

Lafayette Water Works Plant

Water Our Most Precious Resource

February-22

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.

Monthly CL2 Report.

Collected & tested 70 distribution samples for TCR Report.

Collected & tested 4 distribution Fluoride split samples for State NaF report.

Naf Reagents made.

TTHM & HAA5 Tested in Distribution System.

Cross Training Operators about lab procedures.

Snow plowed city streets per management.

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

Scheduled employees to plow and emergency leave for others (3 days)
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 Mulhaupts 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 1
Snow Plowing
Assisted Construction Repairing Valve boxes
Worked on punch list
Performed 0 Bacteria Test
Flushed 0 systems
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
58 site inspections
Performed 8 meter pit and meter inspections
Turn on 1
Hard Flush 0
Witnessed 0 Hydrostatic Test
Turn off 1
Completed Yearly Report
Assisted thawing out meters

Backflow Inspector

Performed 1 Site Surveys
Performed 28 Inspections
Continuing to update BSI-Online
Covered Operations shifts
Delivered 1 Letter to Test
Attended Quarterly ADA Meeting
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map

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