



Information Provided By

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 Operations Supervisor: Open Position
 Maintenance Supervisor: Andrew Klein
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**Operations and Maintenance Report
 April 2024**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	4.58
Average	0.15
High	0.25
Low	0.12

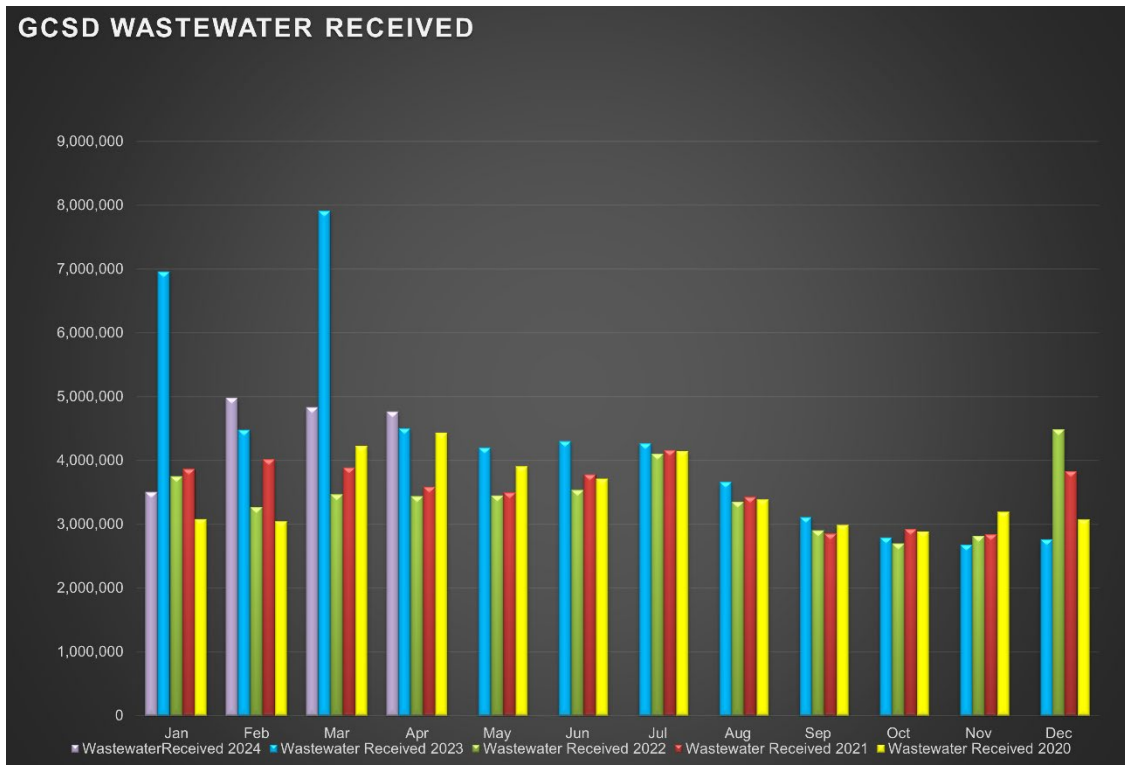
Effluent Totals	
Total	4.76
Average	0.16
High	0.27
Low	0.11

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

Wasting Totals	
Total Inches	144
Total Pounds	2149
Active Accounts	1572

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2024	2023	2022	2021	2020
	30.77	2.85	0.35	2.34	0.49
	High 1.07	High 0.35	High 0.68	High 0.43	High 2.42

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

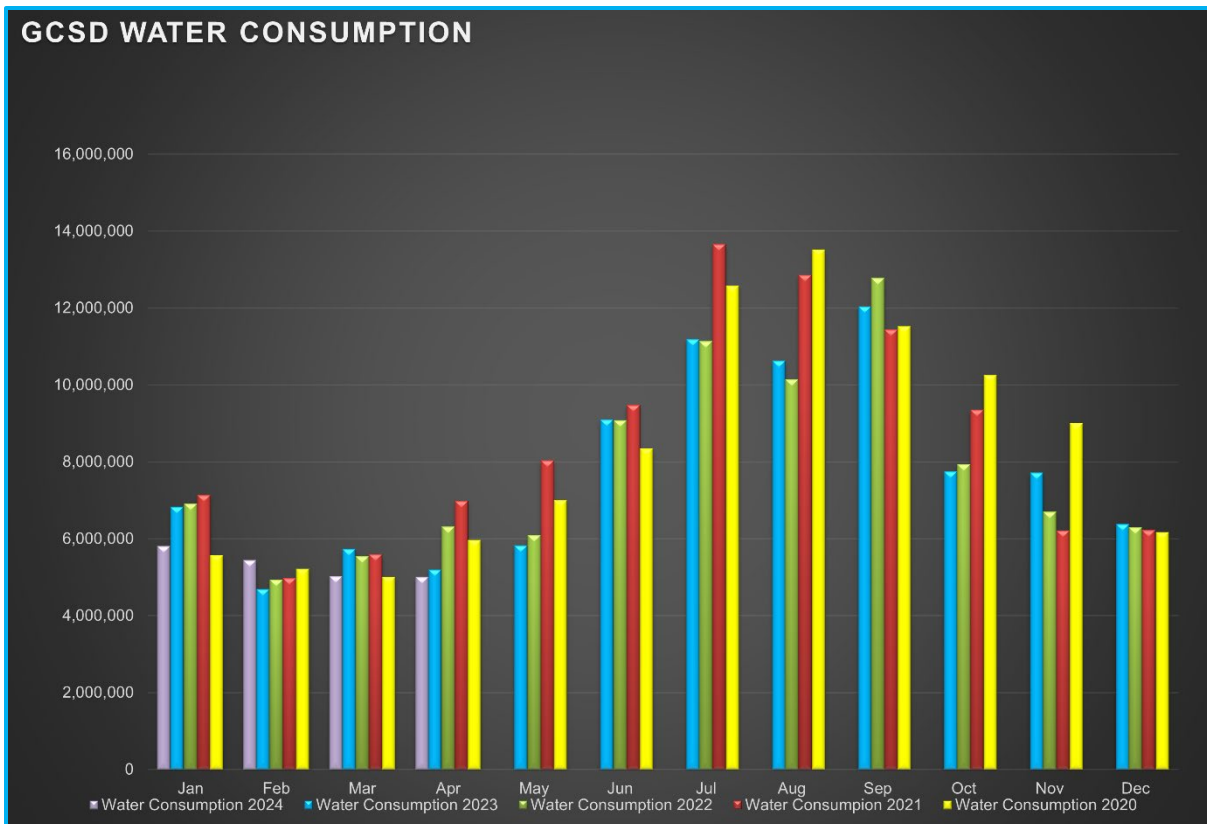
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	21
Water Meters Installed	2
Monthly Meter Restrictions	0
Meter Lock offs	5
Meter Changeouts	2
Tenant Final Reads	1
Re-Reads	25
Meter Turn-Offs	2
Meter Turn-Ons	6
Meter Tests	0
Winterize Meter	0
Color/Taste/Odor/PSI Complaints	1
Total Meter Related Issues	65

Billed Consumption (Gallons)	2024	2023	2022
Residential	4,680,628	4,778,330	5,896,731
Commercial	321,027	412,448	414,939
Total	5,001,655	5,190,778	6,311,670

Active Accounts	3275
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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	2
Fire Hydrant Repairs / Replacements	1
Number of Hydrants Flushed	14
Number of Dead-Ends Flushed	9
Water Valves Exercised	0
GIS Points	0

Description	Gallons
Flushing for Water Quality	12,100
Water Loss Due to Leaks / Breaks	9,000

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
5	7	0	1	13

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**
 - Repair hydrant U15/L4 on Upper Skyridge.
 - Water service line repair (manifold) at U4/L128.
 - Water Service line repair (poly pipe) at U3/L213.
 - Continue water service line survey to identify Lead and Copper water service lines.

Pictures

Wastewater Collection System Division

Description	Total
Manholes Inspected	172
GIS Points	0
Customer Complaint	0
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	3640
Video Inspection (Feet)	235

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: LS1, LS2, LS3, LS4.
 - Clean and measure old cans on LS5, LS6, LS7 and LS8 for contractor.
 - Manhole Inspections LS4, LS5.
 - Remove roots and debris found during manhole inspections.
 - R&R Radio Antennae at LS12.
- **Collection System**
 - Flushed/Jetted gravity sewer line areas.
 - Groveland, Bass Pond, Twin Pines Easement monthly manhole inspections.
 - Raise manhole to grade at lower park.

Pictures

General Maintenance Division

Maintenance By Department

- **Operations Department**

- 2G Water Treatment Plant
- Big Creek Water Treatment Plant
 - Complete Install new on-site chlorine generator (OSG).
- Butler Bypass Pump Station
- AWS
- STP
 - Repair OSG unit.
 - R&R motor starter unit.
 - Repair knife blade scraper on rotating drum in headworks.
- PML Reclaimed pond – Repair level float conduit.
- Water Storage Tank 4 - Repair leak on generator oil pan.
- LS10 – Adjust pump start delay preventing main breaker from breaking.

- **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
 - 62026: Oil change and filter service. Brake inspection.
 - 42127: Oil change and filter service. R&R brakes. Rotated Tires.
 - 52229: Serviced oil, oil and air filters, rotated tires.
 - 50810: Serviced, rotated tires, checked brakes, replace two broken lights.
 - 79781: Water pump repair, 90 Day Inspection (CalFire), Pump Tests, repaired relay.
 - 79783: 90 Day Inspection, Pump Tests.
 - 70087: 90 Day Inspection (CalFire), Pump Tests.
 - 62333/12210: 90 Day Inspection.
 - 62330 90 Day Inspection. Repaired fan malfunction causing truck to overheat.
 - 60523: 90 Day Inspection.
- Buildings & Yard
 - Repair bathroom fan and install GFI outlet at Fire House
 - 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

- Moyle Excavation/H&R.
 - Lift Station Rehab. LS5, LS6, LS7, LS8, LS9, LS10

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

- Jorgenson Company
 - Fire Extinguisher Servicing

Workplace Safety and Training

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