



# Operations Report

Month of Review: July 2020

### Information Provided by:

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

### Wastewater Treatment Plant Flows

#### Influent Totals From: June 2020

|                |         |
|----------------|---------|
| <b>Total</b>   | 4.14 MG |
| <b>High</b>    | .17 MG  |
| <b>Low</b>     | .11 MG  |
| <b>Average</b> | .13 MG  |

#### Effluent Totals From: Plant: June 2020

|                |         |
|----------------|---------|
| <b>Total</b>   | 4.30 MG |
| <b>High</b>    | .21 MG  |
| <b>Low</b>     | .11 MG  |
| <b>Average</b> | .14 MG  |

#### Rainfall Totals at the Sewer Treatment Plant Month of June 2020

| Year                 | Total Rainfall-inches |
|----------------------|-----------------------|
| 2020                 | 0                     |
| 2019                 | 0                     |
| 2018                 | 0                     |
| 2017                 | 0                     |
| 2016                 | 0                     |
| Current Season Total | 0                     |

#### Wasting Totals

|                     |      |
|---------------------|------|
| <b>Total Inches</b> | 455  |
| <b>Total Pounds</b> | 7853 |

#### Reclamation Totals

|                           |   |
|---------------------------|---|
| <b>PML</b>                | 0 |
| <b>Spray Fields</b>       | 0 |
| <b>PML Season Total</b>   | 0 |
| <b>Spray Fields Total</b> | 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
- Replaced the gate valve for Res 1 bypass pump
- Replaced E-Basin blower number 1 and serviced all other blowers
- Rebuilt the OSG unit at the Sewer Treatment Plant

## Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
  - 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
- Cleaned Lift Station 9, 10, 11, 12, 13, 14 and 15
- Replaced the Pressure Transducer at Lift Station 11
- Repaired spray fields 3 and 4 roads
- Completed manhole inspections for Lift Station 16 (BOF), Groveland and Twin Pines gravity lines. 151 Total manholes were opened and inspected
- Replaced floats at Lift Station 2
- Repaired and cleaned up SSO @19419 Pleasant View Dr



Manhole Spilling due to  
root blockage



Root that was removed to restore flow

## 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
- Completed OSG maintenance for both Water Treatment Plants BC and 2G

## 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)
- Flushed dead ends
- Replaced water service @ Miller Brothers Automotive

| Meter Related Services | Total |
|------------------------|-------|
| Check/repair meter     | 0     |

|                                  |           |
|----------------------------------|-----------|
| Install water meter              | 0         |
| Monthly Meter Restrictions       | 0         |
| Meter change outs                | 0         |
| Read tenant out                  | 5         |
| Re-Read                          | 80        |
| Turn off meter                   | 0         |
| Turn on meter                    | 2         |
| Test meter                       | 1         |
| <b>Total Distribution Issues</b> | <b>88</b> |

Active Water Accounts:3253

| Billed Consumption 2020 |  | Gallons  |
|-------------------------|--|----------|
| Residential             |  | 11760774 |
| Commercial              |  | 806351   |
| Billed Consumption 2019 |  | Gallons  |
| Residential             |  | 9861716  |
| Commercial              |  | 913966   |

## Construction and Maintenance

| Description                   | Water | Sewer |
|-------------------------------|-------|-------|
| Main line leaks               | 0     | 0     |
| Main line break               | 0     | 0     |
| Service leaks                 | 0     | 0     |
| Service breaks                | 0     | 0     |
| Fire Hydrant replaced/repared | 0     | 0     |

|                           |          |          |
|---------------------------|----------|----------|
| <b>Totals Per Service</b> | <b>0</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
- Completed generator checks on all District standby generators
- Rewired the block heater for the BC Generator
- Serviced Truck 786
- Serviced truck 6 engine cooling system and replaced thermostat and radiator cap
- Serviced and replaced front brakes on Truck 9
- Serviced Truck 10
- Performed manual exhaust regen on Truck 17
- Serviced Truck 18
- Cleaned and greased the Old Dump Truck
- Cleaned and greased the Old Backhoe
- Replaced hydraulic filter and hydraulic hoses and greased Kabota Tractor

### Projects/Contract Work

- GIS Program
  - Unit 7
  - Unit 8
  - Unit 9
  - Unit 10
- Presidio Systems, Inc Hydro-flushed and CCTV 7,200 feet of sewer main leading to Lift Station 5
- Hessler Construction continued working on the District 2020 Building Project

### After Hour Calls

- Staff had 6 after hour calls: 4 Water 2 Sewer all resolved

## Workplace Safety and Training

### **Weekly Safety Meetings and Training**

- Daily Tailgate Meetings
- Weekly Safety Meetings
- Weekly Security Checks
- Weekly Vehicle inspection