



Operations Report

Month of Review: January 2020

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: January 2020

Total	3.08 MG
High	.15MG
Low	.09MG
Average	.99MG

Effluent Totals From Plant: January 2020

Total	3.35MG
High	.16MG
Low	.07MG
Average	.11MG

Rainfall Totals at the Sewer Treatment Plant Month of January

Year	Total Rainfall-inches
2020	3.00 - (1.95 High)
2019	8.12 - (2.71 High)
2018	4.77 - (1.88 High)
2017	22.16 - (2.90 High)
2016	9.74 - (1.79 High)
Current Season Total	15.41

Wasting Totals

Total Inches	391
Total Pounds	5762

Reclamation Totals

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

Active Sewer Accounts: 1554

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

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
- Installed new Pressure Transducer (PT) at Lift Station 14 and #3
- Worked with Steve for Aqua Sierra on Auto dialer problem at Lift Station 8 and ISR problem at Lift Station 2
- Private Lateral spill on HWY 120, removed root, cleaned up, CCTV line and reported
- Completed Manhole inspections for Groveland and Big Oak Flat (196 Total Manholes opened)
- During inspections staff found a surcharged manhole, line was cleaned from the skate park to the District office. Staff found that a rock was blocking most of the flow
- Cleaned Lift Stations 2,3,4 and 16
- Cleaned (vacuumed, wipe down, ETC) all Lift Station cabinets
- Ran CCTV camera for possible sewer clog on Lower Skyridge
- Sewer spill at Bass Pond (restored flow, cleaned up, disinfected and reported)



Upstream Manhole



Spill Site



**Root ball and grease broken lose
from Hydro Flushing
left**

**Root ball and grease removed
right**



Repair
Root intrusion at broken lateral fitting



Left repair area – Right spill site

**Straw laid down for erosion control
after final clean up**

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
- Cleaned Lime tank at Second Garotte Treatment Plant
- Installed finish chlorine pump at Second Garotte WTP

Distribution Department

- Monitored Distribution Tank
- 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)
- Put out Conservation signs for upcoming Water Service Interruption 1-2-2020 took down on 1-29-2020
- Water break on Merrell Rd 4" main line
- Water break on HWY 120 and Wards Ferry Rd (Cleaned up and put in cutback)



Broken 6" AC main line

- Started flushing dead ends throughout the District
- Repaired broken service line (at Meter) on Hwy 120 in BOF

Meter Related Services	Total
Check/repair meter	2
Install water meter	0
Monthly lock offs	23
Meter change outs	2
Read tenant out	4
Re-Read	9
Turn off meter	3
Turn on meter	22
Test meter	24
Total Distribution Issues	89

Active Water Accounts:3251

Billed Consumption Jan 2020	Gallons
Residential	5223617
Commercial	351240
Billed Consumption Jan 2019	
Residential	5659627
Commercial	427995

Construction and Maintenance

Description	Water	Sewer
Main line leaks	0	1
Main line break	2	0
Service leaks	0	1
Service breaks	0	0
Fire Hydrant replaced/repared	0	0
Totals Per Service	2	2

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 as needed (mow, weed eat, debris removal, limb trees ETC)
- Repaired right rear tire on the old backhoe
- Cleaned out gutters and drainages at Second Garotte, highlands, Admin and Ops buildings
- Serviced truck 19 and 15 (oil, filters, fluids, rotate tire, ETC)-replaced bad pinion seal on Truck 15
- Took Truck 13 (Bucket Truck) to Stockton for hydraulic line repairs (1-6-2020) and picked up on 1-15-2020
- Fueled Dunn Ct standby generator and removed the Battery shut off and installed it on Tank 2 standby generator
- Installed new headlights on Truck #7
- Brushed/cleaned around Tank #3
- Changed out ABS air valve, crank case filter, installed new latch for the passenger seat and completed service (oil, filters, fluid and checks) on Engine 781
- Cleaned up down Oak Tree in Spray Field 3
- Cleaned out porta pottie at AWS
- Picked up new cutting edges for new backhoe in Jamestown
- Replaced driver side windrow crank and replaced brakes on Truck #8
- Burned piles around District
- Serviced Lift Station 2 standby generator (oil, filters, fluid and checks)
- Fueled Lift Station 7 standby generator
- Replaced batteries on Truck # 17
- Ran STP standby generator

Projects

After Hour Calls

- Staff had 8 after hour calls: 4 water and 4 sewer, all resolved

Workplace Safety and Training

Weekly Safety Meetings and Training

- Complete monthly Fire extinguisher, eyewash and ladder checks
- 1-9-20 GIS Training with Cal-Cad
- Worked with Clhor-Tech reps on OSG units
- Electrical safety
- Bloodborne pathogens
- Workplace Violence
- Asbestos