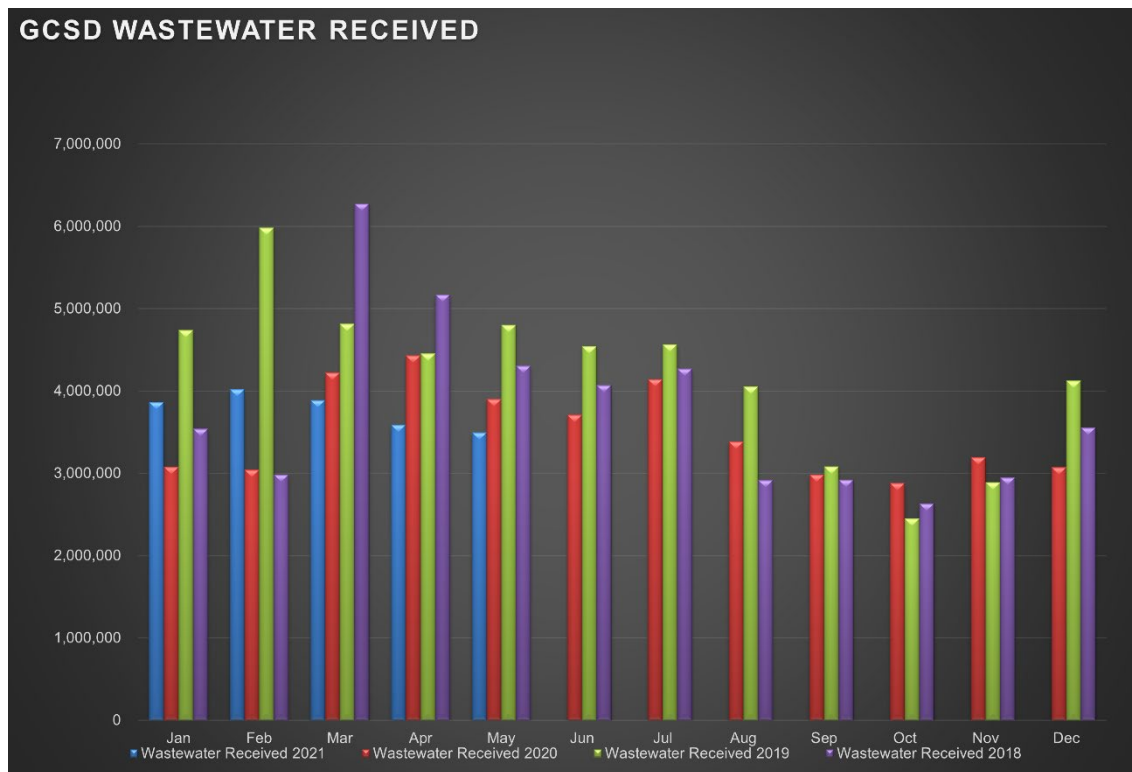
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

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
- Began fabrication and installation of ne guard rail around final effluent vault
- Adjusted packing on RAS Pump (Omar)
- Repaired leaking water filter for the STP Onsite Chlorine Generator (OSG)

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
- Cleared and cleaned up Sewer Spill on Twin Pines Easement Rd



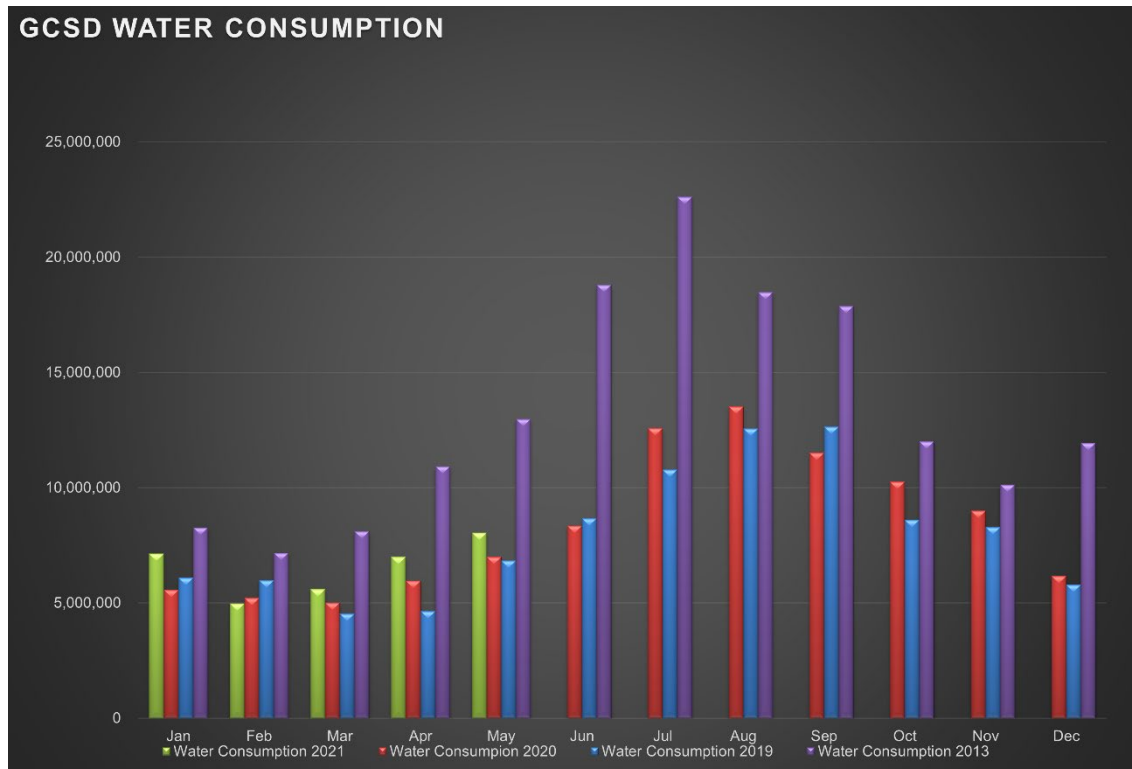
Sewer Spill on Twin Pines Easement

- Replaced leaking/failed ARV on the PML reclaimed water main
- Possible sewer SSO on hemlock, found private clean out backing up, staff assisted property owners with repairs
- Investigated collection system for STP Plant problems
- Cleaned Lift Station 16 wet well

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

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
- Finished Cla-Val (surge valve) replacement project on BC Transmission Line
- Repaired meter leaks
 - Tire Shop BOF
 - Cassaretto Ct

- Repaired water leak @ 12882 Mueller Dr



Saddle on old service failed, staff replaced with new saddle, shutoff.



Meter Related Services	Total
Check/repair meter	1
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	3
Read tenant out	6
Re-Read	14
Turn off meter	3
Turn on meter	3
Test meter	3
Total Distribution Issues	33

Active Water Accounts:3257

Billed Consumption 2021		Gallons
Residential		8,037,128
Commercial		529,234
Billed Consumption 2020		Gallons
Residential		6,687,386
Commercial		304,536

Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	1
Main line break	0	0
Service leaks	0	0
Service breaks	1	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	1	1

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 Big Creek Standby Generator radiator
- Inspected STP Generator
- Engine 781 performed Vac test and took to Hi-tec for pump testing; Replaced throttle sensor, rear bumper lights; Checked over ox box: replaced crank case filter and washed engine compartment
- Engine 786 test for small electrical drain, ordered battery tender
- Inspected/Service brush hog gear box and blades
- Replaced alternator, battery, and head lights on Truck 6
- Repaired driver's side door on Truck 7

Projects/Contract Work

- Du-All Safety
 - Completed assessment for Confined Space Hazards, Fall Hazards and Electrical Hazards
- Comphe Heating & Air
 - Annual service of HVAC units 11 Total
- Presidio Systems, Inc. (PSI)
 - Cleaned Lift Station 5, 6, 7 & 8
 - CCTV 2598 ft
 - Hydro Cleaned 1456 ft

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
- Commercial Driver's License
 - DMV Behind the wheel testing- 4 employees obtained their Class A Commercial Driver's License
- Traffic Control Training
- CPR & First Aid Training