



Information Provided By

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 Maintenance Supervisor: Andrew Klein
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**Operations and Maintenance Report
 August 2024**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	3.21
Average	0.10
High	0.16
Low	0.08

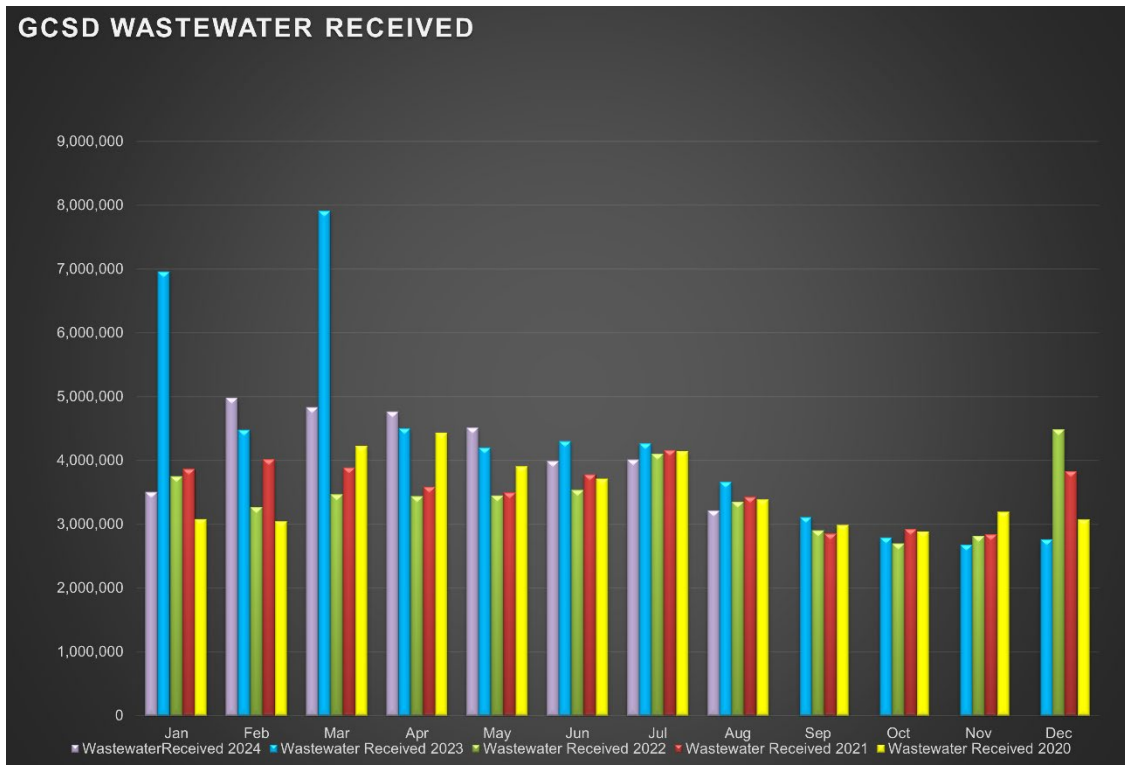
Effluent Totals	
Total	3.21
Average	0.11
High	0.16
Low	0.08

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

Wasting Totals	
Total Inches	145
Total Pounds	3267
Active Accounts	1572

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2024	2023	2022	2021	2020
0.00	0.00	1.10	0.12	0.00	0.01
	High 0.00	High 0.48	High 0.12	High 0.00	High 0.01

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

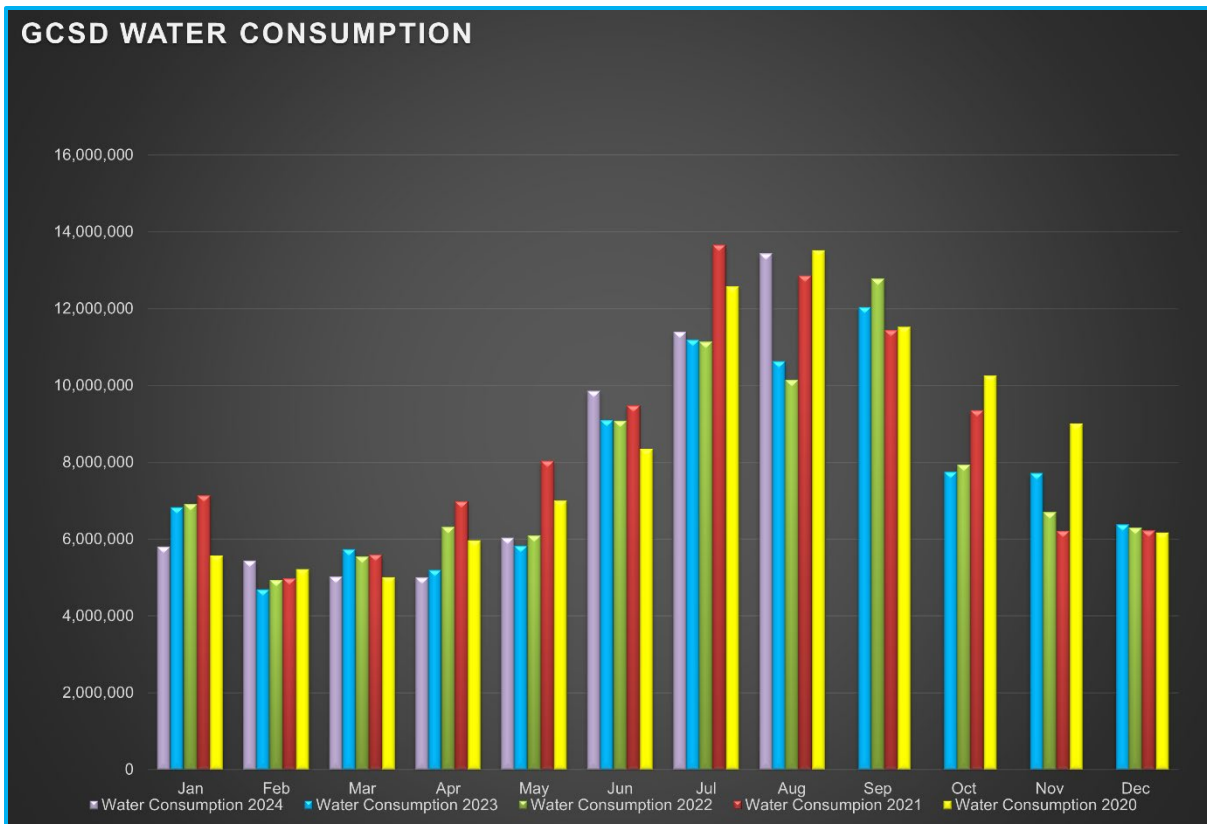
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	8
Water Meters Installed	1
Monthly Meter Restrictions	0
Meter Lock offs	4
Meter Changeouts	4
Tenant Final Reads	6
Re-Reads	8
Meter Turn-Offs	3
Meter Turn-Ons	0
Meter Tests	0
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	2
Total Meter Related Issues	36

Billed Consumption (Gallons)	2024	2023	2022
Residential	12,608,417	9,806,619	9,376,760
Commercial	821,552	815,038	770,167
Total	13,429,969	10,621,657	10,146,927

Active Accounts	3274
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Charted Historical Monthly Water Consumption



Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	2
Water Service Line Leaks / Repairs	1
Fire Hydrant Repairs / Replacements	2
Number of Hydrants Flushed	13
Number of Dead-Ends Flushed	12
Water Valves Exercised	12
GIS Points	0

Description	Gallons
Flushing for Water Quality	55,000
Water Loss Due to Leaks / Breaks	209,130

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
4	14	1	3	22

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**
 - Remove generator from AWS for transport to Industrial Electric for repairs.

- **Distribution System**
 - Continue water service line survey to identify Lead and Copper water service lines.
 - Fire Hydrant Repair on Back St.
 - Fire Hydrant Repair on Longview St.
 - Water service line repair 20128 Lower Skyridge Dr.
 - Water mainline repair at 20700 Longview St.
 - Water mainline repair at 19483 Elder Ln.
 - Water service line replacements at 20350 Pine Mtn Dr. and 20355 Rock Canyon Way.
 - Repair water mainline at 19210 State Hwy 120.

Pictures

Wastewater Collection System Division

Description	Total
Manholes Inspected	40
GIS Points	0
Customer Complaint	0
Odor Complaints	2

Description	Total
Flushing/Jetting (Feet)	0
Video Inspection (Feet)	300

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: LS5, LS6 LS7, LS8.
 - Manhole Inspections LS9 and LS10.
 - Remove roots and debris found during manhole inspections.
- **Collection System**
 - Flushed/Jetted gravity sewer line areas.
 - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.

Pictures

General Maintenance Division

Maintenance By Department

- **Operations Department**
 - 2G Water Treatment Plant
 - Big Creek Water Treatment Plant
 - Butler Bypass Pump Station
 - AWS
 - STP
 - Clean and prepare “new” equipment for installation into headworks.
- **Maintenance Department**
 - Equipment
 - Shop tool maintenance and cleaning.
 - 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.
 - LS8 Generator service. R&R main fuse in PLC cabinet.
 - LS16 R&R generator battery.
- Vehicles
 - 41719: R&R tires.
 - 62026: Rewire trailer brake system so that trailer brakes will work properly.
 - 50415: R&R tires and empty fuel load for transport to shop for repairs.
 - 70981: Diagnose “Engine Light.” R&R coolant temperature sensors. Found problem with wiring harness near belt pulley. Performed “B” Service. Service engine oil and oil/air/fuel filters. R&R leaking power steering and ATF lines. Degreased engine bay.
 - 79783: Performed “B” Service.
 - Buildings & Yard
 - Cleared blockage on AC drain line in Admin building.
 - General yard cleanliness.
 - Vegetation management.

Pictures

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance.
 - Movies in the park set up.
 - Installed lighting conduit and pull boxes for new bus structure.
 - Moved bench to drinking fountain area.
 - Moved ML Park rock and plaque to alcove behind lawn.
- **Ballfield & Dog Park**
 - Mowing and bathroom maintenance

Contracted Work

- Njirich Construction
 - Mary Laveroni Park upgrades are continuing.

- SMCI
 - WWTP Headworks upgrades are continuing.
- Industrial Electric
 - Automatic Transfer Switch (ATS) upgrades at LS10 and LS12.
- Moyle Construction/H&R
 - Lift Station Rehabs at LS5, LS6, LS7, LS8, and LS10.
 - Asphalt Patching.
 - Warranty work on earlier CIP replacements.
- Cla-Val
 - Cla- Valve servicing and repairs on pressure reducing valves and pressure relief valves.

Workplace Safety and Training

- Routine Safety Meetings
 - Daily Tailgate Meetings
 - Weekly Safety Meetings
 - Weekly Security Checks
 - Weekly Vehicle Inspection
- GCSD – All Employees
 - Workplace Violence Prevention Plan