



# Operations Report

Month of Review: April 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: April 2021

Total	3.59 MG
High	.16 MG
Low	.09 MG
Average	0.12 MG

#### Effluent Totals From: Plant: April 2021

Total	3.64 MG
High	0.16 MG
Low	0.09 MG
Average	0.12 MG

### Rainfall Totals at the Sewer Treatment Plant Month of April 2021

Year	Total Rainfall-inches
2021	0.49 (High 0.43)
2020	3.26 (High 2.42)
2019	0.81 (High 0.22)
2018	2.69 (High 1.40)
2017	5.09 (High 1.58)
Current Season Total	20.74

### Wasting Totals

Total Inches	478
Total Pounds	5849

### Reclamation Totals

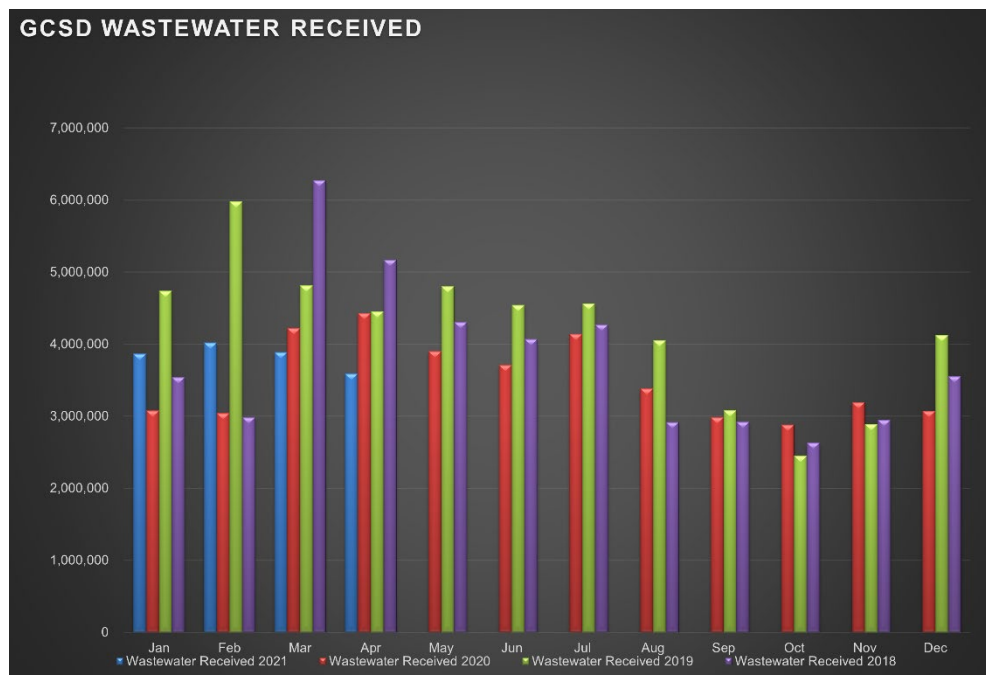
PML	0
Spray Fields	0
PML Season Total	0
Spray Fields Total	0

Active Sewer Accounts: 1562

## 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
- Cleaned out STP OSG unit brine tank
- Fabricated and installed new polymer mixer for the screw press
- Replaced belts and aligned blower for STP
- Tighten packing on RAS pump (Omar)
- Cleaned out influent pump basin
- Cleaned and oiled air filters on all blowers at the STP
- Repaired failed ARV on reclaimed water line

### Current and Past Monthly Influent Totals



## Wastewater Collections Department

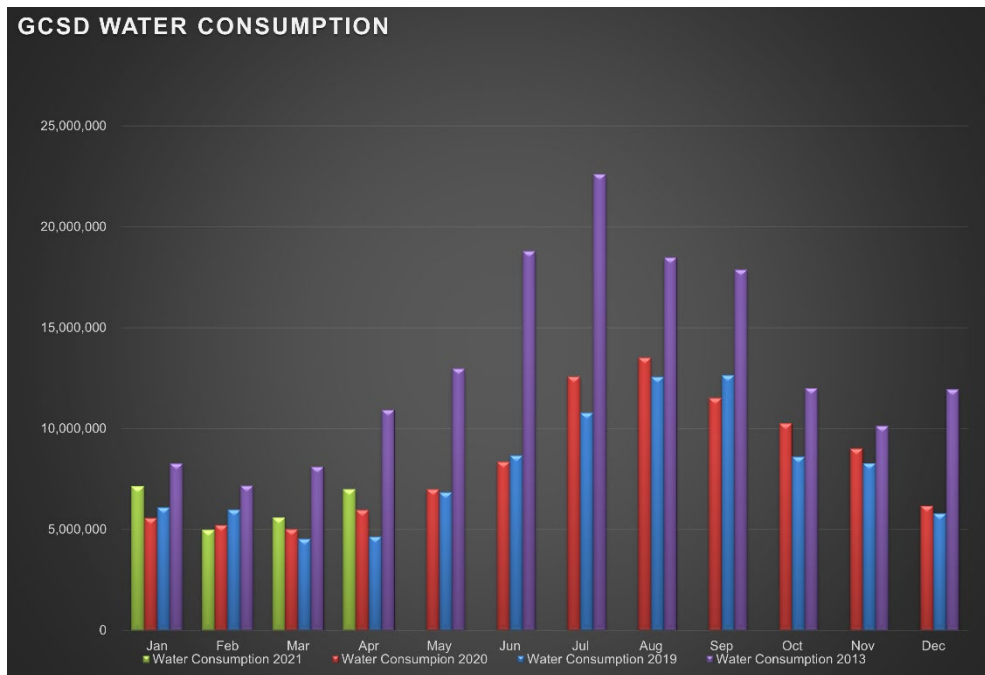
- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
  - Added degreaser and odor control as needed
- Chemical flushed gravity sewer lines throughout the District for system maintenance

- Inspected and flushed problem manholes
- Hydro flushed multiple gravity lines throughout the District for system maintenance
- Completed Manhole inspections for Lift Station 3, 4 and 5 gravity lines
- Cleaned up down trees around Lift Station 7 force main ARV box
- Flushed and CCTV creek crossing sewer main at District office
- Repaired manhole ring on McKinley way
- Started cleaning Lift Station Cabinets

## 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
- Serviced 2G Turbine pump
- Installed new lime mixing motor at BC
- Relocated AWS waste line

### 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
- Cleaned multiple meter boxes and replaced lids as needed
- Started Cla-Val (surge valve) replacement project on BC Transmission Line
- Repaired leaking water main on Tannahill Drive
- Repaired leaking ARV on HWY 120 in BOF

Meter Related Services	Total
Check/repair meter	0
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	1
Read tenant out	2
Re-Read	25
Turn off meter	2
Turn on meter	1
Test meter	0
<b>Total Distribution Issues</b>	<b>31</b>

**Active Water Accounts:3256**

<b>Billed Consumption 2021</b>	<b>Gallons</b>
	6,987,117
<b>Billed Consumption 2020</b>	<b>Gallons</b>
	5,961,500

## Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	0
Main line break	1	0
Service leaks	0	0
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
<b>Totals Per Service</b>	<b>1</b>	<b>0</b>

### 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
- Made container railing for dumpsters to protect shop and retain dumpster
- Replaced serpentine belt on LS 5 and 6 standby generators
- Inspected and made repairs for annual pump testing on Engine 781, 783 and 787, replaced air tank on 787
- Replaced glow plug on truck 7
- Replaced brakes and broken brake caliper; serviced transmission; replaced transmission temp sensor on truck 17
- Serviced truck 25
- Replaced idler arm on truck 18
- Inspected; greased, adjusted linkage on Kabota Tractor

### Projects/Contract Work

- Cartegraph Development
- GIS Water Valves
- Hi-Tec
  - Pump tested engine 783
- Sierra Foothill Pest Control
  - Weed spraying at District properties

- Jorgensen Co.
  - Annual Fire Extinguisher Service/testing

### After Hour Calls

- Staff had 7 after hour calls: 6 Water; 1Sewer 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
  - Behind the wheel testing
- SCADA Training