



Information Provided By

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**Operations and Maintenance Report
 January 2022**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	3.75
High	0.21
Low	0.08
Average	0.12

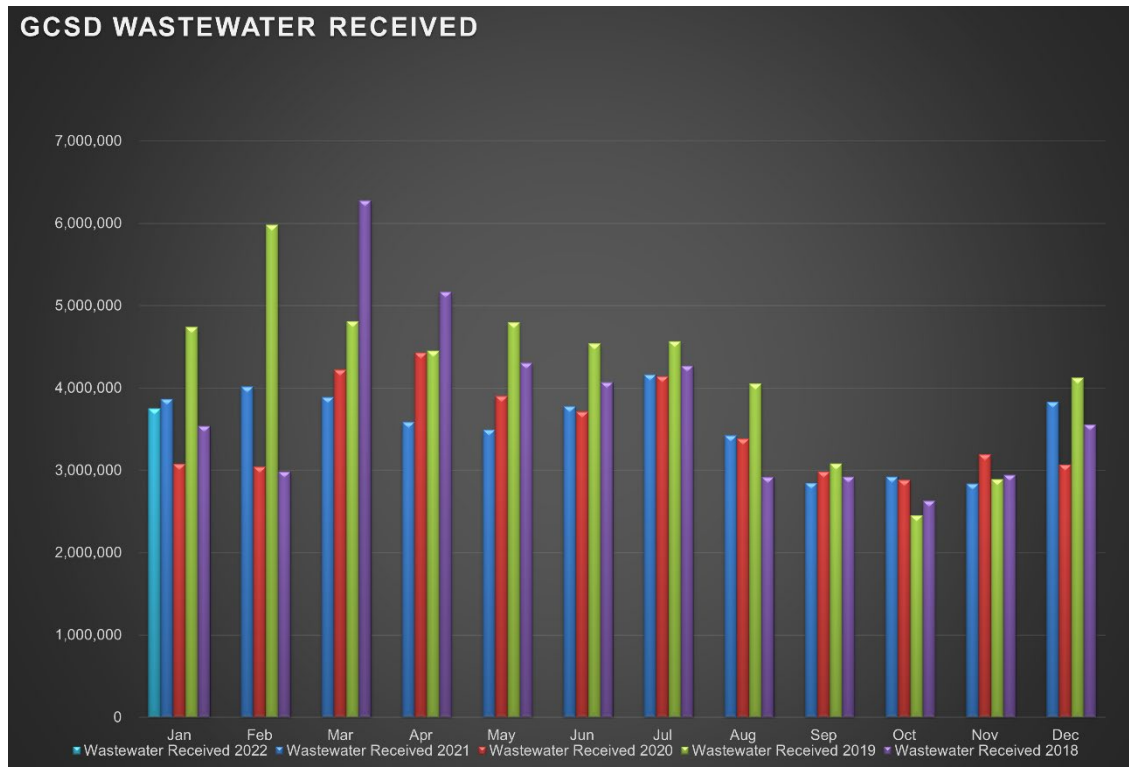
Effluent Totals	
Total	N/A
High	N/A
Low	N/A
Average	N/A

Reclamation Totals	
PML	0
Spray Fields	0
PML Season Total	22,953,000
Spray Field Season Total	11,222,818

Wasting Totals	
Total Inches	245
Total Pounds	6011
Active Accounts	1562

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2022	2021	2020	2019	2018
19.8"	0.00"	9.36"	15.41"	8.12"	4.77"
High	High 0.00"	High 3.86"	High 1.95"	High 2.71"	High 1.88"

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/sample Distribution Tank as needed

Maintenance Department

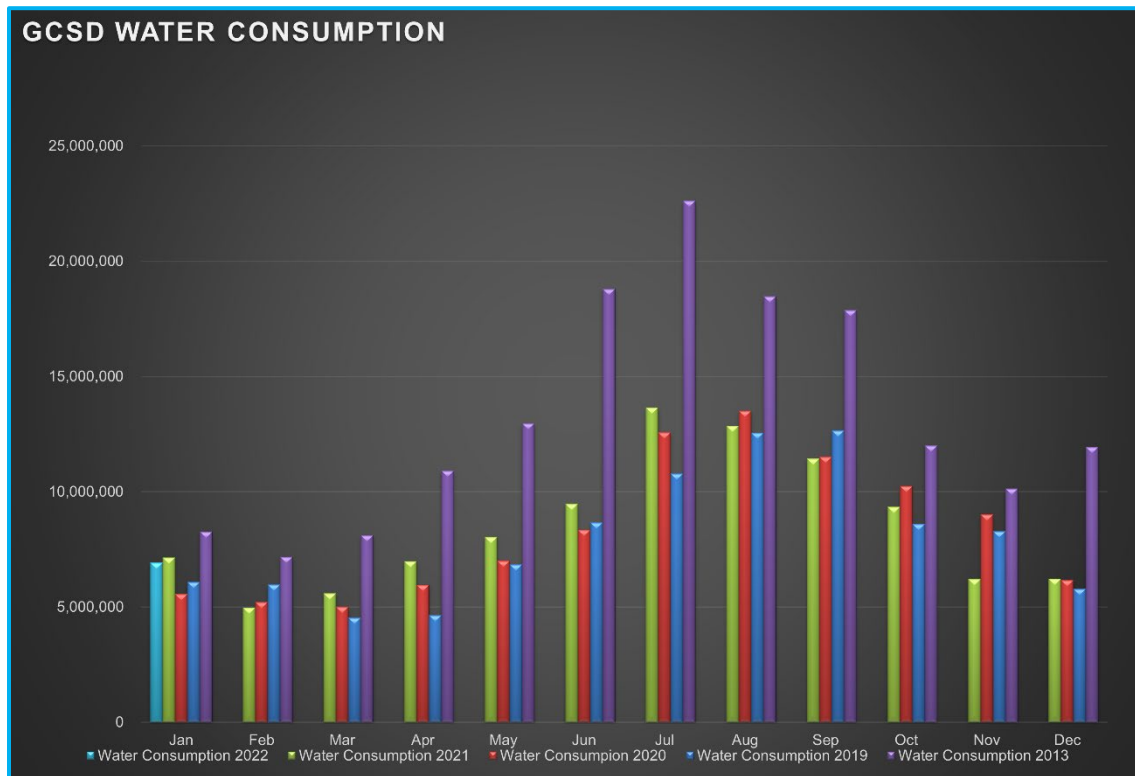
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	2
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Changeouts	0
Tenant Final Reads	2
Re-Reads	8
Meter Turn-Offs	2
Meter Turn-Ons	2
Meter Tests	24
Total Meter Related Issues	40

Billed Consumption (Gallons)	2022	2021	2020
Residential	6,557,428		
Commercial	357,833		
Total	6,915,261		

Active Accounts	3257
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Charted Historical Monthly Water Consumption



Water Distribution System Division

Maintenance and Repair Data

Description	Total
Water Main Leaks / Repairs	1
Water Service Line Leaks / Repairs	3
Fire Hydrant Repairs / Replacements	1
Number of Hydrants Flushed	21
Number of Dead-Ends Flushed	8
Water Valves Exercised	10
GIS Points	1

Description	Gallons
Flushing for Water Quality	47,200
Water Loss Due to Leaks / Breaks	45,250

After Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
26.5	3	2	0	31.5

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**
 - Installed solar panels and power supply batteries at tank 1
 - Installed solar panels and power supply batteries at tank 3
 - Installed solar panels and power supply batteries at tank 5
- **Distribution System**
 - Water main leak/repair on Fox Ct.
 - Water service line leak/repair on Flint Ct.
 - Water service line leak/repair on Cottonwood St.
 - Water Service line leak/repair on Clifton Way
 - Replaced leaking blow off valve on Ferret Ct.
 - Repaired fire hydrant on Merrell Rd
 - Scheduled monthly dead-end flushing areas (see data above): Units 1, 2, 3, 4
 - Cleaned out ARV boxes on Mueller Dr
 - Cleaned two hydrants that were buried

Tank 5 Solar Panel and Power Supply System Installation



Fox Court Water Main Leak Repair



Wastewater Collection System Division

Description	Total
Manholes Inspected	235
GIS Points	168
Customer Complaint	2
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	4415
Video Inspection (Feet)	590

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: LS1, LS2, LS3, LS4, LS9, LS11, LS12, LS15
 - Replaced cabinet light fixtures at: LS11, LS12, LS15
- **Collection System**
 - Inspected Manholes: Groveland to STP, BOF to LS16, LS16 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, Homestead Rd
 - GIS Manholes (see data above): Groveland, Big Oak Flat, Possible surge manholes for Sewer Project
 - Marked sewer stub-out for customer in Big Oak Flat

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance
 - Cleaned drainage in lower park, full of sand
- **Ballfield & Dog Park**
 - N/A

General Maintenance Division

Maintenance By Department

- **Operations Department**

- Water Treatment Plants
 - AWS
 - Adjusted air compressor psi setting

- **Maintenance Department**

- Equipment
 - Generators
 - LS12: Added oil
 - Rebuilt both 1.5" Honda Pumps
- Vehicles
 - CERT Vehicle: Repaired and prepared for service
 - 787: 90-Day Inspection
 - 781: 90-Day Inspection
 - 788: 90-Day Inspection
 - 783: 90-Day Inspection; Repaired light switches
 - 60523: 90-Day Inspection
 - 68522: 90-Day Inspection
 - 60524: 90-Day Inspection; Repaired beacon wiring; Rebuilt 90 Degree swivel fitting for hose reel
 - 12210: 90-Day Inspection; Changed hub oil in left rear hub
 - 41825: Serviced
 - 50810: Repaired trailer brake wiring
- Buildings & Yard
 - Isolated power for Res 1 & 2 because contractor hit conduit.
 - Repaired electrical wiring for gate opener
 - Maintenance Office: Repaired bathroom doorknobs; Installed new paper towel dispenser in right side bathroom
 - Removed swamp cooler from blower room and patched opening

Contracted Work

- Industrial Electric
 - Load Banking Generators
 - Big Creek
- Comphel Heating and Air
 - Serviced HVAC units:
 - Big Creek
 - 2G
 - AWS
 - Tank 2
 - STP Buildings
- Presidio Systems, Inc.
 - Cleaned Lift Stations:
 - LS5
 - LS6
 - LS7
 - LS8

Workplace Safety and Training

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