



Information Provided By

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**Operations and Maintenance Report
 February 2022**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	3.27
High	0.18
Low	0.09
Average	0.12

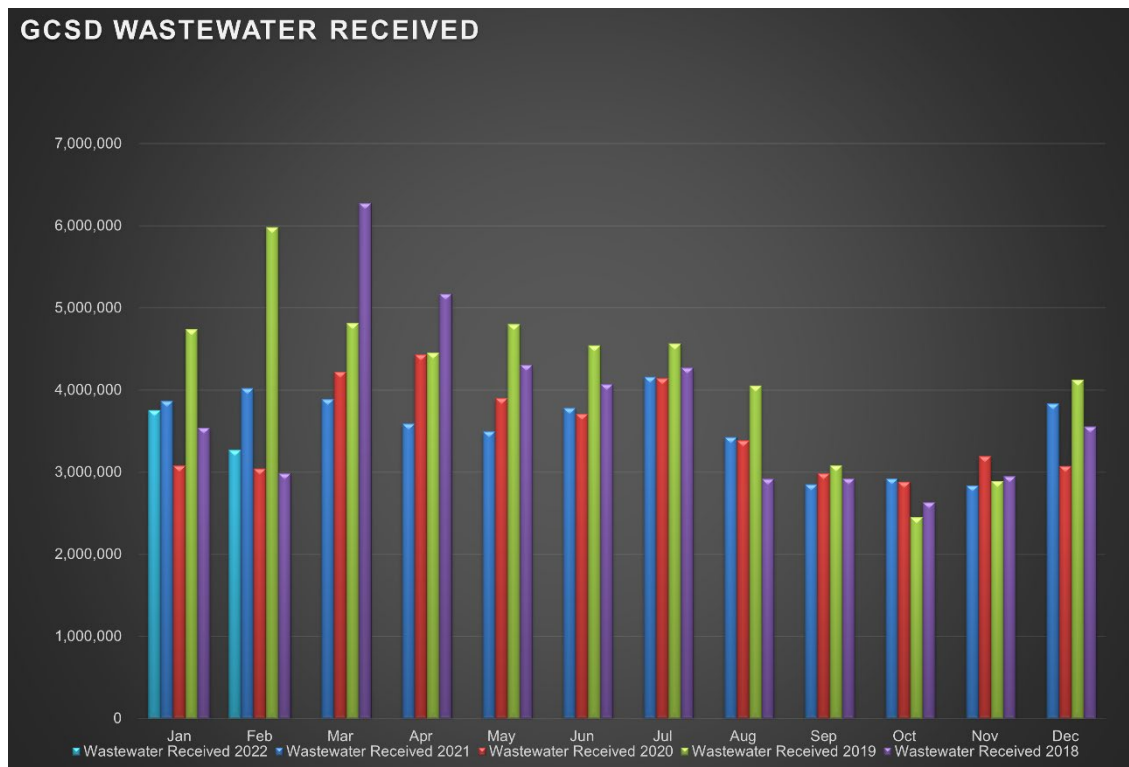
Effluent Totals	
Total	N/A
High	N/A
Low	N/A
Average	N/A

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

Wasting Totals	
Total Inches	264
Total Pounds	5801
Active Accounts	1562

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2022	2021	2020	2019	2018
	20.68	2.32	0.01	12.78	0.54
High	High 0.55	High 0.94	High 0.01	High 2.02	High 0.54

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 Aqua 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 into Aqua Lab
- Monitored/sampled Distribution Tanks as needed

Maintenance Department

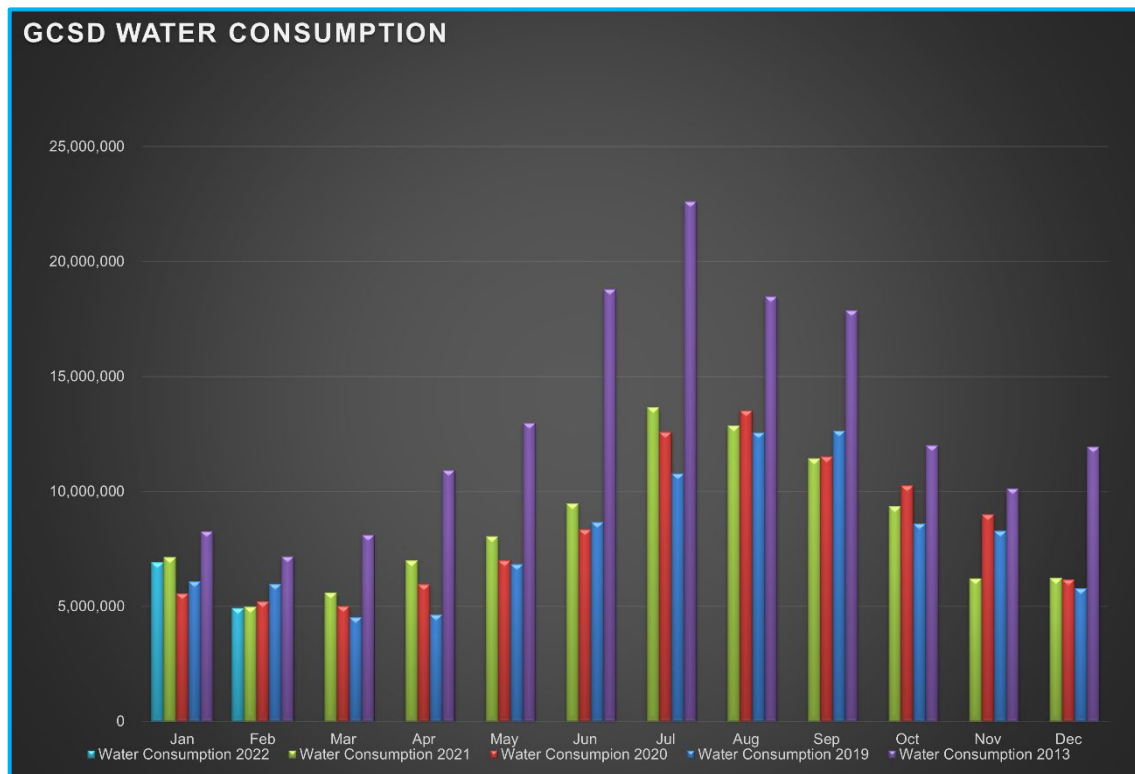
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	0
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Changeouts	1
Tenant Final Reads	2
Re-Reads	11
Meter Turn-Offs	0
Meter Turn-Ons	1
Meter Tests	58
Total Meter Related Issues	73

Billed Consumption (Gallons)	2022	2021	2020
Residential	4,931,403	4,974,689	5,216,326
Commercial	233,024		
Total	5,164,427		

Active Accounts	3256
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Charted Historical Monthly Water Consumption



Water Distribution System Division

Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	0
Water Service Line Leaks / Repairs	0
Fire Hydrant Repairs / Replacements	0
Number of Hydrants Flushed	17
Number of Dead-Ends Flushed	12
Water Valves Exercised	0
GIS Points	30

Description	Gallons
Flushing for Water Quality	17750
Water Loss Due to Leaks / Breaks	0

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
16	4	.5	4	24.5

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)
- **Tanks and Pump Stations**
 - Tank 3: Landscape Maintenance
 - Highlands: Greased pumps and motors; Replaced PSI gauge
 - Butler Way: Greased pumps and motors
 - Tank 4: Greased pumps and motors; Repaired grease zerk for #1 check valve; Blew off excess air from the pressure tank
 - Tank 2: Greased pumps and motors; Installed internet for SCADA backup; Tested booster pump system
- **Distribution System**
 - Dead-End flushing for Units 4, 5, and 6
 - Meter tests on zero-read meters
 - GIS PRVs
 - Searched for a water leak from Tank 5, found the leak on the PO side at 10750 Sweet Brier Lane

Generator Deliveries



Wastewater Collection System Division

Description	Total
Manholes Inspected	242
GIS Points	247
Customer Complaint	3
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	2235
Video Inspection (Feet)	394

Description	Total
Sanitary Sewer Spills (SSO)	0
SSO Gallons Spilled	0

Maintenance and Repair

- **Routine Tasks**
 - Weekly lift station site inspections
 - Added degreaser and odor control to lift stations
- **Lift Stations**
 - Cleaned: LS13, LS14, LS16
 - Replaced cabinet light fixtures at LS9, LS10, LS14
 - LS16: Greased pumps and motors
 - LS11: Reset UPS batteries
 - LS5: Cold patch pothole in asphalt
- **Collection System**
 - Inspected Manholes: To LS1, Tenaya to STP, Twin Pines Easement, Creek Crossing to STP, Lower Park to STP
 - Flushed/Jetted gravity sewer line areas (See data above): Twine Pines Easement, Bass Pond, Lower Park to STP, Creek Crossing to STP, Vassar St to Odd Fellows Parking Lot, Miners Camp Road to Upper Skyridge
 - Cleaned roots from various manholes on the sewer main between LS2 and LS1 Breakover, and from various manholes in Unit 4 and Unit 12
 - GIS Manholes (see data above): LS1 and LS2 manholes
 - GIS for Sewer Surge plans
 - Cleared sewer easements in Big Oak Flat
 - Located flushing branch on Jimmersall Lane
 - Removed out roots from around lower lateral on Hillcroft
 - Cleaned roots from Fulton’s manhole in town
 - Cleared sewer plug in the vault under Upper Skyridge
 - Inspected LS13 forced main along easement and dam face
 - Measured slope within Smart Cover manholes

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance
 - Removed deer head decorations for Rotary
- **Ballfield & Dog Park**
 - N/A

General Maintenance Division

Maintenance By Department

- **Operations Department**
 - 2G Water Treatment Plant
 - UV System Maintenance
 - Cleaned lime tank
 - Greased booster pumps
 - Installed new lime mixer
 - Big Creek Water Treatment Plant
 - UV System Maintenance
 - Cleaned lime tank
 - Cleaned chlorine generator
 - Greased booster pumps
 - AWS
 - Repaired pressure transducer
 - Serviced porta-potty
 - Repaired Amiad filter
 - Installed backflow cover
 - STP
 - Replaced washdown water gate valve
- **Maintenance Department**
 - Equipment
 - Generators
 - LS11: Serviced
 - LS5: Serviced
 - LS8: Replaced battery charger and battery
 - K760 Concrete Saw: Replaced ignition module/coil, flywheel, and carburetor
 - Charged boat battery
 - 20420 (Vactron): Replaced pressure washer hose
 - Vehicles

- CERT Vehicle: Inspected front-end, all good; Repaired squeaking belt
- 50415: Serviced and rotated tires; Replaced upper control arms and ball joints; Repaired transmission line leak
- Buildings & Yard
 - Sheetrocked old swamp cooler opening in STP Blower Room
 - Tarped new generator for Big Creek Treatment Plant
 - Burned slash pile
 - Repaired Maintenance Yard gate keypad
 - Cleaned and organized Pole Barn

Contracted Work

Workplace Safety and Training

- **Routine Safety Meetings**
 - Daily Tailgate Meetings
 - Weekly Safety Meetings
 - Weekly Security Checks
 - Weekly Vehicle Inspection
- Lock Out/Tag Out Training