



Information Provided By

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**Operations and Maintenance Report
 March 2024**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	4.83
Average	0.16
High	0.50
Low	0.09

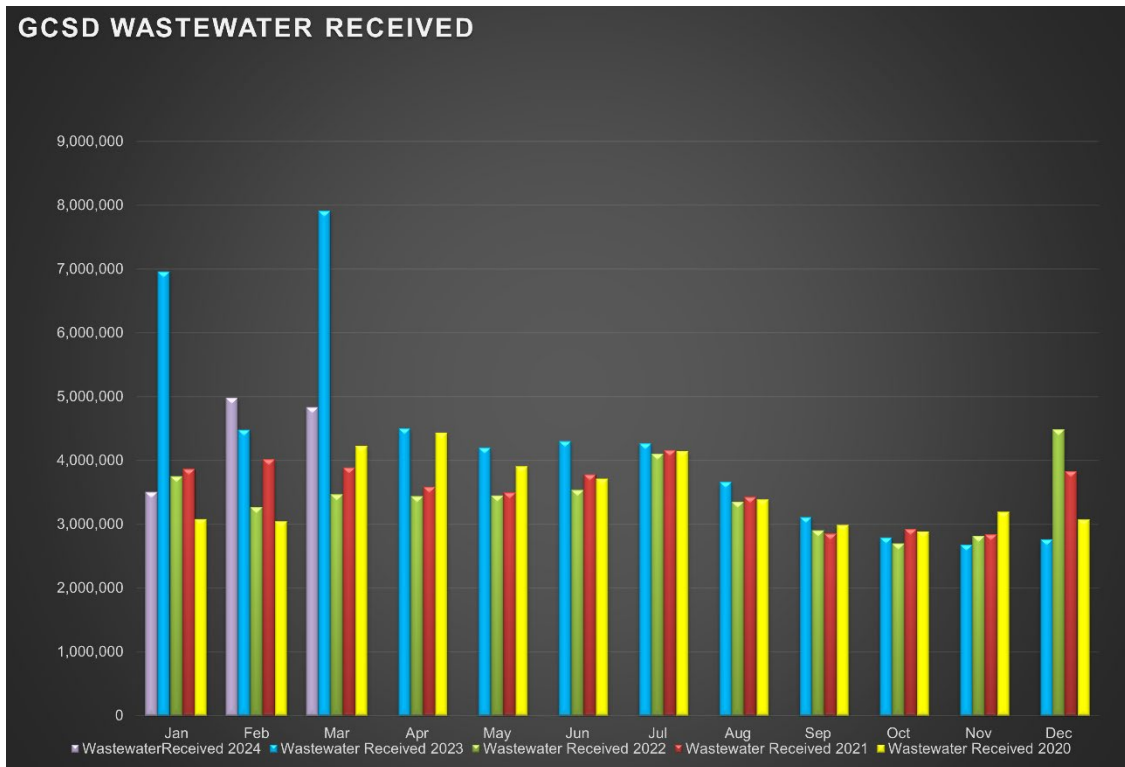
Effluent Totals	
Total	5.02
Average	0.16
High	0.52
Low	0.09

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

Wasting Totals	
Total Inches	126
Total Pounds	1600
Active Accounts	1572

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2024	2023	2022	2021	2020
	27.92	15.91	1.11	3.00	6.88
	High 3.59	High 2.80	High 0.33	High 1.10	High 2.08

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

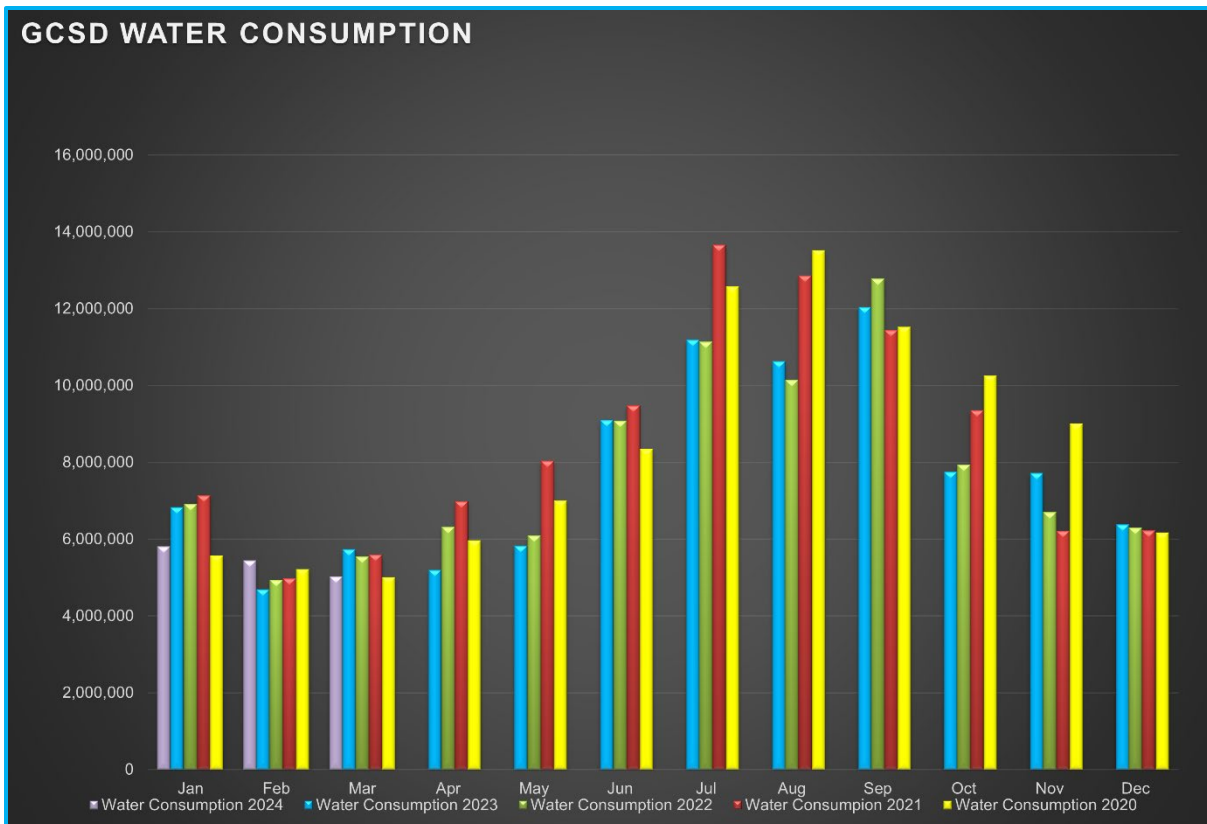
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	15
Water Meters Installed	2
Monthly Meter Restrictions	0
Meter Lock offs	5
Meter Changeouts	1
Tenant Final Reads	1
Re-Reads	13
Meter Turn-Offs	4
Meter Turn-Ons	9
Meter Tests	1
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	1
Total Meter Related Issues	69

Billed Consumption (Gallons)	2024	2023	2022
Residential	4,734,873	5,370,717	5,235,153
Commercial	289,438	357,128	286,963
Total	5,024,310	5,727,845	5,522,116

Active Accounts	3276
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Charted Historical Monthly Water Consumption



Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	1
Water Service Line Leaks / Repairs	2
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	20
Number of Dead-Ends Flushed	12
Water Valves Exercised	14
GIS Points	0

Description	Gallons
Flushing for Water Quality	17,200
Water Loss Due to Leaks / Breaks	172,980

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
8	15	0	2	25

Maintenance and Repair

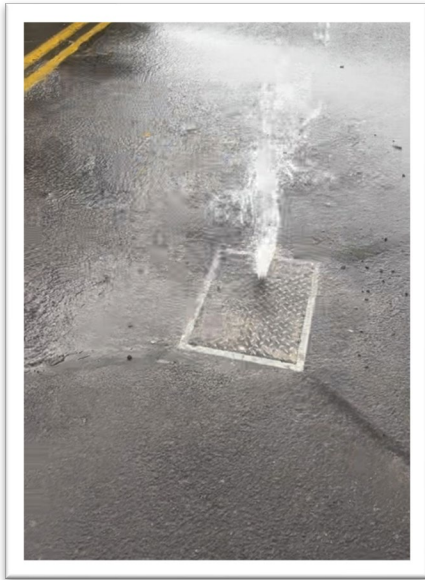
- **Routine Tasks**
 - Read all District Water Meters
 - Customer Service Calls (Low / High Pressures, No Water, Turn-Ons / Turn-Offs, Etc.)
 - Underground Service Alert (USA) Utility Marking Program
 - Weekly Pump Station Inspections at Tank 2, Tank 4, Tank 5 (Buildings, Tanks, Motors, Pumps, Drives, Communications, Generators, and Auxiliary Equipment)
 - Lock offs for non-payment.

- **Tanks and Pump Stations**

- **Distribution System**
 - ARV break at 12765 Mueller Dr (Swim Center). Stopped leak, repairs to follow.
 - Repair water service line at 20271 Pine Mountain Dr.
 - Water Main Break at 13331 Yorkshire Rd. (Roots)
 - Meter washer replacement U6/L38.
 - Continue water service line survey to identify Lead and Copper water service lines.

Pictures

Mueller Dr



Wastewater Collection System Division

Description	Total
Manholes Inspected	173
GIS Points	0
Customer Complaint	2
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	646
Video Inspection (Feet)	310

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: LS9, LS10, LS11, LS12.
 - Manhole Inspections LS2.
 - 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.
- In stall mini manholes on cleanouts on Black Rd and Twin Pine Easement.
- Pothole to locate sewer mainlines at Admin parking lot for new water fill station.
- Raise two manholes on Ferret Ct easement.

Pictures

Ferret Ct – Raising a hidden manhole.



Black Rd – Old style cleanout vs. new mini manhole.



General Maintenance Division

Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
 - Install new on-site chlorine generator (OSG).
 - Wired in doghouse and venting for turbine pump.
 - R&R man door on storage room.
- Butler Bypass Pump Station
- AWS
 - Disconnected and moved rental generator for pickup.
- STP
 - Free up air handler that was inoperable.
- Reservoir 2 – STP Pond
- Water Storage Tank 4
- Water Storage Tank 5
- LS16 – Adjust pump soft starts to ease equipment failure issues (check valve failure).
- LS5 R&R faulty 120v plug.
- R&R light ballasts at CERT shed in lower park.

- **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
 - 30821: Ordered parts to repair hydrostatic pumps.
 - 41719: Oil change and filter service. R&R brakes. Rotated Tires.
 - 52235: R&R Tires.
 - 62330: 90 Day Inspection. Found small oil leak.
 - 79783: R&R leaking coolant hoses, repaired tool box door hinge, inspected prime pump, cleaned and reassembled spot lights, sent radiator in for cleaning and repair and reinstalled, sent dash cluster to shop for repairs and reinstalled..
- Buildings & Yard
 - General yard cleanliness.
 - Cleaned and reorganized the paint shed.
 - Vegetation management.

Pictures

Parks Division

Maintenance and Repair

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

- **Ballfield & Dog Park**
 - Completed repairs to fencing around gate.

Contracted Work

- Potable Divers Inc.
 - Clean 2G and BC tanks

- Don Pedro Pump
 - R&R Big Creek turbine pump

Workplace Safety and Training

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