



Information Provided By

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 Operations Supervisor: Open Position
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 Utility Billing Specialist: Meghan Atkins

**Operations and Maintenance Report
 July 2024**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	4.00
Average	0.13
High	0.21
Low	0.07

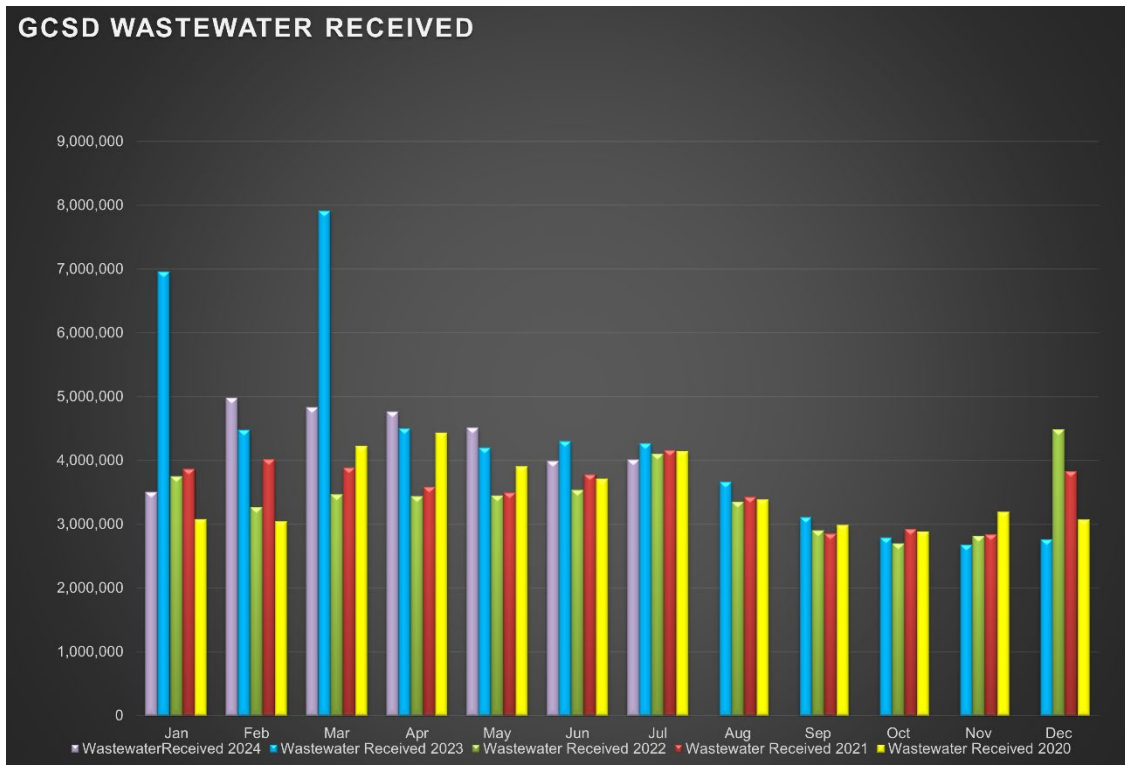
Effluent Totals	
Total	4.00
Average	0.13
High	0.21
Low	0.10

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

Wasting Totals	
Total Inches	192
Total Pounds	5840
Active Accounts	1572

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

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

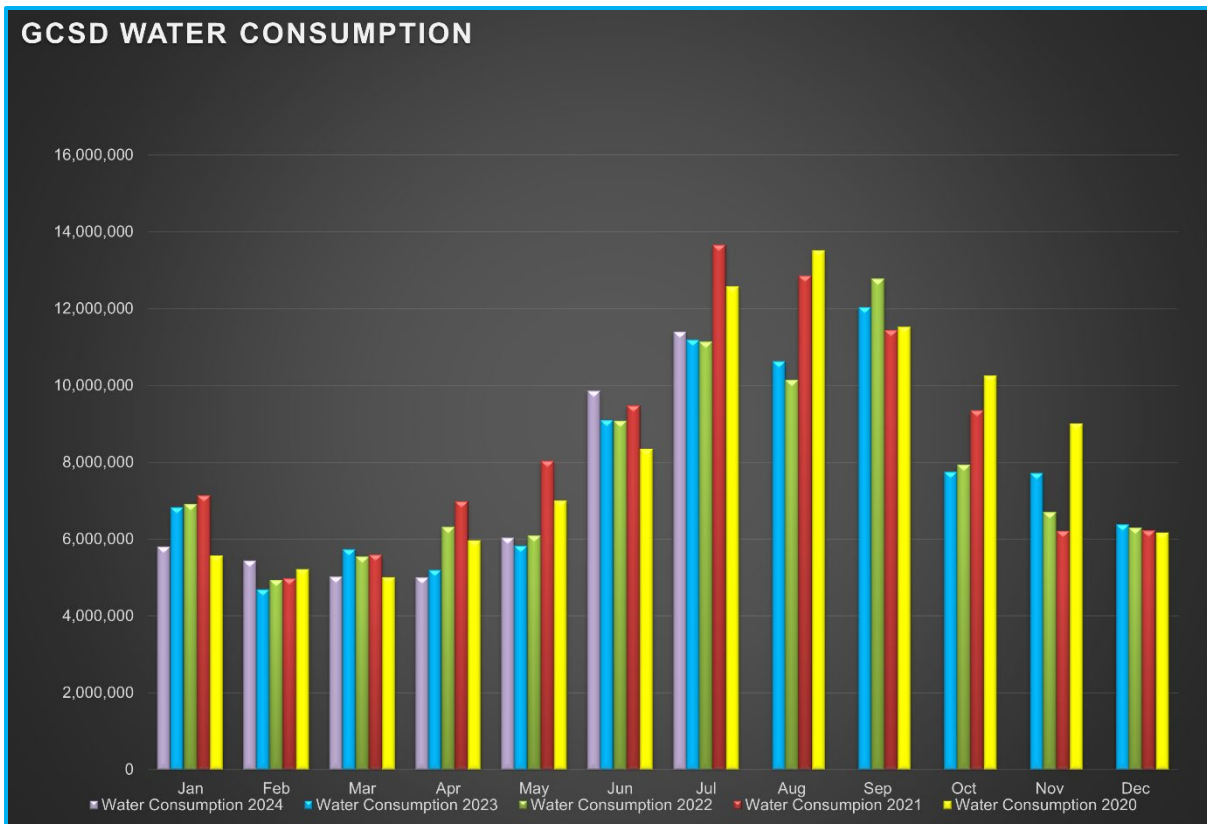
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	18
Water Meters Installed	2
Monthly Meter Restrictions	0
Meter Lock offs	5
Meter Changeouts	10
Tenant Final Reads	3
Re-Reads	30
Meter Turn-Offs	1
Meter Turn-Ons	9
Meter Tests	1
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	3
Total Meter Related Issues	82

Billed Consumption (Gallons)	2024	2023	2022
Residential	10,642,357	10,487,154	10,302,426
Commercial	751,148	690,486	831,216
Total	11,393,505	11,177,640	11,133,642

Active Accounts	3275
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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	2
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	10
Number of Dead-Ends Flushed	8
Water Valves Exercised	3
GIS Points	0

Description	Gallons
Flushing for Water Quality	221,950
Water Loss Due to Leaks / Breaks	196,400

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
3	23	1	0	27

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.
- Bi-annual zero-meter reads.

- **Tanks and Pump Stations**

- Disinfect Big Creek Clear Well.
- Fill and sample for BAC-T for return to service.

- **Distribution System**

- Continue water service line survey to identify Lead and Copper water service lines.
- Install flushing line on Rosetta Ct
- R&R meter washers U2/L214 and U15/L13.
- R&R filter on PRV on Hwy 120 x-Catholic Cemetery St.
- R&R leaking water service line at 18767 Back St.
- Repair leaking water service line at U3/L132A.
- Repair water mainline at 19210 State Hwy 120.

Pictures

Unfortunately, technical difficulties with the pictures this month.

Wastewater Collection System Division

Description	Total
Manholes Inspected	100
GIS Points	0
Customer Complaint	0
Odor Complaints	5

Description	Total
Flushing/Jetting (Feet)	310
Video Inspection (Feet)	203

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: LS9, LS10, LS11, LS12.
 - Manhole Inspections Groveland and LS16.
 - Remove roots and debris found during manhole inspections.
 - Adjust lead and lag pump start level at LS10.
 - Cleaned PT at LS8.
 - Diagnose power issues at LS6 and LS15. Seems to be caused by PG&E brownouts.
 - R&R cabinet fans at LS5 and LS11.
 - Serviced generator at LS16.
- **Collection System**
 - Flushed/Jetted gravity sewer line areas.
 - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
 - Remove easement gate on Otter Ct.

Pictures

General Maintenance Division

Maintenance By Department

- **Operations Department**
 - 2G Water Treatment Plant

- Big Creek Water Treatment Plant
- Butler Bypass Pump Station
 - Serviced generator inspected and replaced batteries, R&R charge cord, installed and tested.
- AWS
- STP
 - Vacuum out contact basin.
- **Maintenance Department**
 - Equipment
 - Shop tool maintenance and cleaning.
 - Repair weed eater.
 - Service walk-behind saw and repaired pull start rope.
 - Repaired hand leaf blower.
 - 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.
 - Run stations on generator power and inspect operation at Tank 2, Tank 4, LS3, LS4, LS5, LS6, LS11, LS12, LS13, LS14, LS15, and Butler bypass.
 - Vehicles
 - 32325: Repair bucket.
 - 39512: Serviced and cleaned.
 - 41825: R&R battery, serviced oil and filter, rotated tires.
 - 42334: Serviced oil and filter, rotated tires, and R&R cab filter.
 - 51618: R&R Differential, bearings, gears. R&R front brakes and calipers.
 - 60523: Repaired windshield washer hose on passenger side.
 - 60524: Repair water tank.
 - 62026: R&R air filter.
 - 62330: Remove hydraulic pump and front pump driveline to diagnose failure. Order pump seal. Send driveline out to be balanced.
 - 62333/12210: 90-day inspection.
 - 79783: Inspected for report of blown turbo. Found no problems.
 - 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.
 - Assist with cleanup of Bairds Hotel concrete demo cleanup
 - Movies in the park setup.

- **Ballfield & Dog Park**
 - Mowing and bathroom maintenance
 - Rebuild irrigation manifold to repair leak.

Contracted Work

- Njirich Construction
 - Mary Laveroni Park upgrades!! Yay!!!

- SMCI
 - WWTP Headworks upgrades!! Yay!!

Workplace Safety and Training

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

- Du-All Safety
 - Lockout/Tagout and Electrical Safety Training