



Information Provided By

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 Operations Supervisor: Open Position
 Maintenance Supervisor: Andrew Klein
 Administration Services Technician: Rachel Pearlman
 Utility Billing Specialist: Meghan Atkins

**Operations and Maintenance Report
 May 2024**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	4.51
Average	0.15
High	0.21
Low	0.09

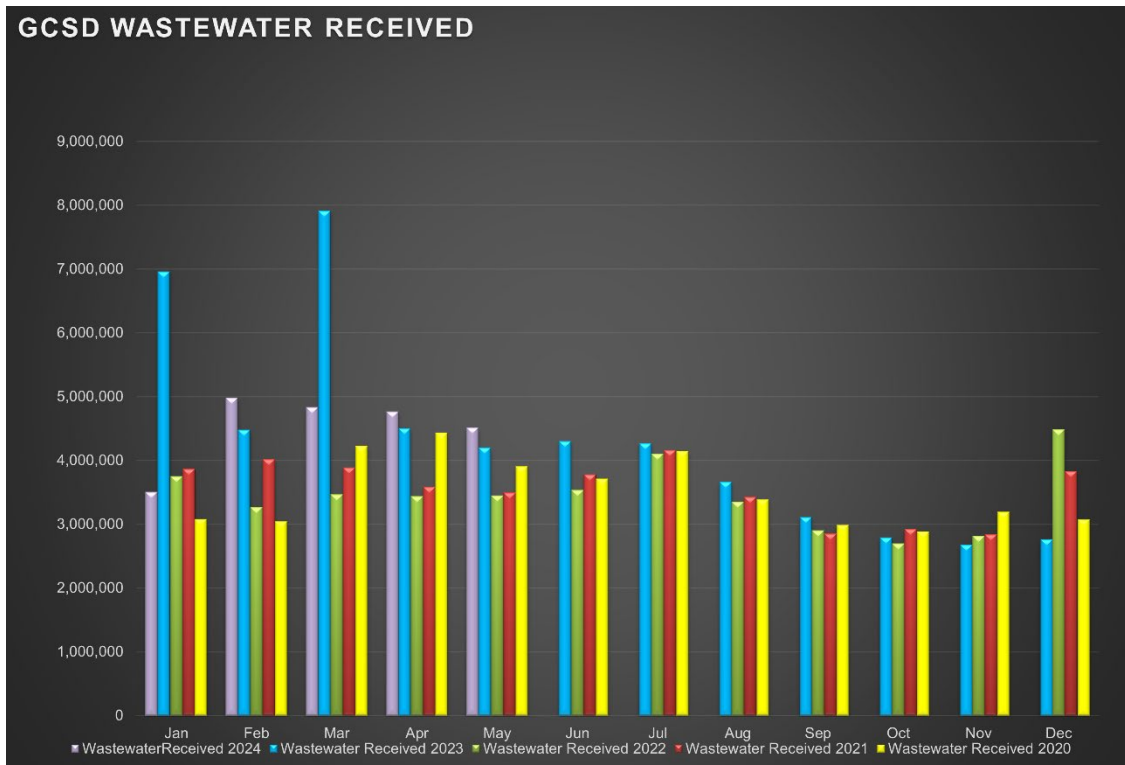
Effluent Totals	
Total	4.47
Average	0.14
High	0.22
Low	0.08

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

Wasting Totals	
Total Inches	150
Total Pounds	1659
Active Accounts	1571

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2024	2023	2022	2021	2020
	32.29	1.52	0.52	0.07	1.97
	High 1.52	High 0.20	High 0.07	High 0.00	High 1.23

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

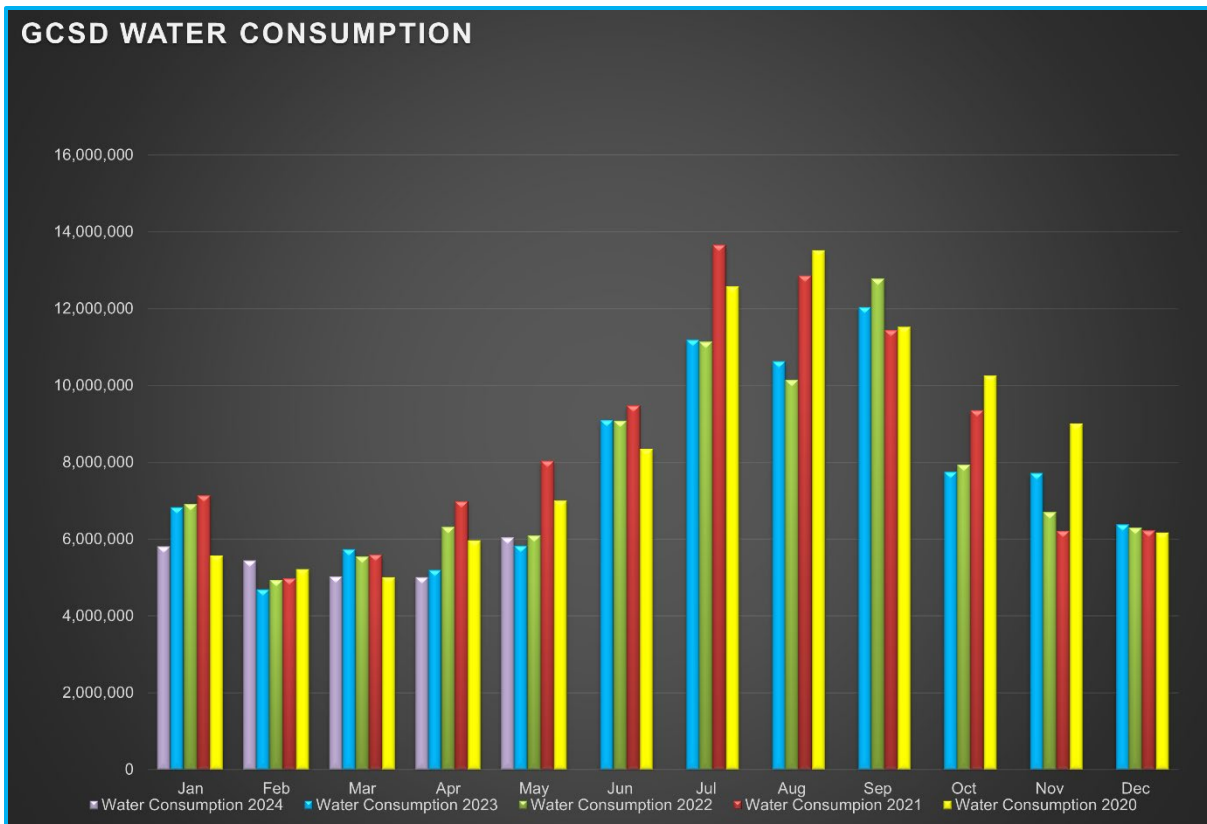
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	21
Water Meters Installed	2
Monthly Meter Restrictions	0
Meter Lock offs	5
Meter Changeouts	1
Tenant Final Reads	3
Re-Reads	24
Meter Turn-Offs	1
Meter Turn-Ons	16
Meter Tests	0
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	2
Total Meter Related Issues	75

Billed Consumption (Gallons)	2024	2023	2022
Residential	5,568,080	5,348,825	5,670,606
Commercial	466,821	469,225	420,166
Total	6,034,901	5,818,050	6,090,772

Active Accounts	3272
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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	7
Number of Dead-Ends Flushed	1
Water Valves Exercised	0
GIS Points	0

Description	Gallons
Flushing for Water Quality	4,600
Water Loss Due to Leaks / Breaks	0

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
6	13	2	0	21

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.

- **Tanks and Pump Stations**
 - Disinfect Big Creek Clear Well.

- **Distribution System**
 - Continue water service line survey to identify Lead and Copper water service lines.
 - Install new meter at 20603 Longridge Ct.
 - Perform winter averaging audits.

Pictures

Wastewater Collection System Division

Description	Total
Manholes Inspected	79
GIS Points	0
Customer Complaint	0
Odor Complaints	2

Description	Total
Flushing/Jetting (Feet)	0
Video Inspection (Feet)	560

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: LS13, LS14, LS15, LS16.
 - Manhole Inspections LS6, LS8.
 - 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.
 - Repair lateral cleanout (roots and buried) at 18829 Foote St.
 - New sewer lateral tie-in at 20603 Longridge Ct.
 - Locate sewer lateral at 20000 Pleasant View Dr for contractor.

Pictures



General Maintenance Division

Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
- Butler Bypass Pump Station
- AWS
- STP
 - Remove effluent pump for rebuild.
 - Vegetation management at E-Basin
 - Mow spray Fields

- **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.
- Vehicles
 - 39152: Prepared for mowing, repaired PTO, Replace mower output shaft.
 - 51618: Oil change and filter service. R&R tires.
 - 41820: Serviced oil and filters, rotated tires.
 - 52331: Serviced oil and filters, checked brakes.
- Buildings & Yard
 - General yard cleanliness.
 - Vegetation management.

Pictures

- **Parks Division**

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance.
 - Install Sunshade over stage area
- **Ballfield & Dog Park**
 - Mowing and bathroom maintenance
 - Install light timer for bathrooms.

Contracted Work

- Moyle Excavation/H&R.
 - Lift Station Rehab. LS5, LS6, LS7, LS8, LS9, LS10
- Don Pedro Pump
 - R&R Big Creek turbine pump
- Industrial Electric
 - Rebuild Effluent Pump
 - Diagnose generator errors at LS11. Temporary generator on site until repairs can be made.

Workplace Safety and Training

- Routine Safety Meetings
 - Daily Tailgate Meetings
 - Weekly Safety Meetings
 - Weekly Security Checks
 - Weekly Vehicle Inspection
- Du-All Safety
 - Heavy Equipment and Forklift training.