



**Information Provided By**

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**Operations and Maintenance Report  
 October 2024**

**Operations Department**

**Wastewater Treatment Division**

Influent Totals	
Total	2.56
Average	0.08
High	0.12
Low	0.05

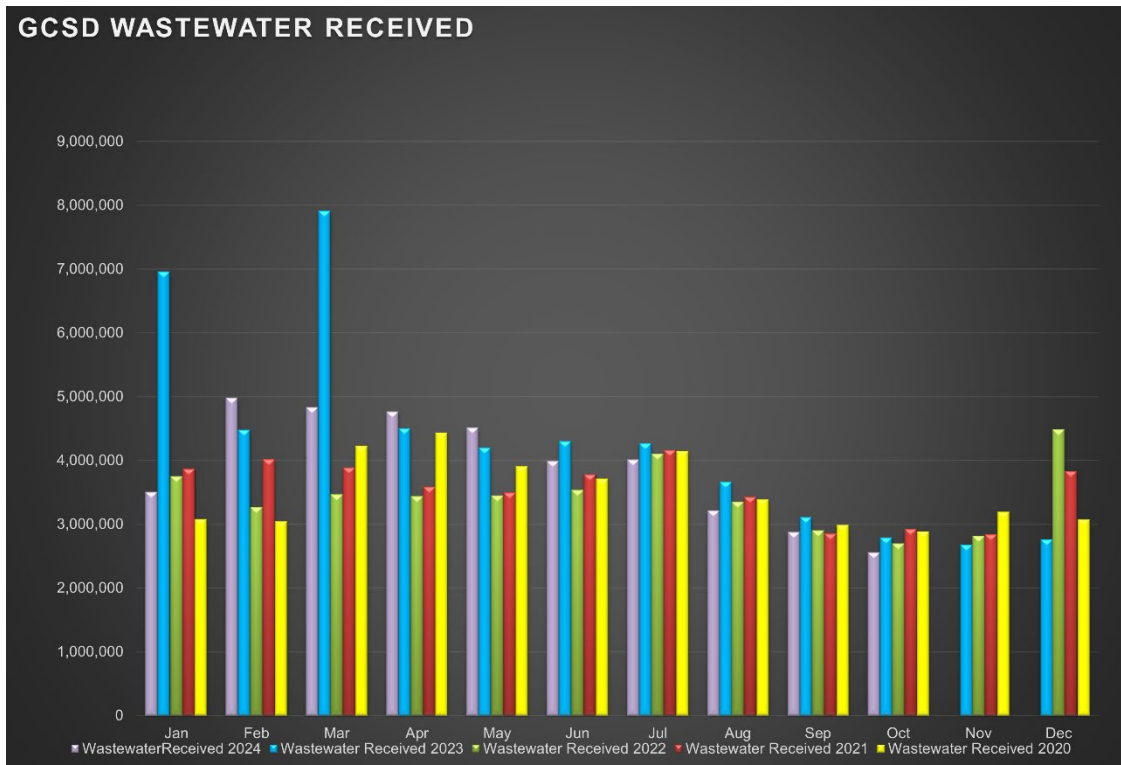
Effluent Totals	
Total	2.63
Average	0.09
High	0.17
Low	0.05

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

Wasting Totals	
Total Inches	293
Total Pounds	902
Active Accounts	1570

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2024	2023	2022	2021	2020
	1.60	0.14	0.05	6.59	0.00
	High 1.50	High 0.14	High 0.05	High 4.77	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

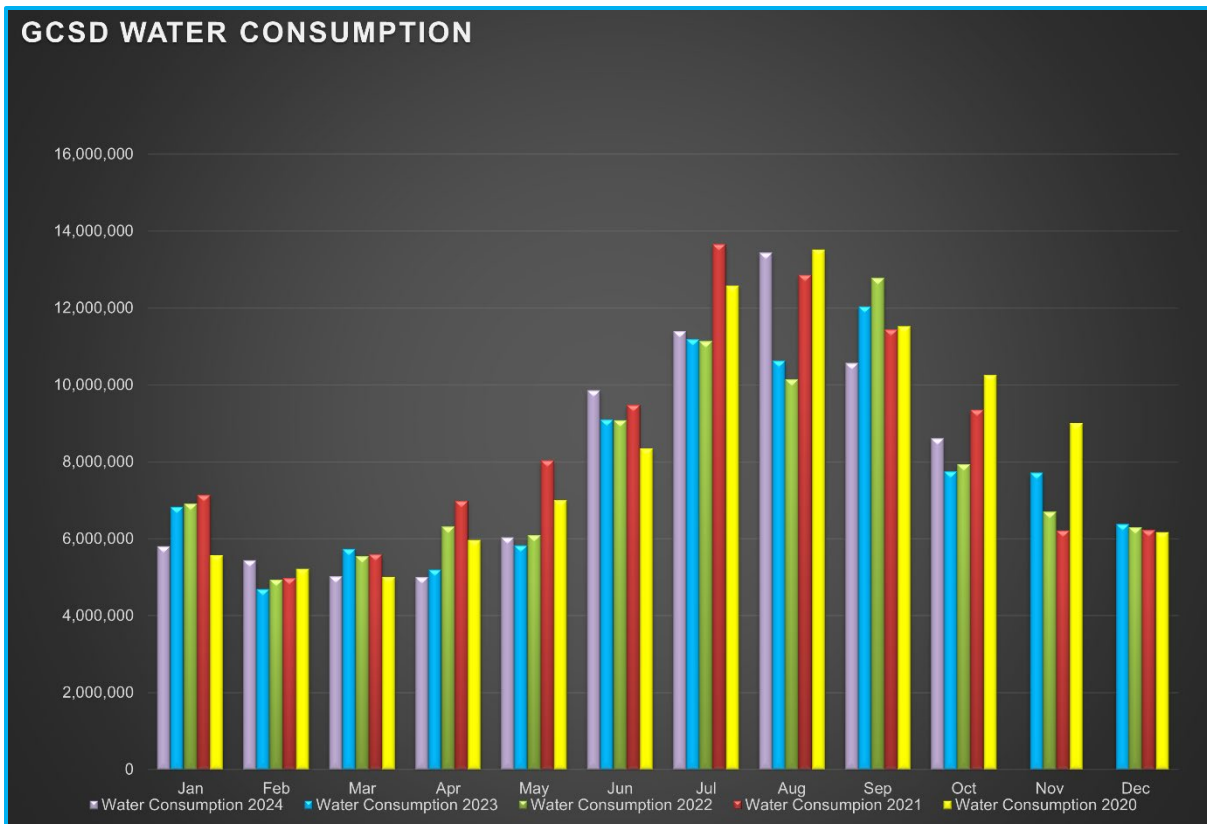
## Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	4
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Lock offs	5
Meter Changeouts	1
Tenant Final Reads	3
Re-Reads	16
Unusual Consumption	21
Meter Turn-Offs	9
Meter Turn-Ons	5
Meter Tests	1
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	2
<b>Total Meter Related Issues</b>	<b>67</b>

Billed Consumption (Gallons)	2024	2023	2022
Residential	8,021,495	7,189,892	7,462,514
Commercial	588,886	554,972	474,349
<b>Total</b>	<b>8,610,381</b>	<b>7,744,864</b>	<b>7,936,863</b>

<b>Active Accounts</b>	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	3
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	15
Number of Dead-Ends Flushed	7
Water Valves Exercised	0
GIS Points	0

Description	Gallons
Flushing for Water Quality	17,100
Water Loss Due to Leaks / Breaks	3,500

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
6	11	0	2	19

**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**
  - Testing and inspections of generators and transfer switches at treatment plants, tanks, and pumping stations.
  - Service Tank 2 generator.
  
- **Distribution System**
  - Continue water service line survey to identify Lead and Copper water service lines.
  - Repair water service line at 19532 Elder Ln.
  - Repair water service line at 12475 Tannahill Dr.
  - Repair water service line at 20826 Point View Dr.
  - Replace broken water meter at U1/L210.

**Pictures**

## Wastewater Collection System Division

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

Description	Total
Flushing/Jetting (Feet)	3338
Video Inspection (Feet)	2296

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 LS12. And LS14
  - Remove roots and debris found during manhole inspections.
  - Maintain odor control chemical dosing pumps at LS6, LS8, LS11, LS13.
  - Repair LS10 generator block heater.
  - Testing and inspections of generators and transfer switches at all lift stations, treatment plants, tanks, and pumping stations.
  - R&R Pump 2 at LS5 for repair.
  
- **Collection System**
  - Flushed/Jetted gravity sewer line areas.
  - Deployed CCTV camera on flushing truck. Identified roots in mainline at U12/L161.
  - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
  - Dosed sanitary system with caustic soda for PH at WWTP.

## Pictures

## General Maintenance Division

### Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
  - R&R faulty lime mixer.
  - Cleaned septic tank and jetted waste line.
- Butler Bypass Pump Station
- AWS
- STP
  - Diagnose air system valving.
  - Repair OMAR.
  - Repaired wiring around plant.
  - Concrete crack sealing and vegetation management around flume.
  - Clean chlorine contact tank.
  - Removed influent pump for replacement.

- **Maintenance Department**

- Equipment
  - Shop 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
  - 42030: Lube service and tire rotation.
  - 42436: Decal installation and prepare for use.
  - 60523: 90-Day Inspection.
  - 60524: 90-Day Inspection.
  - 62333/12210: 90-Day Inspection.
  - 62330: 90-Day Inspection.
  - 70783: Diagnose A/C and ventilation, brake retarder not working, code 3 lights not working, R&R side and rear-view flood lights, repair hose holders. Transmission service.
- Buildings & Yard
  - General yard cleanliness.
  - Vegetation management.
  - Replaced GFI at fire house kitchen.
  - Ice Machine maintenance.

## Pictures

## **Parks Division**

### **Maintenance and Repair**

- **Mary Laveroni Community Park**
  - Landscape Maintenance.
  - Remove shade netting over stage area.
  - Built park benches for ML Park.
  
- **Ballfield & Dog Park**
  - Mowing and bathroom maintenance

### **Contracted Work**

- Njirich Construction
  - Mary Laveroni Park upgrades are continuing.
- SMCI
  - WWTP Headworks upgrades are continuing.

### **Workplace Safety and Training**

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