



Information Provided By

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**Operations and Maintenance Report
 January 2025**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	3.69
Average	0.12
High	0.17
Low	0.06

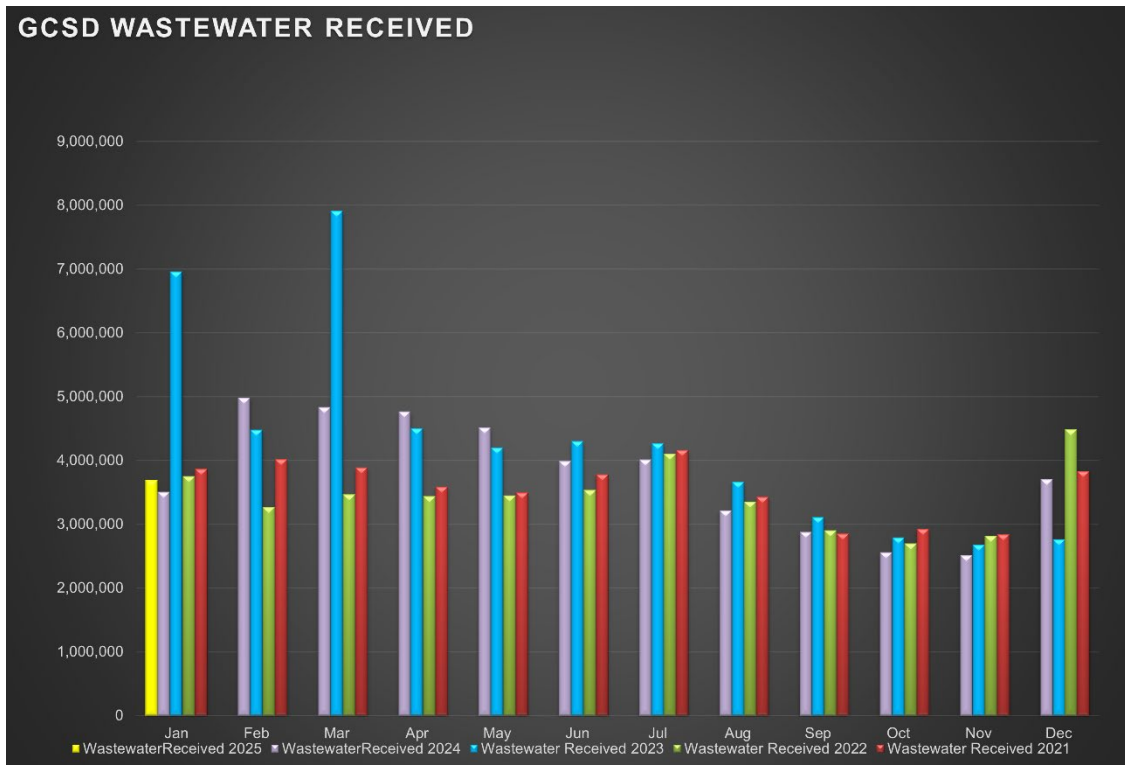
Effluent Totals	
Total	4.21
Average	0.14
High	0.22
Low	0.03

Reclamation Totals	
PML	
Spray Fields	
PML Season Total	
Spray Field Season Total	

Wasting Totals	
Total Inches	296
Total Pounds	4662
Active Accounts	1571

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2025	2024	2023	2022	2021
	14.97	1.58	7.39	20.45	9.36
	High 1.00	High 1.50	High 3.01	High 0.00	3.86

Charted Historical Monthly Influent Totals



Wastewater Treatment Division

Routine Tasks

- Took weekly Bac-Ts and BOD of the Chlorine Contact Chamber (CCC) and sent into Alpha Lab for testing.
- Completed monthly Wastewater Report and sent to the State Water Resources Control Board
- Completed daily rounds and Lab.

Water Treatment Division

Routine Tasks

- 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 them into Alpha Lab
- Monitored/sampled Distribution Tanks as needed.

Maintenance Department

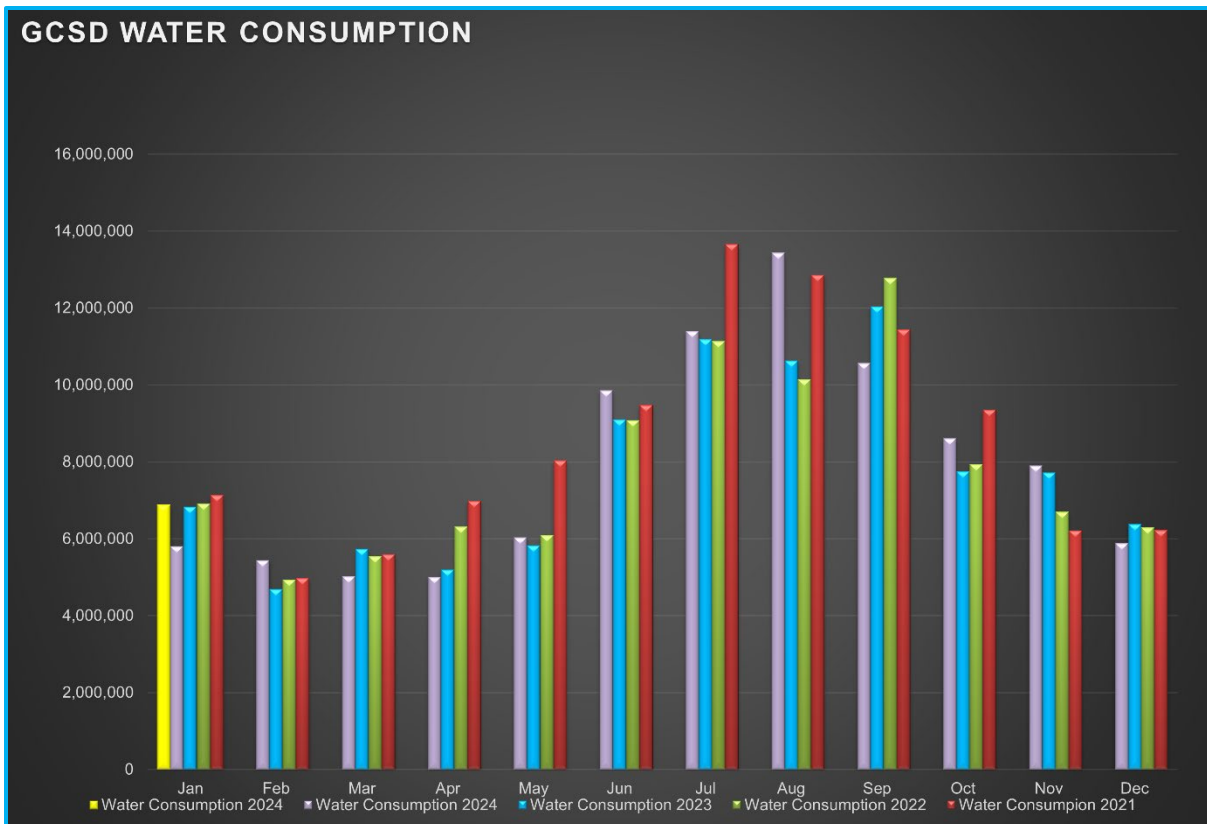
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	11
Water Meters Installed	2
Meter Lock offs	10
Meter Changeouts	1
Tenant Final Reads	1
Re-Reads	12
Unusual Consumption	19
Meter Turn-Offs	6
Meter Turn-Ons	3
Meter Tests	1
Winterize Meter	0
Zero Read Meter Tests	84
Color/Taste/Odor/PSI Complaints	6
Total Meter Related Issues	156

Billed Consumption (Gallons)	2025	2024	2023
Residential	5,897,996	5,522,266	6,408,823
Commercial	978,193	276,564	418,527
Total	6,876,189	5,798,830	6,827,350

Active Accounts	3274
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Charted Historical Monthly Water Consumption



Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	0
Water Service Line Leaks / Repairs	0
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	3
Number of Dead-Ends Flushed	0
Water Valves Exercised	0
GIS Points	0

Description	Gallons
Flushing for Water Quality	2,100
Water Loss Due to Leaks / Breaks	0

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
5	1	0	0	6

Maintenance and Repair

- **Routine Tasks**
 - Read all District Water Meters
 - Customer Service Calls (Low / High Pressures, No Water, Turn-Ons / Turn-Offs, Etc.)
 - Underground Service Alert (USA) Utility Marking Program
 - Weekly Pump Station Inspections at Tank 2, Tank 4, Tank 5 (Buildings, Tanks, Motors, Pumps, Drives, Communications, Generators, and Auxiliary Equipment)
 - Lock offs for non-payment.
 - Unusual Usage meter reads.

- **Tanks and Pump Stations**
 - Tested ATS (Automatic Transfer Switch) at Tank 4.
 - Rodent control at Tank 4.
 - Installed safety screen at Dunn Ct pump and repaired sample port test line.

- **Distribution System**
 - R&R water meter box at 18583 State Hwy 120.

Pictures

Wastewater Collection System Division

Description	Total
Manholes Inspected	104
GIS Points	0
Customer Complaint	1
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	3338
Video Inspection (Feet)	420

Description	Total
Sanitary Sewer Spills (SSO)	0
SSO Gallons Spilled	0

Maintenance and Repair

- **Routine Tasks**
 - Weekly lift station site inspections (PMCS)
 - Added degreaser and odor control to lift stations.

- **Lift Stations**
 - Cleaned and Inspected: LS1, LS3, LS4, LS13, LS14, LS15, LS16.
 - Manhole Inspections: LS16 and Groveland
 - Remove roots and debris found during manhole inspections.
 - Maintain odor control chemical dosing pumps at LS6, LS8, LS11, LS13.
 - Pulled both pumps at LS7 to inspect for missing hardware.
 - Tested ATS (Automatic Transfer Switch) at LS11 and LS12.
 - Exercised and tested generator system at all lift stations.
 - R&R Generator Battery at LS13 and Firehouse.
 - Repaired light in cabinet at LS8.
 - Replace check valve seal at LS16.

- **Collection System**
 - Flushed/Jetted gravity sewer line areas.
 - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
 - Dosed sanitary system with caustic soda for PH at WWTP.
 - Located and Raised flushing branch to grade 17990 Harper Rd.
 - Odor Complaint at 19745 Pleasant View Dr (LS8)
 - Replaced batteries on flow meters at Cresthaven Dr and LS11.
 - R&R new manhole lid at 11236 Ward Ferry Rd.

Pictures

General Maintenance Division

Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
 - Inspected Cla-Valve.
- Butler Bypass Pump Station
- AWS
 - Delivered 12.5% hypochlorite barrels.
 - R&R security light bulbs.
- STP
 - R&R Flow Meter for Reservoir #1
 - Rebuild chlorine generator pump.
 - Cleaned plugged water jets on headworks drum and tested.
 - Inspect power issue to aerator in Reservoir #1. Installed generator to run aerator.

- **Maintenance Department**

- Equipment
 - Shop maintenance and cleaning.
 - Retrofitted new LED lights at Highlands pump station, Big Creek, 2G, and Tank 4.
 - Monthly Inspect and run at operating temperatures...
 - Rain for Rent, Sullair, Vactron, Cement mixer, Light Tower, STP generator, Dunn Ct Generator, AWS Generator, Standby Generator, Highlands Generator.
- Vehicles
 - 51618: R&R two tire pressure sensors. Service fluids and filters.
 - 41820: Inspect tires and install proper PSI. R&R tire pressure sensor.
 - 52229: Service fluids and filters and rotate tires.
 - 52335: Installed auxiliary fuel tank in truck bed.
- Buildings & Yard
 - General yard cleanliness.
 - Vegetation management.
 - Replaced gate and fortified locks and latches at 37-acre parcel.
 - Repaired chain and lubed main gate at WWTP.

Pictures

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance.
 - Install new irrigation line for park strip near new restrooms.
 - Installed Doggy Doo stations.
 - Relocate library sign at park entrance.
 - Installed new restrictor inserts on trash bins to discourage dumping from home and large items.

- **Ballfield & Dog Park**
 - Change gate code at dog park.
 - Prepare field and restrooms for Tioga HS practice startup.

Contracted Work

- **Njirich Construction**
 - Water main extension – Harper Rd.
 - Tank 5 site work for new tank.
 - Hydrant replacement on Ferretti Rd. GCSD assist with traffic control.

Workplace Safety and Training

- **Routine Safety Meetings**
 - Daily Tailgate Meetings
 - Weekly Safety Meetings
 - Weekly Security Checks
 - Weekly Vehicle Inspection

- **DKF Solutions Group**
 - Estimating Spill Start Time and Spill Volume – Strategies and Methods Training