



Operations Report

Month of Review: January 2021

Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Renee Van Dyk, Administrative Services Technician
- Adam Ahlswede Operation Supervisor

Wastewater Treatment Plant Flows

| Influent Totals From: January 2021 | |
|------------------------------------|---------|
| Total | 3.86 MG |
| High | .27 MG |
| Low | .07 MG |
| Average | 0.12 MG |

| Effluent Totals From: Plant: January 2021 | |
|---|---------|
| Total | 3.91MG |
| High | 0.28 MG |
| Low | 0.07 MG |
| Average | 0.12 MG |

Rainfall Totals at the Sewer Treatment Plant Month of January 2021

| Year | Total Rainfall-inches |
|----------------------|-----------------------|
| 2021 | 9.36 (High 3.86) |
| 2020 | 15.41 (High 1.95) |
| 2019 | 8.12 (High 2.71) |
| 2018 | 4.77 (High 1.88) |
| 2017 | 22.16 (High) |
| Current Season Total | 14.97 |

Wasting Totals

| | |
|--------------|------|
| Total Inches | 389 |
| Total Pounds | 5662 |

Reclamation Totals

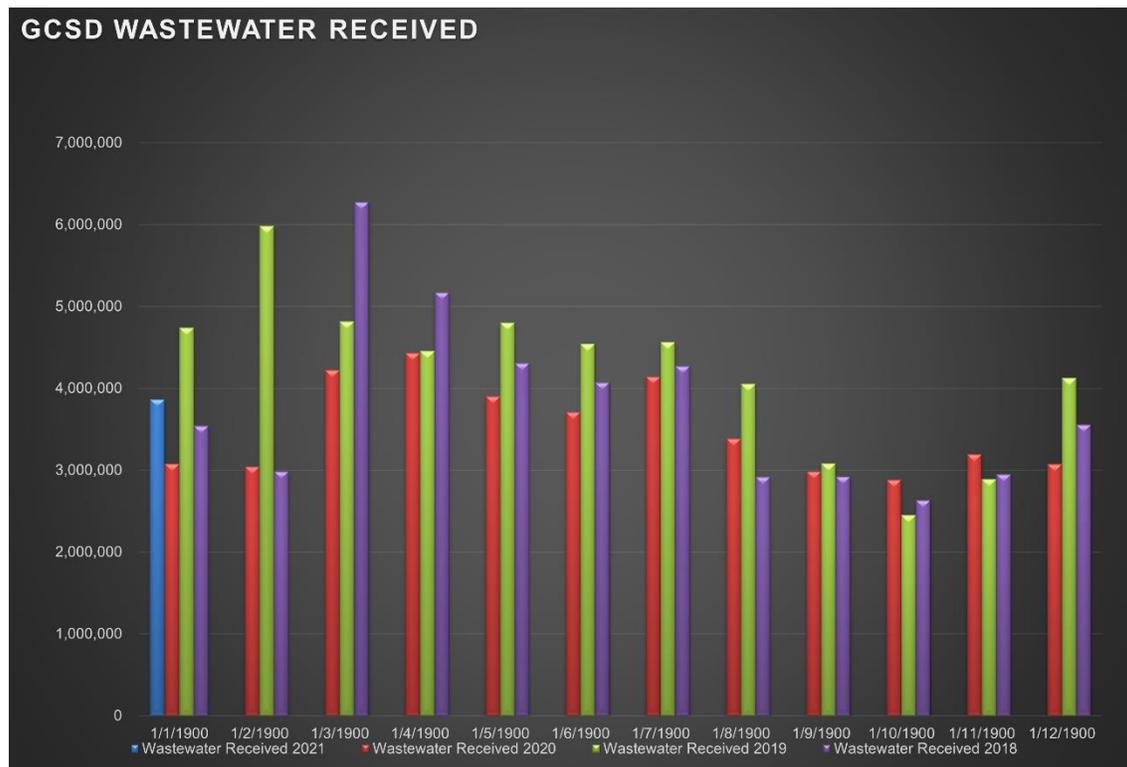
| | |
|--------------------|---|
| PML | 0 |
| Spray Fields | 0 |
| PML Season Total | 0 |
| Spray Fields Total | 0 |

Active Sewer Accounts: 1561

Activities at the Wastewater Treatment Plant

- 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
- Serviced STP Blower #3

Current and Past Monthly Influent Totals



Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
 - Added degreaser blocks at all Lift Stations
 - Added degreaser and odor control as needed
- Chemical flushed gravity sewer lines throughout the District for system maintenance
- Inspected and flushed problem manholes
- Hydro flushed multiple gravity lines throughout the District for system maintenance
 - Twin Pines lines

- Cleared part of LS 16 easement
- Cleared roots from Manhole on Hwy 120
- Marked out 15' easement in BOF for easement clearing
- LS11-Cleaned; Replaced pump and drive
- Replaced hour meter at LS14
- Investigated for I&I during storm event
- CCTV sewer line next to PML Gate

Treated Water Department

- 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
- Took weekly distribution samples and sent into Aqua Lab
- Cleaned Lime Tank at Big Creek WTP
- Cleaned UV system at 2G

Current and Past Monthly Water Consumption

Distribution Department

- Monitored/sample Distribution Tank as needed
- Read all District Water Meters
- Normal day to day: Trouble calls (low press/high press, no water, shut off for repairs etc.)
- Completed weekly checks on Tank 4, Highlands Pump stations (Building, Pneumatic Tank, Pumps and MCC Cabinet)
- Responded and marked multiple USA throughout the District
- Replaced check valve at Tank 4
- Installed new antenna on one of the new AMI meters
- Flushed Dead-Ends
- Repaired water main leak on Sean Patrick Lane
- Repaired 2 water main leak on Old Hwy 120
 - 6" Main Line and 6" gate valve
- Moved portable generator back to Dunn Court for AWS operations
- Replaced copper tubing for air relief valve control at AWS
- Exercised CLA-valve at Dunn Court

| Meter Related Services | Total |
|----------------------------------|-----------|
| Check/repair meter | 1 |
| Install water meter | 0 |
| Monthly Meter Restrictions | 0 |
| Meter change outs | 1 |
| Read tenant out | 2 |
| Re-Read | 23 |
| Turn off meter | 2 |
| Turn on meter | 1 |
| Test meter | 0 |
| Total Distribution Issues | 30 |

Active Water Accounts:3257

| Billed Consumption 2021 | Gallons |
|-------------------------|-----------|
| | 6,168,011 |
| Billed Consumption 2020 | Gallons |
| | 5,574,857 |

Construction and Maintenance

| Description | Water | Sewer |
|-------------------------------|----------|----------|
| Main line leaks | 0 | 0 |
| Main line break | 2 | 0 |
| Service leaks | 1 | 0 |
| Service breaks | 0 | 0 |
| Fire Hydrant replaced/repared | 0 | 0 |
| Totals Per Service | 3 | 0 |

Maintenance

- General yard maintenance around the District amenities (mow, weed eat, trash, debris removal, limb trees ETC)
- Cleaned around dumpster area and hauled cardboard to Moore Brothers
- Continuous Corp yard cleanup
- Cleaned drainages
- Plowed parking lots and driveways
- Salted parking lots, driveways, and walkways
- Shoveled snow from walkways
- Installed new SCADA monitor in Maintenance Office Building
- Cleaned gutters and down spouts at Fire House
- Replaced generator transfer switch wiring that was chewed by rats
- Replaced LS 5 Standby Generator block heater
- Decommissioned Engine 788
- Replaced fuel pump and rebuilt pressure washer pump on Vac-Tron
- Cleaned, inspected, and greased Mini Excavator
- Cleaned, inspected, and greased Newer Backhoe
- Replaced front differential on Truck 6
- Replaced batteries on utility 786
- Replaced airline connectors at foot valve on Flush Truck
- Cleaned exhaust on Truck 7
- Replaced driver side mirror on Truck 19

Projects/Contract Work

- GIS Program
- Cartegraph Development
- Worked with District engineers in locating manholes for sewer project
- Worked with RDC and maintained water flow and pressure during Butler Way Bypass Project
- Worked with Burton Fire on Engine 781 repairs

After Hour Calls

- Staff had 8 after hour calls: 7 Water; 1 Sewer all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- Daily Tailgate Meetings
- Weekly Safety Meetings
- Weekly Security Checks
- Weekly Vehicle Inspection
- SDRMA Safety Courses
- On-Call training for newer employees
- Commercial Driver's License