



Operations Report

Month of Review: October 2020

Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Rachel Pearlman, Administrative Services Technician
- Adam Ahlswede Operation

Wastewater Treatment Plant Flows

Influent Totals From: October 2020	
Total	2.88 MG
High	.12 MG
Low	.06 MG
Average	0.93 MG

Effluent Totals From: Plant: October 2020	
Total	2.98 MG
High	.18 MG
Low	.06 MG
Average	.99 MG

Rainfall Totals at the Sewer Treatment Plant Month of October 2020	
Year	Total Rainfall-inches
2020	0
2019	0
2018	0.63 (High 0.49)
2017	0.64 (High 0.51)
2016	6.02 (High 2.31)
Current Season Total	0.04

Wasting Totals	
Total Inches	380
Total Pounds	5891

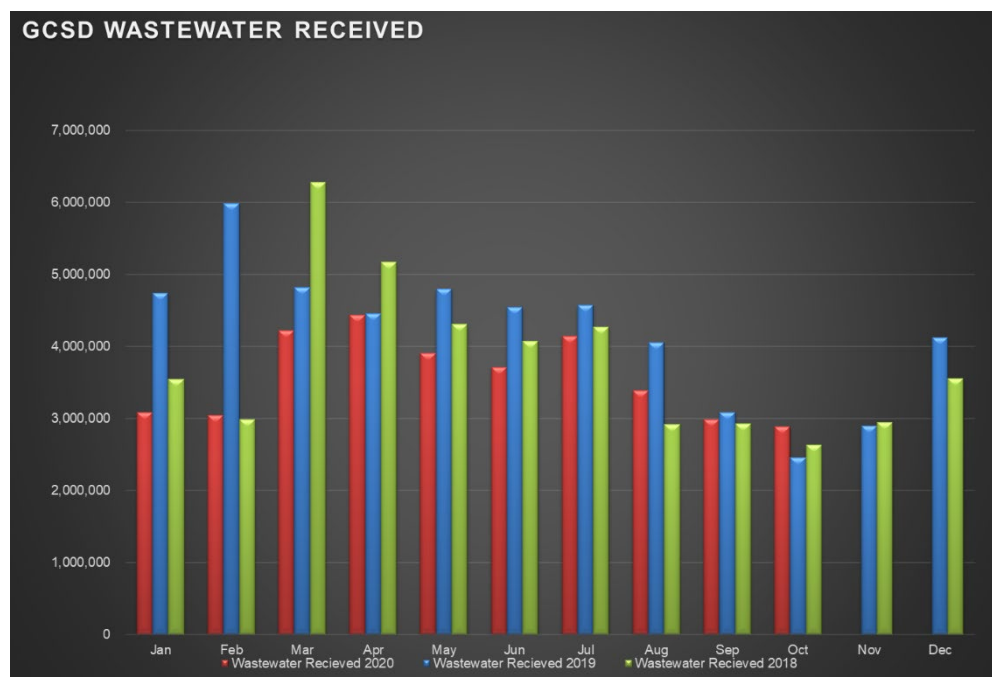
Reclamation Totals	
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

Active Sewer Accounts: 1560

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
- Loaded Biosolids for annual off haul
- Pulled STP Diffusers for E-Basin
- Rebuilt feeder pump for STP press

Current and Past Monthly Influent Totals



Wastewater Collections Department

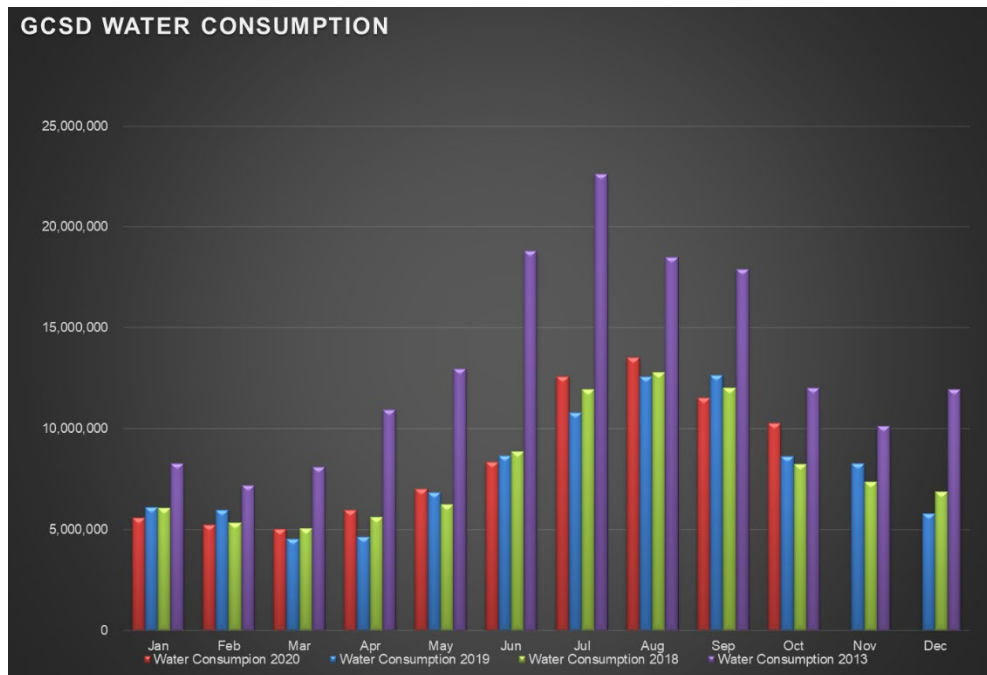
- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
 - Added degreaser blocks at all Lift Stations
 - Added degreaser and odor control when needed
- Chemical flushed gravity sewer lines throughout the District for system maintenance
- Inspected and flushed problem manholes
- Hydro flushed multiple gravity lines throughout the District for system maintenance
- Inspected Lift Station 13 and 16 breakover manholes for the Sewer Replacement Project

- Completed manhole inspections for LS 12, 13 and 14 gravity lines
- Cleaned Ls 11, 13, 14, 15 and 16
- Sealed manhole on Pleasant View Dr for odor issue

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
- Installed new chlorine pump at Big Creek Water Treatment Plant

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
- Repaired water service break on Rock Canyon Way
- Repaired 10" water main break on Green Valley Circle
- Flushed Distribution system for water quality
- Installed auto flushers on Hydrants for water quality control
- Performed Zero-Read Meter Verification Test (6-month audit)
- Cleaned out box/vault for surge valve on B/C transmission main line near McKinley

Meter Related Services	Total
Check/repair meter	10
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	4
Read tenant out	2
Re-Read	21
Turn off meter	1
Turn on meter	4
Test meter	2
Total Distribution Issues	44

Active Water Accounts:3256

Billed Consumption 2020		Gallons
Residential		9,686,684
Commercial		562,259
Billed Consumption 2019		Gallons
Residential		7,807,228
Commercial		799,629

Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	1	0
Service leaks	1	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	2	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
- Replaced light bulbs in MCC room @ STP
- Reopened Playground and Bathrooms at the Park
- Replaced a failed flush valve for toilet in women's bathroom
- Constructed and installed sneeze guard for the Park Snack Shack
- Serviced PS5 (Highlands) and 2G Generator
- Replaced hour meter on LS 5 generator
- Replaced block heater on LS 7 and 8 Generator
- Replaced LS 13 Generator batteries
- Repaired Tank 4 generator, wiring damage due to pest
- Replaced Truck 15 crane cable
- Serviced Truck 17; Rotated Tires
- Serviced Truck 19
- Engine 781: installed new lights and repaired wiring; repaired/replaced bulbs for marker lights and pump panel lights; cleaned leaves from radiator
- Engine 783; repaired air leak
- Utility 786; serviced; Replaced tires
- Picked up donated Ambulance in Copperopolis for development of CERT program
- Car trailer: inspected brakes and serviced wheel bearings; Replaced tires; Replaced rear marker lights; Replaced deck and fabricated excavator bucket landing pad
- Inspected brakes on backhoe tilt trailer
- Cleaned and grease newer backhoe
- Mini Excavator: Cleaned and greased; Replaced battery
- Bobcat: Replaced batteries and battery cable ends

- Boat: Began making repairs to the outboard engine and shift linkage
- Service the 10K and 7K portable Generators

Projects/Contract Work

- GIS Program
 - Completed Hydrants and Hydrant Valves in:
 - Unit 17, 20 and 30
- Cartegraph Development
- Trackstar Development
- Industrial Electrical Company
 - Repaired Generator Block heaters at 2G, STP and LS 16
 - Finished Tank 2 Generator Project
- Presidio System Inc
 - CCTV and marked sewer lines in BOF & Unit 12

After Hour Calls

- Staff had 8 after hour calls: 7 Water; 1 Sewer; 0 Park; 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
- Respirator fit testing for all field staff