



Operations Report

Month of Review: June 2019

Information Provided by:

- Luis Melchor, Operations Manager
- Greg Dunn, Chief Plant Operator
- Rachel Pearlman, Administrative Services Technician
- C&D Staff
- Maintenance Staff

Wastewater Treatment Plant Flows

Influent Totals From Plant: June 2019

Total	4.54MG
High	.19MG
Low	.11MG
Average	.15MG

Effluent Totals From Plant: June 2019

Total	4.84MG
High	.19MG
Low	.10MG
Average	.16MG

Rainfall Totals at the Sewer Treatment Plant Month of June

Year	Total Rainfall-inches
2019	0.04 (.04 High)
2018	0.00 – (0.00 High)
2017	0.14 – (0.09 High)
2016	0.00 – (0.00 High)
2015	0.00 – (0.00 High)
Current Season Total	56.44

Wasting Totals

Total Inches	396
Total Pounds	6853

Reclamation Totals: Off for the Season

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Active Sewer Accounts: 1544

Activities at the Wastewater Treatment Plant

- Took weekly Bac Ts and BOD of the CCC and sent into Aqua Lab for testing
- Completed monthly Wastewater Report and sent to the State
- Repaired/replaced floats on the Final Effluent CC at the STP
- Cleaned up debris from LS 5, 6, 7 & 8 cleaning(loaded in disposal container)
- Repaired leak around the Headworks inlet and built/replaced wood vault covers

Wastewater Collections Department

- Completed all Preventative Maintenance Check Sheets (PMCS) at all Lift Stations (weekly)
- Chemical flushed gravity sewer lines throughout the District
- Hydro flushed multiple gravity lines throughout the District
- Completed odor and grease control at Lift Station 6 & 7 and other stations as needed
- Picked up all wall blocks from Ls 7 and brought back to yard. Dryco will be constructing headwall around the culvert for PML
- Completed gravity manhole inspection for Lift station 7
- Total of 77 manholes were inspected during June
- Weedeated around Lift Station 5, 6, 7, 8, 9 and 10

Treated Water Department

- Submitted monthly Water Treatment Report and Conservation Report
- Performed weekly checks and calibrations on all analyzers at 2G, BC, and AWS
- Performed monthly UV calibrations at 2G
- Took weekly plant samples and sent into Aqua Lab
- Brought Big Creek water treatment plant back on line after Turbine was reinstalled

Distribution Department

- Took distribution samples and sent into Aqua Lab
- Monitored Distribution Tank weekly(dosed Tank 2,3,4 & 5)
- 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(Building, Pneumatic Tank, Pumps and MCC Cabinet) and Highlands Pump stations (Building, pumps and MCC Cabinet)
- Weedeated around Hydrants in unit 3, 11, 12, Town, BOF, old 120 and Whites Gulch
- Flushed water in the Tank 2 and 5 service area
- Completed Directional Flushing for unit 15 service area
- Cleaned around Butler Way bypass pump station

Meter Related Services	Total
Check/repair meter	3
Install water meter	1
Monthly lock offs	12
Meter change outs	1
Read tenant out	3
Re-Read	32
Turn off meter	6
Turn on meter	12
Test meter	0
Total Distribution Issues	70

Active Water Accounts:3245

Billed Consumption	Gallons
Residential	8003720
Commercial	666789

Construction and Maintenance

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

Maintenance

- General yard maintenance around the District maint. yard (mow, weed eat, debris removal, limb trees ETC)
- Made dump run to Groveland Transfer Station
- Cleaned around dumpster area and hauled cardboard to Moore Brothers
- Complete general ground maintenance at the Park (mow, weed eat, debris removal, limb trees ETC)
- Fabricated/built a spreader box for the sludge drying process
- Repaired locks on Truck 7 boxes
- Fueled generators at Ls 3, 6, 10 and Tank 4
- Repaired/replaced tires on the golf cart
- Repaired exhaust manifold on Truck 17
- Ran new copper line for Maintenance shop swamp coolers
- Fabricated/installed new shelving unit on the District traffic control trailer
- Completed general service on the lawnmower and installed new blades
- Installed new air shutoff valve for the Old Vac-truck
- Completed dust control on District roads
- Worked with Industrial Electric trying to diagnose problem with Tank 2 and Highlands Generator
- Repaired the knife switch for the sludge compacting unit at the STP
- Took Truck 7 to Sonora Ford for computer errors
- Reinstalled the fence around Big Turbine Building
- Greased Big Creek Booster pumps and Motors

Water Projects

- Worked with KCCO Crane Co reinstalling the dog house to Big Creek Turbine
- Assisted Don Pedro Pump with the installation of Big Creek Turbine

Sewer Projects

- Worked with Pacific Pipeline completing CCTV and Jetting of Lift Station 15 gravity lines total of 14503.70 Ft of gravity line was cleaned and inspected.
- Flume Project will start July 1,2019
- Valve vault project will start after the Fourth of July holiday

Park Projects

After Hour Calls

Staff had 17 after hour calls: 15 water and 2 sewer, all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- 6-4-2018 CPR first aid training
- 6-6-2019 CPR first aid training
- 6-11-2019 Frost fit testing
- 6-12-2019 Pump station emergency response webinar
- 6-18-2019 Power tool safety with Quiz
- 6-27-2019 Hazard awareness/ reporting