



Information Provided By

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**Operations and Maintenance Report
 December 2023**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	2.76
Average	0.09
High	0.20
Low	0.06

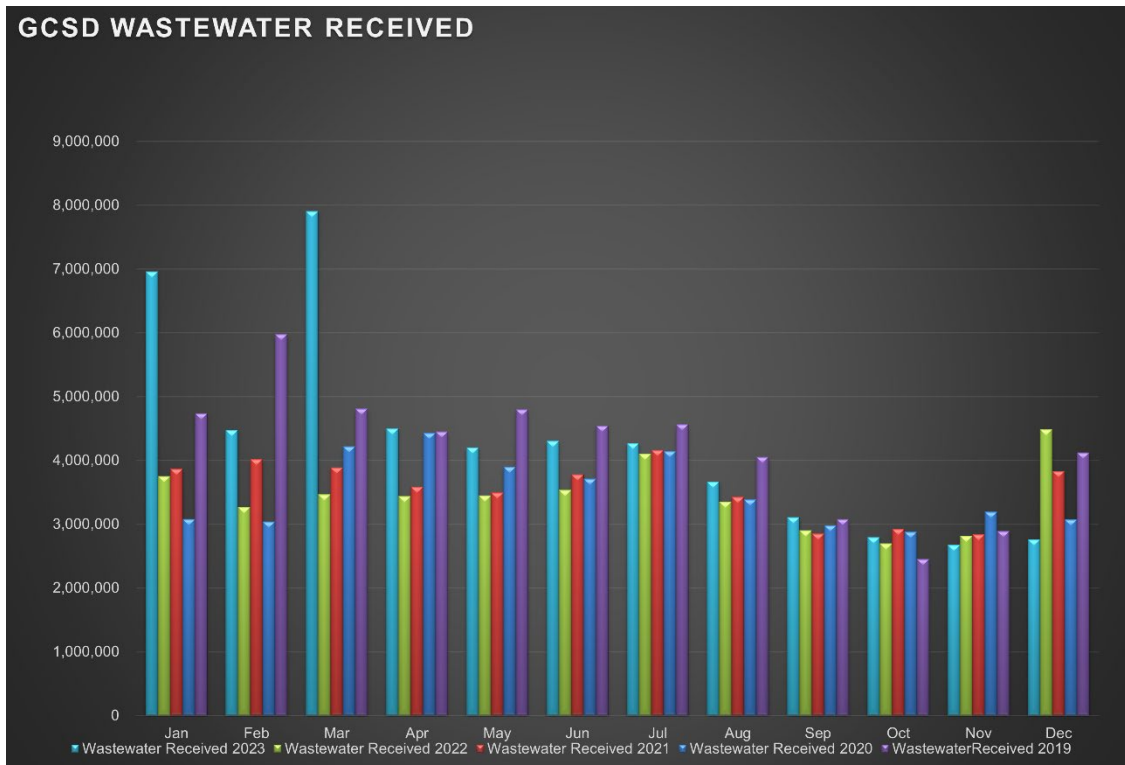
Effluent Totals	
Total	3.02
Average	0.10
High	0.21
Low	0.06

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

Wasting Totals	
Total Inches	111
Total Pounds	1761
Active Accounts	1568

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2023	2022	2021	2020	2019
6.00	2.68	18.41	12.47	3.41	10.02
	High 0.80	High 4.10	High 2.50	High 0.82	High 3.73

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

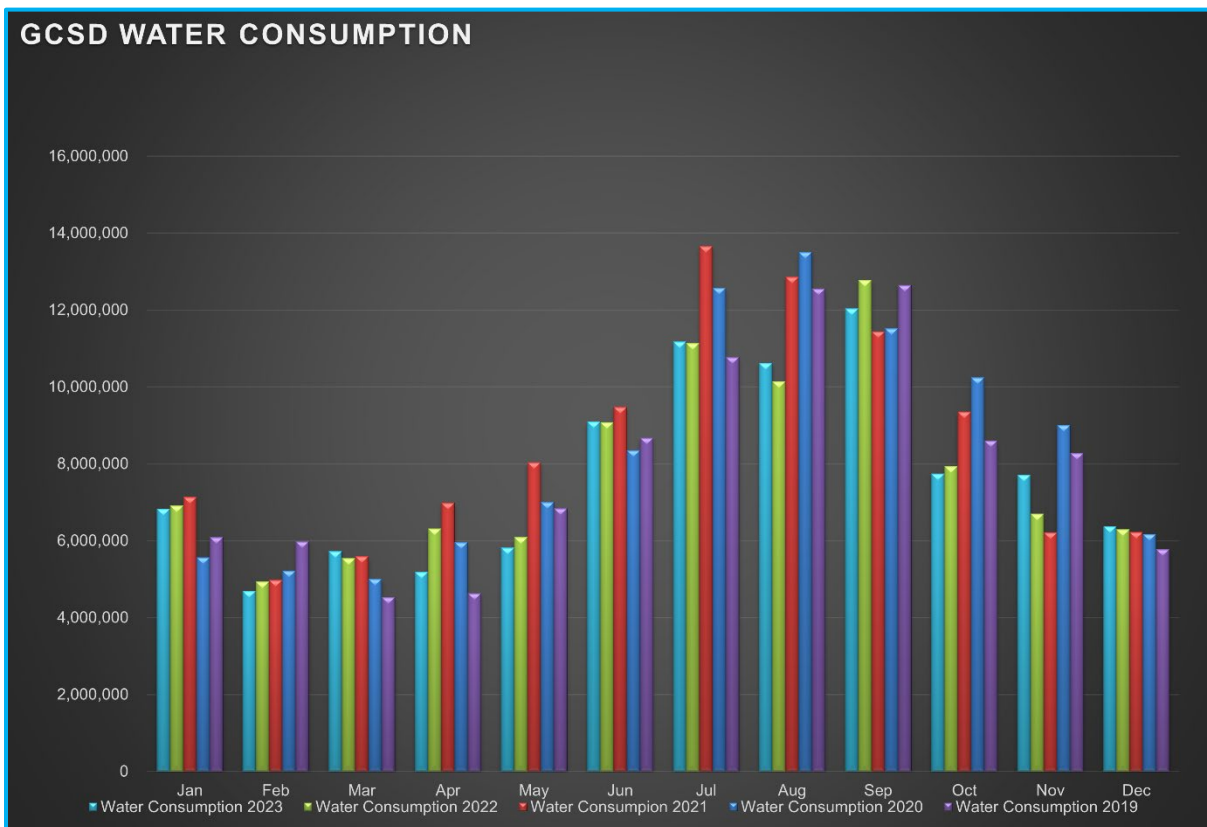
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	13
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Lock offs	14
Meter Changeouts	1
Tenant Final Reads	1
Re-Reads	15
Meter Turn-Offs	0
Meter Turn-Ons	15
Meter Tests	1
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	1
Total Meter Related Issues	61

Billed Consumption (Gallons)	2023	2022	2021
Residential	6,011,536	5,869,502	5,409,396
Commercial	368,541	425,835	413,648
Total	6,380,077	6,295,337	6,236,692

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	1
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	14
Number of Dead-Ends Flushed	0
Water Valves Exercised	0
GIS Points	0

Description	Gallons
Flushing for Water Quality	39,500
Water Loss Due to Leaks / Breaks	9,500

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
3	2	0	1	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.

- **Tanks and Pump Stations**

- **Distribution System**
 - Backflow Testing/Repairs.
 - Water Service Line repair at 12500 Fountain Cir.

Pictures

Wastewater Collection System Division

Description	Total
Manholes Inspected	100
GIS Points	0
Customer Complaint	2
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	180
Video Inspection (Feet)	354

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 LS15.
 - Replaced electrical outlets at LS3 and LS4.
 - Replaced water pump at LS3.
 - Replaced hour meter and cleaned crank case vent filter at LS15.
 - R&R radiator caps and top off fluid at LS3, LS5, LS6, LS10, LS11, LS12, LS14, ad LS15.
- **Collection System**
 - Flushed/Jetted gravity sewer line areas.
 - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
 - Located buried MH at U3/L320 on Rock Canyon Dr.

Pictures

General Maintenance Division

Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
 - Cleaned lime tank.
- Big Creek Water Treatment Plant
 - Cleaned lime tank.
- Butler Bypass Pump Station
 - Reprogram pump soft starts.
 - Inspected generator and ATS on emergency power while running both pumps.
- AWS
- STP
 - R&R Motor, Clean motor and pump shafts, realigned pump and motor and tested.
 - Repair polymer pump for press process.
- Reservoir 2 – STP Pond
- Water Storage Tank 4
 - Diagnose and reset P1 fail and VFD.
- Water Storage Tank 5

- **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
 - 41820: Install new lift gate.
 - 50817: Serviced oil, oil filter, air filter and fuel filter. R&R Belt tensioner.
 - 60524: R&R blend door actuator on vehicle cab heating system.
 - 20350: R&R water pump gasket to repair leak.
 - 70981: R&R speedometer gauge and calibrate. Repair electrical fuse.
- Buildings & Yard
 - General yard cleanliness.
 - Vegetation management.

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance.

- **Ballfield & Dog Park**
 - Treat infield for weed growth.
 - Welded in bracing for gate frame and readjusted gate hinges.

Contracted Work

- **Industrial Electric**
 - Waiting on additional parts to complete repair at AWS generator
- **Du-All Safety**
 - Hearing Conservation, Silica Safety, PPE Safety Training, Respiratory Protection, Temporary Traffic Control and Flagger Safety Training with field staff.

Workplace Safety and Training

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