

Lafayette Water Works Plant

Water Our Most Precious Resource

February-23

Operations

Canal

Operators cleaned building weekly

Glick Station

All day troubleshooting problems with well #1 and ammonia pump issues
Operator's cross-training and running tests on chlorine/ammonia applied ratio

CPHSS

Deep cleaned building for possible tour

Elevated Towers

MISC

Responded to Bowen Engineering design plans email on Murdock Park SCADA
Meeting with management staff on chemical feed upgrade progress
Reached out for different tank distributors in Indiana
Got with Pelton Environmental on new chemical feed pump sizing/gearboxes/etc.
Had Zoom meeting with supervisors and Bowen on finalizing Murdock Park SCADA screens
Created more detailed materials sheet for chemical feed project to help with getting quotes
Reached out to scale distributor for quote on Oracle day tank scale
Collected info on phosphate transfer pump for feed upgrade project
Meeting with Chief and Maintenance Foreman on Glick #1 repair progress/chemical feed project progress
Rebooted all SCADA clients and got with IT on strange alarms
Assisted IT with SCADA network permissive issues and ports that should be closed
Got with GRW Engineering on phosphate pump sizing issues with distributor
Fakes Engineering installed new WIN911 software, worked with them on getting new mobile app working
Ongoing work with purchasing manager on tank sizing and ordering info for distributors
Talked to Midco Diving on 2021 reservoir cleaning report, flow rate information, and quote on reservoir mixer
Completed annual caucus report
Pulled measurements in chemical feed room to visualize footprint of new tanks, feed equipment, etc.
Meeting with Mayor, Superintendent, and other snow plow crew on incoming winter storm
Operations Foreman, Maintenance Foreman, and one Maintenance Tech plowed snow 2/1-2/5
Ongoing covering of operator shifts due to staff shortage

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

Average pumping: 9.0 mgd
Maximum Pumping: 10.6 mgd
Minimum Pumping: 7.6 mgd

Lab

Monthly MRO report.
Monthly Total Coliform Report.
Ordered lab reagents.
Collected & tested 70 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Reagents made.
TTHM & HAA5 Tested in Distribution System.
UCMR5 testing done.
IOC'S and Nitrates testing done.

Maintenance

Canal

Check all heat tape on all wells and towers before cold weather (multiple times this month)
Prep all equipment before big snow fall
Snow plow clean up of all equipment and locations (multiple times this month)
Changed pump on the Hypo-gen in the chemical feed building
weekly boiler checks
Running of generator's weekly
Wash trucks and clean tools
Furnace Administration Building. Air flow issues
Clean and throw away all clutter in electrical rooms Admin. Building
Ran 5G wire from alarm panel to Communication towers on second floor Admin. Building (2day)

Glick Station

working on well #1 and #2
Changed out heat tape on well #2
Clay valve prep for diaphragm replacement (4 day event due to flooding)

CPHSS

weekly boiler system checks
weekly generator maintenance

Water Towers

working on the micro switch in vault at union tower
check all heaters within all towers

MISC

Help Parks department haul snow off bridges and overpasses (1 day)
Trucks to and from Fleet Maintenance Several times during this month
Neptune tower Firehouse #7 repairs
Plow and route clean up in route #1 and #3 (2 days)
Fire Extinguisher Checks in all buildings and maint. Vehicles
Extreme snow and cold this month
Paid Holiday this month
Assisted Mulhaupt in 5G upgrade in alarm systems
Pick up Lift from Renew

Construction

Installed 8 New Water Services
Repaired 16 Broken water Mains
Repaired 3 Fire Hydrants
Repaired 2 Meter pits
Made 2 New Service Taps
Repaired 1 service line
Plow snow
Cleaned and Sanitized breakroom/Organized work trucks, backhoes and dump trucks
Safety training for February- Blood Borne Pathogens
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 3
Precon 5
Assisted Construction Repairing Valve boxes 5
Worked on punch list
Performed 0 Bacteria Test
Flushed Mains 1
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
68 site inspections
Performed 8 meter pit and meter inspections
Turn on 4
Hard Flush 0
Witnessed 0 Hydrostatic Test
Turn off 2
Completed Yearly Report

Backflow Inspector

Gave a presentation to WW on Water Mains
Performed 11 Inspections
Continuing to update BSI-Online
Trained with Inventory Cost Accounting Manager
Delivered 1 Letter to Test
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Trained Holly Johnson in Cross Connection Inspector duties
Assisted IU Health with Chlorinating Mains and Dechlorination

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders completed: 694
Meters changed: 8
Customers disconnected for non-payment: 106
5 Days of Snow plowing