



Operations Report

Month of Review: June 2020

Information Provided by:

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

Wastewater Treatment Plant Flows

Influent Totals From: June 2020

Total	3.71 MG
High	.15 MG
Low	.08 MG
Average	.12 MG

Effluent Totals From: Plant: June 2020

Total	3.82 MG
High	.17 MG
Low	.08 MG
Average	.13 MG

Rainfall Totals at the Sewer Treatment Plant Month of June 2020

Year	Total Rainfall-inches
2020	1.97 - (1.23 High)
2019	7.90 - (1.88 High)
2018	0.53 - (0.45 High)
2017	0.35 - (0.20 High)
2016	0.28 - (0.16 High)
Current Season Total	27.53

Wasting Totals

Total Inches	361
Total Pounds	5791

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
- Repaired air diffuser on the STP contact Tank
- Rebuilt STP Ras pump (Omar)

Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
- 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 LS 7 gravity lines. 73 MH were opened and inspected for the month of June.
- LS 2- replaced hour meter for pump 1

Odor Control

Staff completes their weekly Lift Station and Collections system maintenance including site checks/inspections, applying odor control to all stations, applying degreaser to stations with known grease problems, chemical flushing gravity lines, flushing out problem manholes, hydro flushing gravity lines, and cleaning 4 stations a month. We added extra measures for the busy holiday season, starting on May 18th with the cleaning of the 4 main hub stations LS 5, 6, 7 and 8 using an outside contractor, adding chlorine tabs to the main hub stations, applying odor control to breakover manholes, cycling stations to completely turn over force mains, maintaining the Sewer Treatment Plant E-Basin at a reduced level to maintain a higher air concentration, and reduced sludge handling.

Since May 2020 we have had 4 odor complaints, two of these were called in during work hours, and staff was able to respond add odor reducing agents and complete our odor investigation form, this form is used for field investigation to more carefully define and identify odors. The other two were in the form of email which we received Monday morning following the fourth of July weekend, this did not give staff a chance to respond and field investigate the problem. We have responded to both email and have sent them our Sewer Odor Questionnaire, we have not had a response back yet.

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
- Maintenance Big Creek and 2G UV system and replaced RTU cabinet fans

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
- Repaired service line leak on Merrell Rd
- Tank 3- repaired hole in vertical fill line
- Repaired hydrant leak on James Circle
- Repaired broken hydrant on Big Foot Circle
- Repaired water service leak on Fountain Circle
- Replaced filter on PRV in BOF
- Installed new curb stop on at U3L429

Meter Related Services	Total
Check/repair meter	5
Install water meter	0
Monthly Meter Restrictions	0
Meter change outs	0
Read tenant out	3
Re-Read	23
Turn off meter	3
Turn on meter	9
Test meter	1
Total Distribution Issues	44

Active Water Accounts:3253

Billed Consumption 2020		Gallons
Residential		7942636
Commercial		398863
Billed Consumption 2019		Gallons
Residential		8003720
Commercial		666789

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/repaired	0	0
Totals Per Service	0	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
- Corp Yard Cleanup
- Continued Maintenance Shop Cleanup
- Mowed Gras around Administrative Building, Parking Lot, and Driveway
- Repaired and replaced lights in shop
- Adjusted Shop door
- Replaced filter for Firehouse icemaker
- Repaired road to Tank 1
- Serviced Truck 20 and rotated tires
- Completed 90-day inspections-Vac Truck, Flush Truck, Engine 788 Dump Truck and Trailer
- Vac Truck- Replaced Lovejoy couplings; cleaned cab filters
- Flush Truck-cleaned cab filters

- Engine 781- Charged A/C system with added dye and sealer; repaired auxiliary pump wiring; serviced engine; repaired power steering leak; replaced belts; repaired PTO leak; degreased engine
- Replaced bump heads on weed eaters
- Chainsaw-Cleaned and replaced chains
- Maintenance AC Pipe chainsaw
- Truck 9- replaced starter
- Truck 15- Replaced windshield; replaced fouled spark plugs; replaced motor mounts; serviced; replaced oil sensor; replaced oil cooler lines; replaced brake master cylinder; degreased engine
- Replaced block heater hose on LS 5 standby generator
- Disked and mowed spray fields

Projects/Contract Work

- GIS Program
 - Completed Hydrants and Hydrant Valves in:
 - Unit 4
 - Unit 5
- Developed a dead-end flushing program for water system
- Began Corp yard road installation project
- Moyle Construction
 - LS 16 Manhole and pipe replacement project- we aided in sewer control during pipe replacement



Exposing LS 16 old Gravity Line



Removing LS 16 old Gravity Line



Installing new pour in place Manhole

- Ferretti Rd hydrant repair- we supplied materials and traffic control
- Manhole replacement project at the lower park
- Wood Rodgers- Provided field information for water and wastewater master plan

After Hour Calls

- Staff had 5 after hour calls: 5 Water 0 Sewer all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

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