

Lafayette Water Works Plant

Water Our Most Precious Resource

February-24

Operations

Canal

Collected iron and manganese samples and put together spreadsheet for Wessler Engineering
Reached out to Puritan for quote on servicing greensand filters
Troubleshoot and tracked wires to brine tank and greensand filters

Glick Station

Collected iron and manganese samples and put together spreadsheet for Wessler Engineering
Glick Wellfield Improvements meeting with Reynolds, Wessler, and Huston Electric
Sent chemical feed calculations to Wessler Engineering

Columbian Park

Repaired computer chair armrest
Mopped up water from leaks in boiler room while Maintenance made repairs

Murdock Park

Responded to SCADA comms loss and secondary HMI server loss, got with IT on issues
Working on Maintenance Mode and Loss of Comms SOP - SCADA
Explained Maintenance Mode and manually running things to new Maints Tech

Elevated Towers

MISC

Got rid of old Emergency Action Plan and replaced with updated version
Emailed vendor packet to De Nora for Clor-Tec system servicing
Having operations staff read through updated Emergency Action Plan
Having Clor-Tec parts shipped and setting up scheduling for repairs
Got with Steve and UBO on UCMR5 billing notification and putting results on website
Did orientation and took new operator to water works buildings as part of training
Completed KnowB4 training modules with operators
Complete January MRO and submitted to State
Ongoing training of new operator
Collected 2023 gallons pumped data for DNR, IURC, and Annual reports
Sent flow data and start of IURC report to Amy in billing
Operator and maintenance tech brined roads
Collected flushing data from Public Works Inspectors for IURC
Collected data and sent 5 highest pumping days to Wessler
Got updated well cleaning dates and calculated gpm/mgd for each plant for IURC
Got with HP Thompson on analyzer parts quote
Took Reliable exterminator to water works buildings for service
Operator took truck #414 to fleet for tire repair
Reached out to De Nora for updates on Clor-Tec parts shipment
Filled in info for Wessler Water Audit Checklist and sent to appropriate individuals for completion
Operators took laptop to IT for help getting Munis working for new operator
Got with Backflow Inspector to set up new operator with GIS account
Reached out to Plas-Tanks for assistance with possible failed electrical components on brine tank system

45 After hours and weekend service request calls that are handled by our System Operators and On-Call personnel.

Average pumping: 8.4 mgd
Maximum Pumping: 9.6 mgd
Minimum Pumping: 7.6 mgd

Lab

Monthly MRO report.
Monthly Total Coliform Report.
Inventory on DI tanks.
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Reagents made.
TTHM & HAA5 Tested in Distribution System.
Installed new DI tank.

Maintenance

Canal

Check all heat tape on all wells and towers before cold weather (multiple times this month)
Remove all Hypoxi from Hypo and replaced it with all new
Snow plow clean-up of all equipment and locations (multiple times this month)
Operations building checking spool and corps in 36 inch water mains on regular bases
Weekly Boiler checks at all locations
Running of generator's weekly
Wash trucks and clean tools
Replaced oracle hose Canal
Cleaned and threw away all clutter in break room, conference and hallway in Admin. Building
Worked on Water Softener (getting Air in it) Pat S. 5 hours O/T plus O/T for Charlie/Pat on Sat2/24
Worked on North Gate
Repaired garden hose in the Truck bay, Admin. building
Changed oil in all chemical feed pumps
Replaced valve on Chlorine pump
Changed Fluoride hose in the chemical feed pump Canal
Changed Chlorine hose in the chemical feed pump Canal
Replaced drain in restroom in Operations Building
Replaced the drain in the restroom in Inventory Building (construction restroom)
Prepped to change out corps in 36" main within the Operations building
Work on the air relief for Well #6 (replace kettle)

Glick Station

Clean flow meter as requested
Transferred chemical from Glick to Canal with loader
Pick up bricks around well #1 after flooding
Replaced oil in all chemical feed pumps
Clean restrooms within the Glick pump station
Tightened packing on well #1, #3, and #2
Added gravel around the base of well #1 and Well #2
Replaced chemical pump for Chlorine at Glick (Motor issues on original pump)
Removed Ammonia pump rebuilt it and hooked up to Chlorine line

CPHSS

Run gensets Weekly
Boiler checks Weekly
Greased all booster pumps at Park pumping station
Replaced the pressure tank on Boiler system in the Park Pumping building
Repaired roof leaks on the pump building (temporary fix)

Water Towers

Pick up trash at Union Water Tower and Plaza South Tower
Check heaters within towers due to cold weather coming

MISC

Pick up/ return sniffer to Renew as needed
Fire Extinguishers Monthly checks
Attend safety meeting as requested
Clean Operations Building Weekly
Transfer tools, vehicles, and Equipment to and from Fleet Department as needed
Enter Caucus Monthly
Checking all Water Works locations Daily
Collecting water depths multiple times a week
Hap and Charlie participate in the Wessler Water project (for 2 weeks straight)
Wesley Smith participating in CDL training at street barn
Work on organizing and stalking new service truck 422
Check all vehicle fluids and oil regularly
Participating in the Brine for the City Street due to bad weather coming
Holly and Wes participated in in the new Wessler schedule
Charlie assisted in the installation of the 3 inch meter with customer service
Participate in Snow removal for City Streets O/T
Installed ladder rack on truck #422

Construction

Installed 14 New Water Services
Repaired 3 Broken water Mains
Repaired 0 Fire Hydrants
Repaired 2 Meter pits
Made 3 New Service Taps
Repaired 1 service line
Plow snow / Salting
Cleaned and Sanitized breakroom/Organized work trucks, backhoes and dump trucks

Safety training for February- Nightwork
Checked on yards and streets that were dug up for broken main repairs

Total Locates performed-708, 42 were emergency calls.

Water Facility Inspector

Fire Hydrant Inspection 6
Precon 1
Assisted Construction Repairing Valve boxes 1
Worked on punch list
Performed 28 Bacteria Test
Flushed Mains 20
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
37 site inspections
Performed 2 meter pit and meter inspections
Turn on 36
Hard Flush 3
Witnessed 1 Hydrostatic Test
Turn off 31
Completed Yearly Report
Chlorination Witnessed 2
De Chlorination Witnessed 2

Backflow Inspector

Gave a presentation to WW on the shut-down and repair of the 36" Main in the Chemical Feed BLDG
Performed 21 Inspections
Continuing to update BSI-Online
Performed 1 Site Survey
Delivered 3 Letter to Test
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Trained Clint Moore in Cross Connection Inspector duties

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders completed: 1,045
Meters changed: 7
Customers disconnected for non-payment: 258
Dials changed: 10