



Operations Report

Month of Review: December 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: December 2021

Total	3.83 MG
High	.32 MG
Low	.06 MG
Average	0.12 MG

Effluent Totals From: Plant: December 2021

Total	
High	
Low	
Average	

Rainfall Totals at the Sewer Treatment Plant Month of December 2021

Year	Total Rainfall-inches
2021	12.47 (High 2.50)
2020	3.41 (High 0.82)
2019	10.02 (High 3.73)
2018	2.27 (High 0.93)
2017	0.40 (High 0.22)
Current Season Total	19.8

Wasting Totals

Total Inches	253
Total Pounds	4852

Reclamation Totals

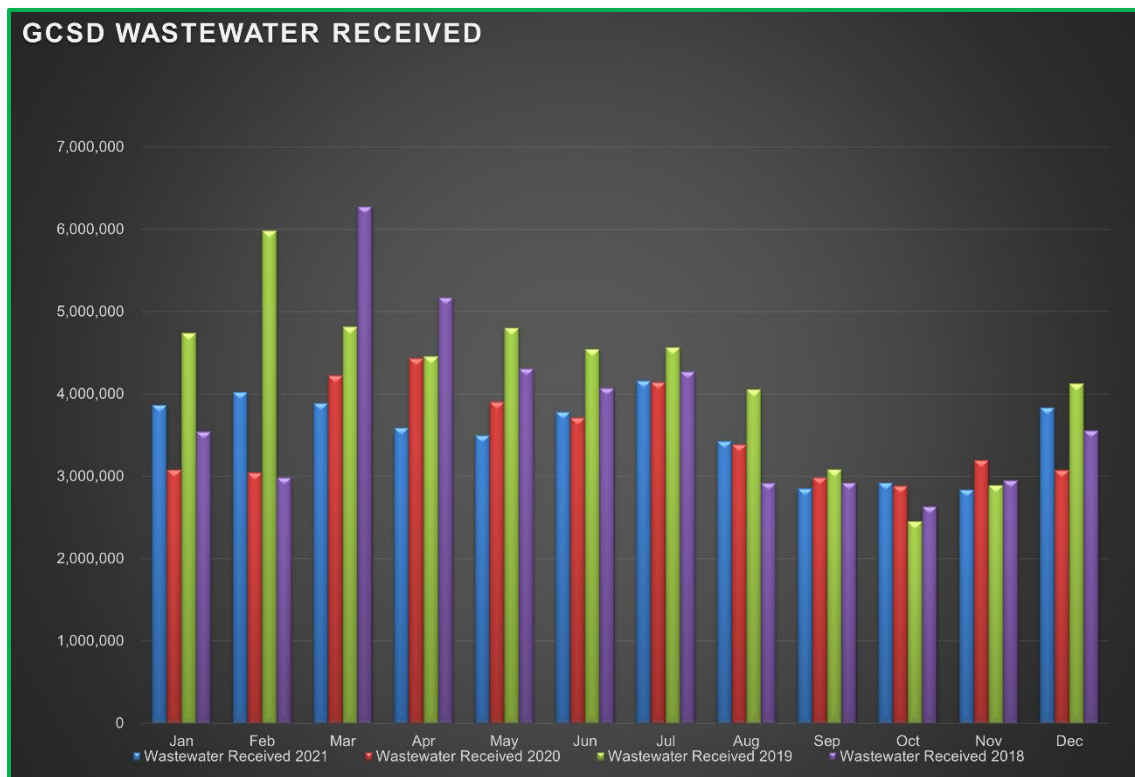
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

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

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 manhole

- Replaced service breaker at Lift Station 10
- Completed Manhole inspections for Bass Pond, Twin Pines Easement, Lift Station 15 and Park to STP.
- Uncovered paved manholes on Upper Skyridge
- CCTV sewer line to locate missing MH on Lower Skyridge to Pine Mt. Drive
- SSO Behind Skate Park



Left: MH spilling upon arrival
Right: Staff starting cleanup after flow was stopped



Left: Spill entering Creek
Right: Debris/logs damming creek slowing flow, this gave staff a spot to pump out contaminated creek water



Left: Below debris/logs in creek
Right: Creek below spill

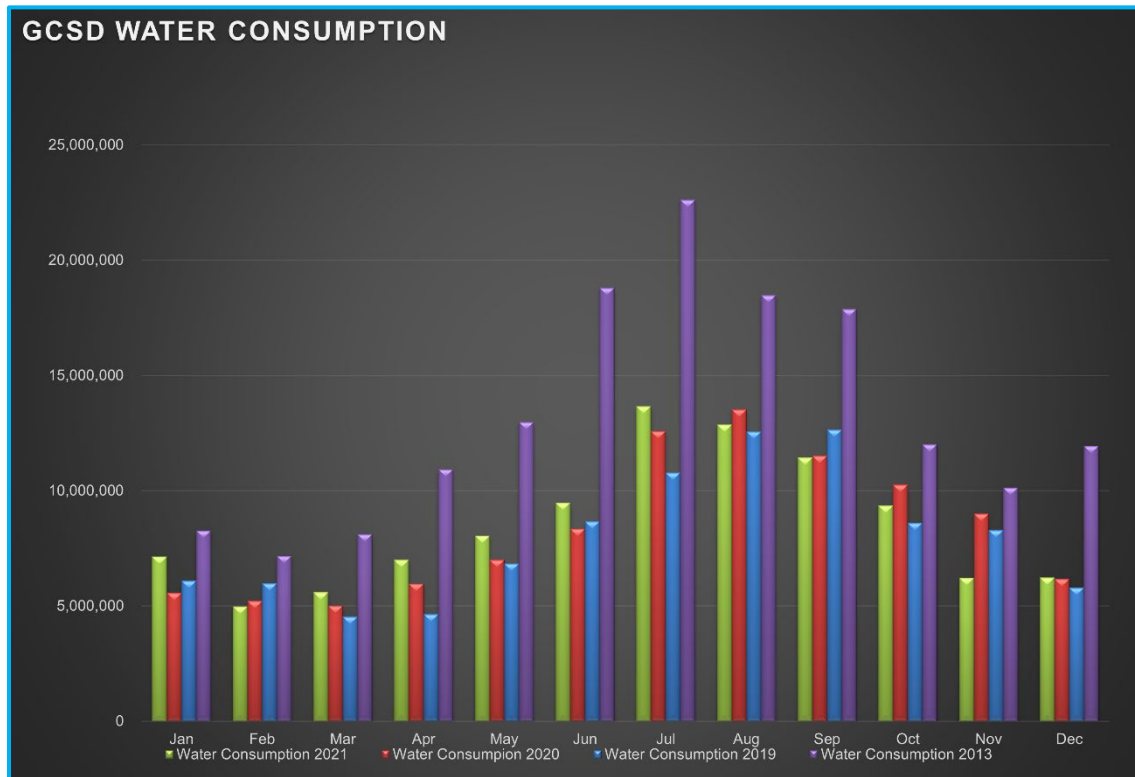


Left: El Dorado had 2 truck onsite assisting in cleanup and pumping out creek
Right: grease found in line during hydro flushing/cleaning of main line, this section of main is scheduled to be replaced during the upcoming sewer project

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

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
- Changed out broken meter on Otter Ct
- Cleaned around hydrants in unites 1,2,3,4,5,6,7,8,11,12 and 13
- Flushed 10 Dead ends
- Repaired service line leak, manifold blew off; on Buttercup

Meter Related Services	Total
Check/repair meter	2
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	0
Read tenant out	2
Re-Read	7
Turn off meter	2
Turn on meter	2
Test meter	1
Total Distribution Issues	16

Billed Consumption 2021		Gallons
Residential		6,226,991
Commercial		413,648
Billed Consumption 2020		Gallons
Residential		5,789,741
Commercial		364,534

Active Water Accounts:3257

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
- Greased booster pumps at Big Creek Treatment Plant
- Serviced chlorine injection pump at Big Creek Treatment Plant
- Repaired broken waste discharge line at AWS
- Removed down tree on the Basketball Ct at the lower park
- Removed down tree from Dog Park
- Tighten lose exhaust flange on Tank 4 standby generator
- Balanced voltage output with line voltage on LS 7 standby generator
- Finished rebuilding mower deck
- Serviced, replaced all filters, cleaned engine and undercarriage on Case Backhoe
- Repaired leaking rear tire on old case backhoe
- Reprogramed all generator "Run Too Long" alarms

- Replaced air compressor governor on Engine 787
- Replaced lights on Engine 781
- Installed new bumper vise and replaced marker lights on Truck 15
- Repaired snowplow electrical issue on Truck 10
- Plowed snow
- Burned brush piles
- Cleaned and organized Tool Room

Projects/Contract Work

- GIS for Manholes
 - Bass Pond
 - Twin Pines Easement
 - LS 15
 - Park to STP
- Industrial Electrical Company
 - Load bank testing for Lift Station 5, STP, AWS and Dunn Ct standby generators
 - Repaired LS 5 standby generator

After Hour Calls

- Staff had 12 after hour calls: 7 Water; 4 Sewer; 0 Park; 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