



Information Provided By

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**Operations and Maintenance Report
 March 2022**

Operations Department

Wastewater Treatment Division

Influent Totals	
Total	3.47
High	.17
Low	.08
Average	.11

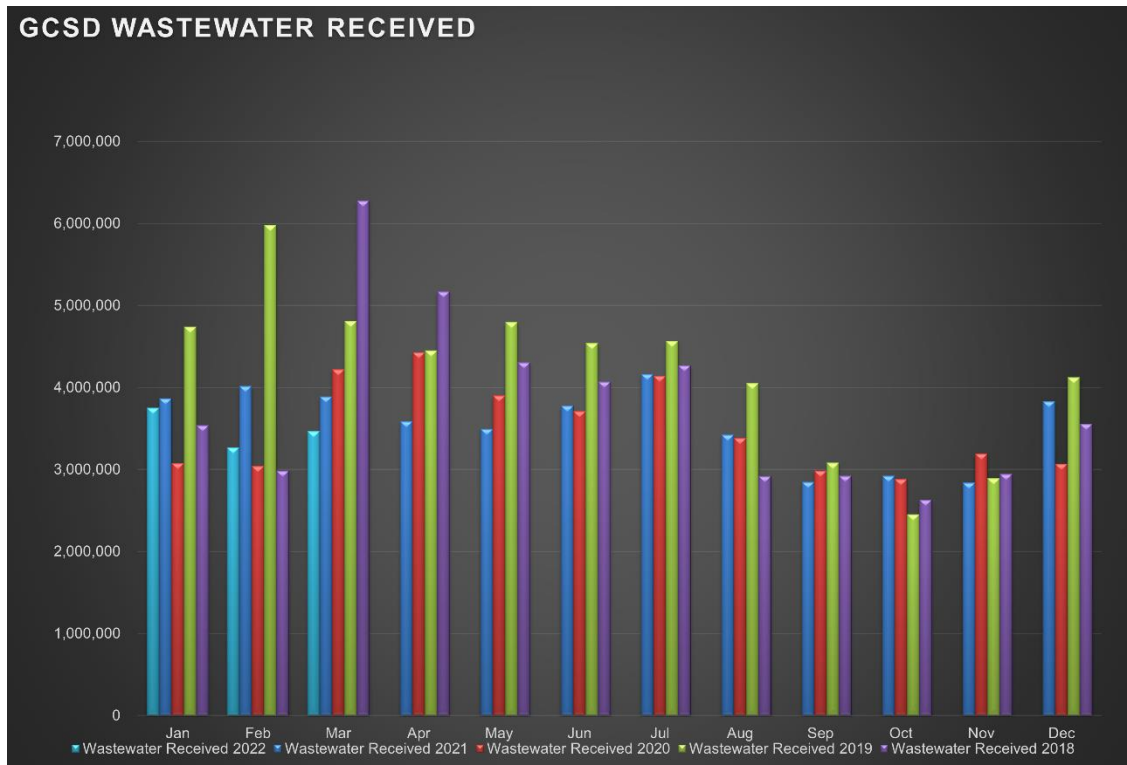
Effluent Totals	
Total	N/A
High	N/A
Low	N/A
Average	N/A

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

Wasting Totals	
Total Inches	209
Total Pounds	3177
Active Accounts	1562

STP Rainfall Totals by Year During Current Month (Inches)					
Season	2022	2021	2020	2019	2018
	21.79	1.11	3.00	6.88	16.69
High	High .33	High 1.10	High 2.08	High 1.20	High 4.89

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

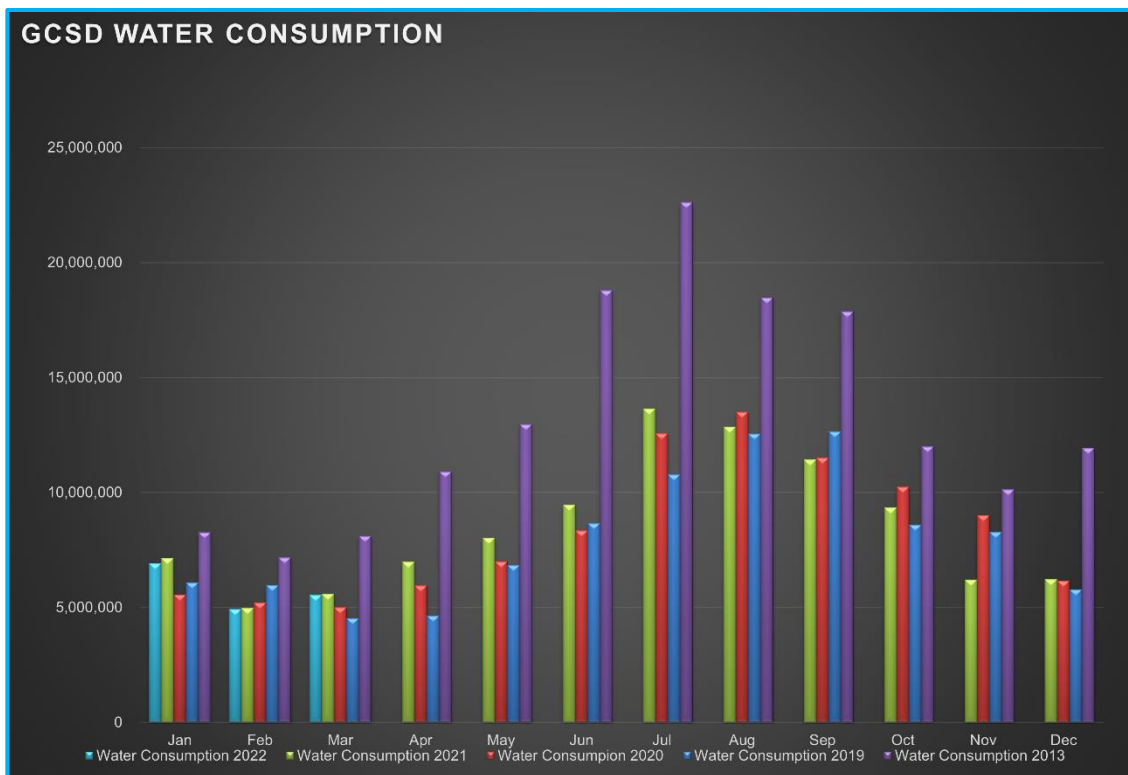
Water Distribution System Division

Meter Related Services	Total
Check / Repair Meters	1
Water Meters Installed	0
Monthly Meter Restrictions	0
Meter Changeouts	0
Tenant Final Reads	4
Re-Reads	12
Meter Turn-Offs	2
Meter Turn-Ons	11
Meter Tests	0
Total Meter Related Issues	30

Billed Consumption (Gallons)	2022	2021	2020
Residential	5,544,941	0	0
Commercial	286,963	0	0
Total	5,831,904	0	0

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	1
Fire Hydrant Repairs / Replacements	1
Number of Hydrants Flushed	21
Number of Dead-Ends Flushed	11
Water Valves Exercised	2
GIS Points	17

Description	Gallons
Flushing for Water Quality	39,750
Water Loss Due to Leaks / Breaks	1,000

After-Hours Calls (Hours)				
Water	Sewer	Park	Other	Total
3	4	0	1	8

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 2: Removed and replaced pressure tank and check valve on booster pump; Updated cabinet with HOA, pressure switch, and motor starter
- **Distribution System**
 - Dead-End flushing for Units: 6, 7, 8
 - Repaired service line leak at 21140 Jimmersall
 - Repaired leaking meter at 19759 Pleasant View
 - Repaired leaking meter at 19750 Pleasant View
 - Cleaned around fire hydrants throughout the distribution system
 - Rebuilt retaining wall around meter box at 13048 Tip Top Ct
 - Replaced 300' of water main at Ballfield/Dog Park
 - Retrieved, cleaned, and stored water conservation signs after Hetch Hetchy tunnel repairs
 - Repaired water leak and replaced sand filter at 20280 Little Valley Rd.
 - Service fire hydrant at 17451 Hwy 120 (Near Miner's Mart)
 - Removed roots and repaired leaking meter on Otter Ct
 - Cleaned out meter boxes in Unit 12

Pictures

Ball Field Water Main Project



13048 Tip Top Ct Retaining Wall Replacement



Ferret Ct Easement Road Gate Installation



Wastewater Collection System Division

Description	Total
Manholes Inspected	132
GIS Points	212
Customer Complaint	0
Odor Complaints	0

Description	Total
Flushing/Jetting (Feet)	3520
Video Inspection (Feet)	0

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: LS9, LS10, LS11, LS12
 - Weed maintenance and general site cleanup at LS16
- **Collection System**
 - Inspected Manholes: LS2, Twin Pines Easement, Bass Pond
 - Flushed/Jetted gravity sewer line areas (See data above):
 - GIS Manholes (see data above): LS5, LS6, LS7, LS8
 - Repaired cleanout on Twin Pines Easement
 - Cleaned easement from STP to Park
 - Repaired plugged sewer cleanout on Tannahill
 - Treated problem grease mainlines with caustic soda
 - Built and installed vehicle gate for easement road on Ferret Ct
 - LS10: Repaired #2 check valve, it was clogged with debris
 - LS7: Investigated alarm reporting problem on Pump 2, reset PLC
 - LS9: Removed and replaced cabinet heater
 - LS8: Cleaned pressure sensor and level floats

Parks Division

Maintenance and Repair

- **Mary Laveroni Community Park**
 - Landscape Maintenance
 - Follow up inspection/maintenance after St Patrick's Day event
 - Replaced outlet in Lower Park
 - Took inventory of tables and chairs
- **Ballfield & Dog Park**
 - Clear culvert and repair drainage ditch

General Maintenance Division

Maintenance By Department

- **Operations Department**
 - 2G Water Treatment Plant
 - Repaired chlorine injection pump
 - Exercised and inspected generator
 - Repaired conduit and rerouted wiring for CCT flow meter
 - Big Creek Water Treatment Plant
 - Repaired faulty PLC card on UV system and calibrated Reactor 2
 - Cleared plugged sink drain
 - Rebuilt ARV
 - Chlorine generator: Flushed and adjusted brine line; Cleaned and reassembled meter; Adjusted voltage
 - Exercised and inspected generator
 - Remove, clean, replace PRV
 - Remove and dispose of wire and scrap metal
 - AWS
 - Replaced and adjusted packing on turbine pump at Dunn Ct
 - STP
 - Repaired press and serviced hydraulic system
 - Cleaned sludge pump and serviced plungers
 - Removed and replaced blower #1 and #2 motor bearings
 - Removed and replaced Lovejoy coupling on effluent pump
 - Installed temporary cover over clearwell
- **Maintenance Department**
 - Equipment
 - Generators
 - Exercised, inspected, and manually ran generators and equipment

- Tank 2: Serviced
- LS9: Removed and replaced transfer switch controller
- LS2: Repaired coolant leak
- Serviced Rain for Rent
- Vehicles
 - 70981: 90-Day Inspection; Took out of service due to bad engine sensor (looking for part, supply chain shortage)
 - 79987: Replace tires; Removed and repaired fender well; 90-Day Inspection; Repaired leak in pump line
 - 79783: 90-Day Inspection
 - 50807: Serviced; Repaired fan speed sensor, fan control, and glow plug #3
 - 41820: Serviced; Repaired door stop
 - 31622: Serviced
 - 30711: Greased; Repaired tire
 - 38010: Repaired tire
 - 42127: Remove and replace front grill
 - 50415: Diagnosed misfire, performed leak down test, compression test, inspected coil wires, fuel pressure, cam, and valve train; Tested resistance on #8 fuel injector, found to be faulty and ordered parts
 - Removed and replaced wheels on Hotsey pressure washing equipment
- Buildings & Yard
 - Reorganize and clean pole barn and conex storage areas

Contracted Work

Workplace Safety and Training

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