



**Information Provided By**

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**Operations and Maintenance Report  
 October 2023**

**Operations Department**

**Wastewater Treatment Division**

Influent Totals	
Total	2.79
Average	0.09
High	0.13
Low	0.05

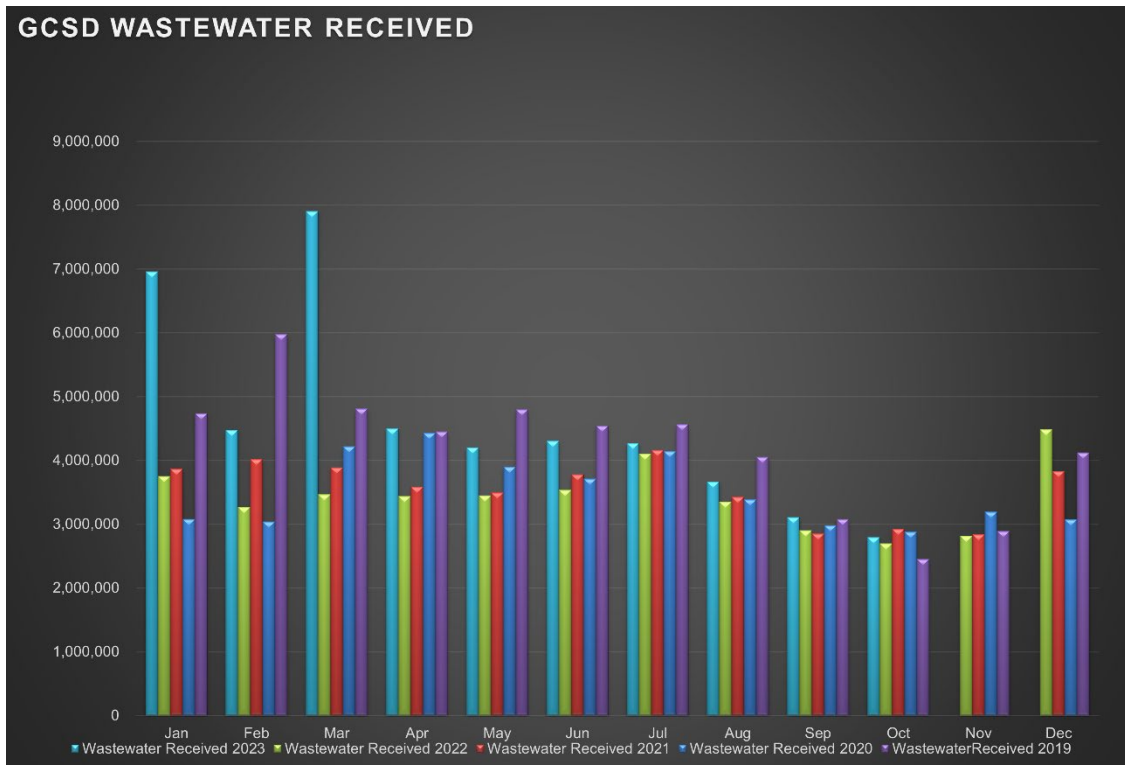
Effluent Totals	
Total	3.12
Average	0.10
High	0.23
Low	0.07

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

Wasting Totals	
Total Inches	82
Total Pounds	1351
Active Accounts	1568

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2023	2022	2021	2020	2019
	1.54	.14	0.05	6.59	0.00
	High 0.08	High 0.05	High 4.77	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

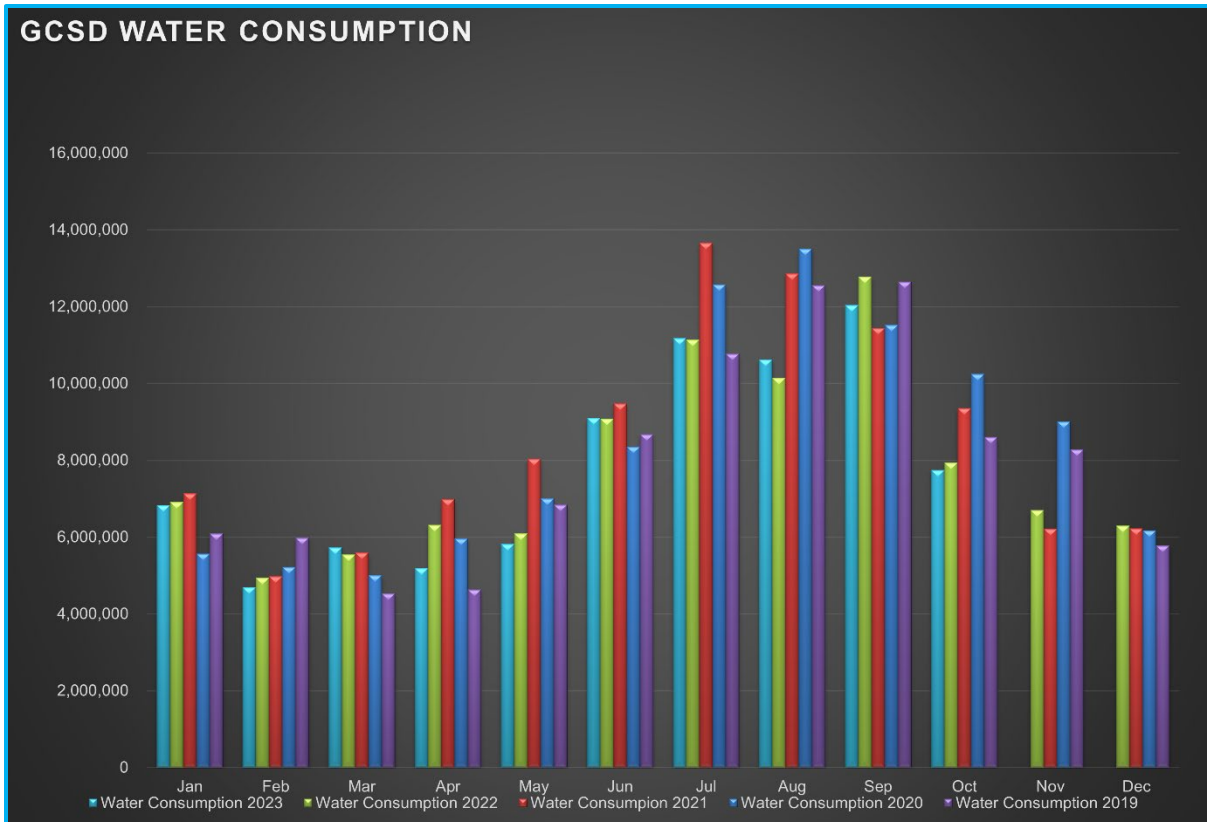
Meter Related Services	Total
Check / Repair Meters	7
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Lock offs	8
Meter Changeouts	27*
Tenant Final Reads	2
Re-Reads	38
Meter Turn-Offs	1
Meter Turn-Ons	6
Meter Tests	3
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	3
<b>Total Meter Related Issues</b>	<b>57</b>

Billed Consumption (Gallons)	2023	2022	2021
Residential	7,189,892	7,462,514	8,635,813
Commercial	554,972	474,394	697,513
<b>Total</b>	<b>7,744,864</b>	<b>7,936,863</b>	<b>9,350,422</b>

<b>Active Accounts</b>	3269
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\*16 meters changed out in October. 11 meters previously changed out were recoded in Springbrook.

## Charted Historical Monthly Water Consumption



**Maintenance and Repair Data**

Description	Total
Water Main Leaks / Repairs	1
Water Service Line Leaks / Repairs	1
Fire Hydrant Repairs / Replacements	1
Number of Hydrants Flushed	28
Number of Dead-Ends Flushed	13
Water Valves Exercised	7
GIS Points	0

Description	Gallons
Flushing for Water Quality	217,200
Water Loss Due to Leaks / Breaks	50,875

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
10	7	0	0	17

**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**
  - Repaired hydrant stem at 19385 Ferretti Rd.
  - Repaired failed sand separator at 12933 Mueller Dr.
  - Removed sand filter from system and replumbed water service line at U8/L141 & L140.
  - Repair after hours water main break at 19701 Old Hwy 120.
  - Replace water main valve (broken closed) at 19177 State Hwy 120.
  - Install 16 Verizon meters on meter read route 17 to eliminate manual reads.
  - Remove sand filter and replumb manifold to customer service at U13/L93.
  - Dead end flushing Units 9, 11, 12, and 13.

Pictures

Water Main Repair – Old Highway 120



## Wastewater Collection System Division

Description	Total
Manholes Inspected	94
GIS Points	0
Customer Complaint	1
Odor Complaints	1

Description	Total
Flushing/Jetting (Feet)	300
Video Inspection (Feet)	140

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: LS16, LS15, LS14, LS13.
  - Manhole Inspections LS12 and LS14.
  - Refuel generators at LS11 and LS12.
  - Replaced oil pressure gauge on LS11 Generator.
  - Replaced generator main breaker at LS2.
  - Replaced battery charger at LS2.
- **Collection System**
  - Flushed/Jetted gravity sewer line areas.
  - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
  - Confirm that 11965 Bisordi Ln is tied into sewer system using CCTV and dye tablets.
  - Locate and uncover manhole buried under asphalt on State Hwy 120.

## Pictures

## General Maintenance Division

### Maintenance By Department

- **Operations Department**
  - 2G Water Treatment Plant
    - Cleaned interior drain lines.
    - Replaced four CL17 chlorine monitors with more efficient CL10 chlorine monitors.
  - Big Creek Water Treatment Plant

- R&R cooling fan motor in turbine building.
  - Replaced four CL17 chlorine monitors with more efficient CL10 chlorine monitors.
- AWS
  - Voltage regulator diagnosis.
- STP
  - R&R recycled water flow meter and installed new head unit.
  - Disced spray fields.
  - Repair drainpipe in drying beds.
- Reservoir 2 – STP Pond
  - R&R transformer in control panel. R&R motor saver unit.
- Water Storage Tank 4
  - Serviced generator. Replace oil, filter, and both fuel filters.
- Water Storage Tank 5
  - Clean drain line at overflow tank.
  - Relocate pressure transducer to temporary tanks for CIP project at tank.

- **Maintenance Department**

- Equipment
  - Shop tool maintenance and cleaning.
  - Serviced Mechanic shop air compressor.
  - Service fire house generator.
  - 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

- 70981: R&R rear tires. R&R Primer pump and motor assembly.
  - 51618: R&R brake hydro boost.
  - 20340: Replaced one bulb & cleaned lenses. Changed oil, filter, fuel filter and water separator filter.
  - 52331: Deliver to dealer for Brake hydro boost replacement (Warranty).
  - 50817: R&R Tires
  - 52229: R&R Tires.
  - 62330: Diagnose CAN failures and reset aux engine regen lights.
- Buildings & Yard
  - General yard cleanliness.
  - Vegetation management.

## **Parks Division**

### **Maintenance and Repair**

- **Mary Laveroni Community Park**
  - Landscape Maintenance.
  - Movies in the park.
  - Trunk or treat.
- **Ballfield & Dog Park**

### **Contracted Work**

- **Industrial Electric**
  - R&R Voltage Regulator at AWS. The unit now needs additional parts to complete repair.

### **Workplace Safety and Training**

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



## Surplus Auction Results:

### Paid and picked up as of 11/02/2023.

ID	Inv ID	Description	Buyer Name	End Date/Time	Type	High Bid
1	1	1975 International Loadstar 1800 Vacuum Truck	dainauskus, gary	9/22/23 5:00PM PT	USD	\$580.00
2	2	2007 Ford Ranger 4WD Regular Cab Pickup Truck	doucet, carl	9/22/23 5:03PM PT	USD	\$6,655.00
9	2G	1996 Caterpillar Generator 3412	Carr, Naomi	9/22/23 5:03PM PT	USD	\$40,500.00
8	8	1985 International S2200 Dump Truck	Miranda, Pierre	9/22/23 5:06PM PT	USD	\$2,775.00
3	3	1997 Ford F-150 4WD Regular Cab Pickup Truck	Mahmood, Khalid	9/22/23 6:06PM PT	USD	\$3,600.00
4	4	1987 Case 580 Super-E Backhoe with 4 in 1 Front Bucket	Hess, Daniel	9/22/23 6:06PM PT	USD	\$13,200.00
7	7	2008 Ford F-350 SD 4WD Utility Bed Pickup Truck	Watts, James	9/22/23 6:09PM PT	USD	\$4,150.00
11	LS2	2003 Olympian D40P2 Generator	Hess, Daniel	9/22/23 7:06PM PT	USD	\$7,100.00
						<b>\$78,560.00</b>

**Total Received from GovDeals: \$78,560.00**

ID	Inv ID	Description	Buyer Name	End Date/Time	Type	High Bid
6	6	1971 Miller Top Tilt Equipment Trailer	Lackey, Craig	9/22/23 5:00PM PT	USD	\$1,500.00
5	5	2006 Chevrolet Colorado 4WD Regular Cab Pickup Truck	Warmerdam, Leo	9/22/23 5:39PM PT	USD	\$3,450.00
10	LS13	1999 Olympian D75P1 Generator	fadel, samir	9/22/23 6:03PM PT	USD	\$8,200.00
13	LS7	1998 Olympian D150P2 Generator	fadel, samir	9/23/23 6:00PM PT	USD	\$8,000.00
14	LS8	1996 Generac 2024763 Generator	Simunaci, Brenden	9/23/23 7:06PM PT	USD	\$4,000.00
15	LS9	1996 Generac 2024764 Generator	Simunaci, Brenden	9/24/23 5:03PM PT	USD	\$3,829.00
19	19	2011 Generac Generator Operational 35kW DIESEL	fadel, samir	10/19/23 3:00PM PT	USD	\$6,050.00
18	18	Caterpillar D343 Generator Operational 285kW DIESEL	Thompson, Ronald	10/19/23 3:06PM PT	USD	\$885.00
						<b>\$35,914.00</b>

**Total Owed by GovDeals: \$35,914.00**

### Paid, Not Picked up as of 11/02/2023.

ID	Inv ID	Description	Buyer Name	End Date/Time	Type	High Bid
12	LS1	2003 Olympian D30P4 Generator	DHILLON, PARAM	10/17/23 3:09PM PT	USD	\$3,300.00
17	17	Caterpillar 3114 Generator Operational 75kW DIESEL	Rogers, Stephen	10/19/23 3:06PM PT	USD	\$2,526.00
16	16	Beloit Power Generator SALVAGE 550kW DIESEL	Nowlin, Colin	10/19/23 3:18PM PT	USD	\$2,255.00
						<b>\$8,081.00</b>