



**Information Provided By**

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**Operations and Maintenance Report  
 June 2023**

**Operations Department**

**Wastewater Treatment Division**

Influent Totals	
Total	4.30
Average	0.14
High	0.19
Low	0.11

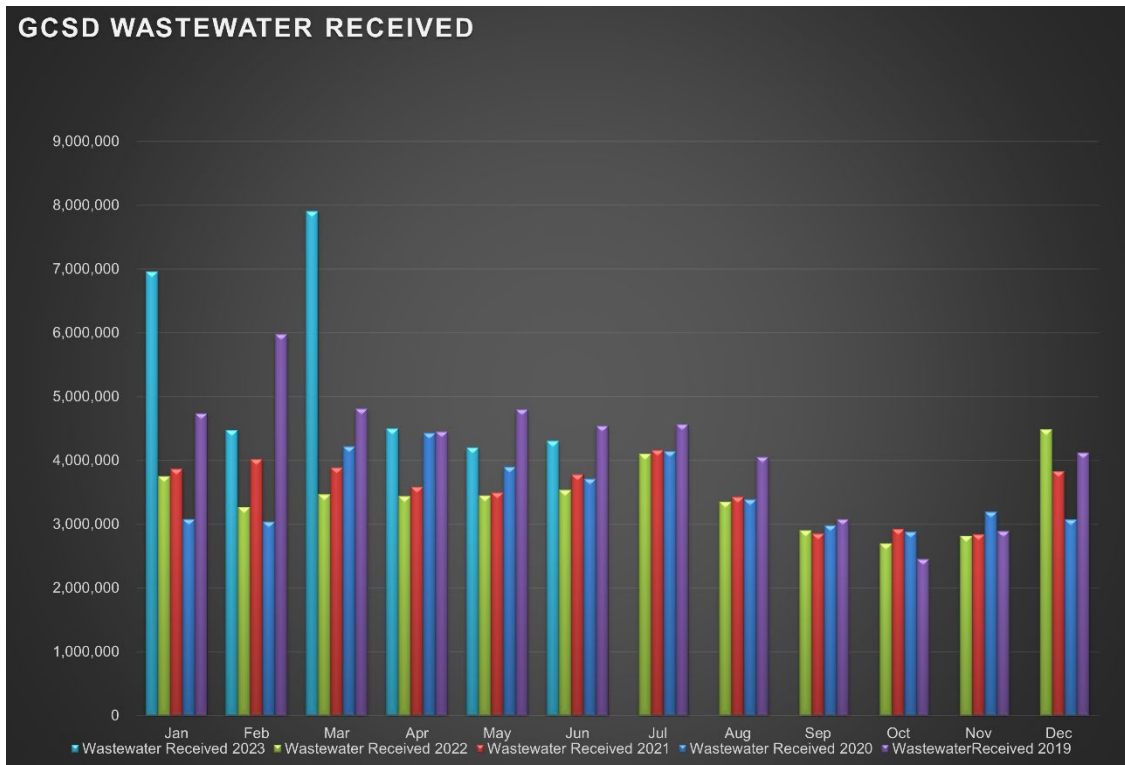
Effluent Totals	
Total	4.47
Average	0.15
High	0.19
Low	0.12

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

Wasting Totals	
Total Inches	82
Total Pounds	1935
Active Accounts	1566

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2023	2022	2021	2020	2019
69.66	0.10	0.06	0.00	0.00	0.04
	High 0.05	High 0.03	High 0.00	High 0.00	High 0.04

**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

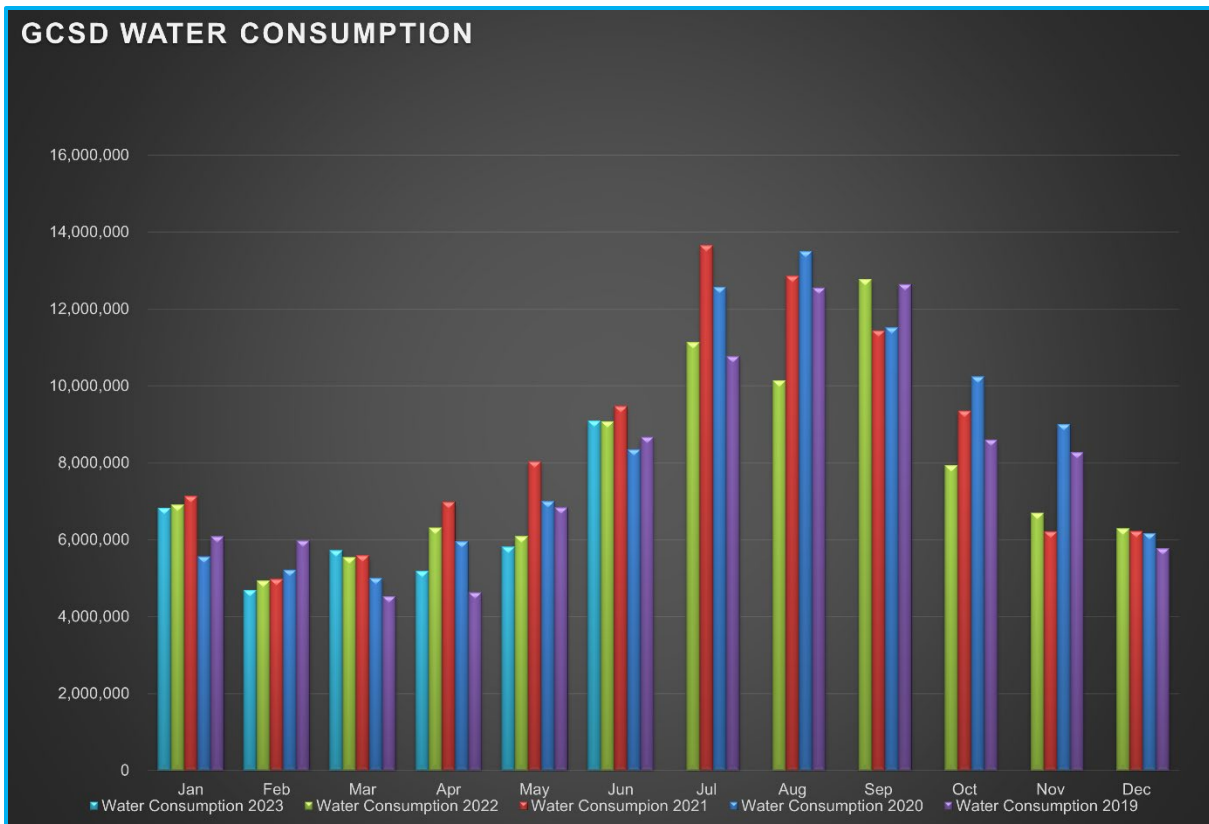
## Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	7
Water Meters Installed	2
Monthly Meter Restrictions	1
Meter Lock offs	5
Meter Changeouts	1
Tenant Final Reads	0
Re-Reads	44
Meter Turn-Offs	0
Meter Turn-Ons	13
Meter Tests	0
Winterize Meter	0
<b>Total Meter Related Issues</b>	<b>73</b>

Billed Consumption (Gallons)	2023	2022	2021
Residential	8,482,151	8,368,278	8,859,296
Commercial	614,620	711,937	593,274
<b>Total</b>	<b>9,096,771</b>	<b>9,080,215</b>	<b>9,452,570</b>

<b>Active Accounts</b>	3269
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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	9
Water Valves Exercised	1
GIS Points	0

Description	Gallons
Flushing for Water Quality	15,700
Water Loss Due to Leaks / Breaks	100

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
10	7	6	0	23

**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**

- Water Distribution System Flushing
- Repair leaking water service line at 20307 Pine Mountain Dr
- Repair leaking manifold at 20620 Nob Hill Cir
- Locate hydrant valve at 19740 Old Highway 120
- Locate buried water meter box at 20103 Pine Mountain Dr
- Clean roots from meter box and repair leaking meter washer at 20905 Woodside Way
- Assist property owner with leak investigation at 20967 Hemlock St
- R & R meter washers at 13150 Clements Rd
- Upgrade service line and install water meter for new construction at 12808 Cresthaven Dr
- Upgrade service line and install water meter for new construction at 12862 Cresthaven Dr
- Upgrade service line and install water meter for new construction at 20728 Bigfoot Cir

**Pictures**

## Wastewater Collection System Division

Description	Total
Manholes Inspected	97
GIS Points	0
Customer Complaint	16
Odor Complaints	2

Description	Total
Flushing/Jetting (Feet)	1625
Video Inspection (Feet)	440

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 LS7.
  - Sewer mainline inspection 20918 Big Foot Ct.
  - Sewer mainline inspection at 20794 Nonpareil Way
  - Locate sewer lateral connection for new construction at 13323 Mule Ct
  - Lift Station 10 – Assisted contractor with lift station management during force main construction.
  - Installed odor control pumps at LS6, LS8, LS 11, and LS13.
- **Collection System**
  - Flushed/Jetted gravity sewer line areas.
  - Groveland, Bass Pond, Twin Pines Easement Manhole inspections.

## Pictures

## Parks Division

## Maintenance and Repair

- **Mary Laveroni Community Park**
  - Landscape Maintenance
  - Movies in the park.
  - SummerFest 2023
  - Daily trash and bathroom maintenance
  - Repair roll up door on C.E.R.T. storage room
- **Ballfield & Dog Park**

## General Maintenance Division

### Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
  - Clear drain lines inside treatment plant building.
  - Install new sump pump in flow meter vault.
- Big Creek Water Treatment Plant
- AWS
  - Clean leaves and debris from area. Install new protective covers son trailer tires.
- STP
  - Cleaned out septic tank.
  - Cleaned chamber at Roto Strainer to free clog.
  - Cleaned wash bay separator chambers.

- **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
  - 62333: Fabricate new bracket for trailer plug and adjust fittings on air lines.
  - 41719: Lube, Oil, and change filters. Rotate tires. Inspect brakes. R&R skid plate.
  - 30711: Inspect and top off fluids and greased fittings.
  - 42127: Install new bed rail toolboxes and safety rack.
  - 42128: Lube, Oil, and change filters. Rotate tires.
  - 50817: Lube, Oil, and change filters. Rotate tires. R&R rear brake pads.
  - 31630: R&R mower deck belt. Top off hydraulic fluid.
- Buildings & Yard
  - Repair shop roll-up door.
  - Adjust, align, and lube chain on entry gate to GCSD maintenance area.
  - General yard cleanliness.
  - Vegetation management.
    - Weed Control on Reservoir 2 dam face.
    - Mow spray fields.

### Contracted Work

- Moyle Excavation
  - Sewer Mainline and Force Main replacement – LS10 Force Main and Big Oak Flat

## **Workplace Safety and Training**

- Routine Safety Meetings
  - Daily Tailgate Meetings
  - Weekly Safety Meetings
  - Weekly Security Checks
  - Weekly Vehicle Inspection
  
- American Red Cross CPR Refresher Course - 4 Hours – 06/21/2023