

Lafayette Water Works Plant

Water Our Most Precious Resource

February-25

Operations

Canal

Operators scraped up hardened chemical building around base of tanks
Labeled day tanks, mixing tanks, valves, and mixers

Glick Station

Assisted Reynolds/Huston as needed
Trained with BL Anderson on new Glick well VFDs
Ongoing effort to keep dirt under control during construction
Flushed wells piping through hydrant, two days.
Troubleshoot issues with Glick #4 noting turning on
Started cleaning dirty pump skids from construction work
Assisted on-site with secondary containment issues, transfer pump issues
Assisted Frakes Engineering with replacement of faulty relays in SCADA cabinet
Met with ProMinent pump techs on new chlorine/oracle installations
Discussed moving to dual wall tanks with Wessler Engineering
Assisted Huston with questions about new Vega radar sensor supplied by BL Anderson

Columbian Park

Trained all operators on manually running booster pumps
Having operators use booster pumps SOP on their own to test effectiveness
Labeled VFD/Pump breakers, VFD units, pumps, inlet PSI, and discharge PSI

Murdock Park

Trained all operators and maint. techs on manually running booster pumps
Having operators use booster pumps SOP on their own to test effectiveness
Labeled pump breaker cabinets, VFDs, priming system, flow controller, isolation valve and control valve

Elevated Towers

MISC

Cross-trained lab tech and maintenance techs on morning operator duties
Created new mixing formula charts to put on mixing tanks
Created new quick guide for chlorine usage totalizer at Canal
Annual Report for Operations & Lab completed
Meeting with staff on how to go about starting Glick wellfield after construction

Edited and put into use more streamlined booster pump SOP
Staff cleaned and prepared for tour with Lebanon Water Works
Assisted customer with questions about chloramines, etc.
Snow plowed
Updated operator daily field sheets
Completed January MRO and submitted to State
Lab tech assisted customer with water issues at Concord Crossing
Gave tour to Lebanon/BF&S
Explained pump matrix and how to manually run system to two maints techs
Responded to questions from Evonik operator
Discussed future SCADA additions and projects with Frakes Engineering
Staff completed KnowB4 training

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

Average pumping: 5.7 mgd
Maximum Pumping: 7.6 mgd
Minimum Pumping: 5.1 mgd

Lab

Monthly MRO Report.
Monthly Total Coliform Report.
Extra Cleaning in Lab
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 5 distribution Fluoride split samples for State NaF report.
Reagents made.
Quarterly TTHM's and HAA5's samples.
Worked on 2024 CCR .
Trained in operations mixing chemicals.

Maintenance

Canal

Install Exit Signs Operations Building
Replace Security Light on Well House #7
Set Well Motor #6
Repair Stand Pipe Well #1

- Adjust Packing #10
- Replace Bolt Wheel Valve
- Repair Water Softener Leak
- Organize Well House #6
- Weld Under Ground Clamp On Well #1 Stand Pipe
- Replace 1in Valve On Chlorine Pump
- Remove AC Unit From Well House#6
- Safety Meeting Slips Trips and Falls (monthly)
- Thaw Out Well #10 (Frozen)
- Wire Up #6
- Adjust Packing #6
- Replace 1in Chlorine Injection Line Valve in Vault

Glick Station

- Help With 1inch Tap on 30inch
- Remove Keys on Glick Well Field Motors
- Haul Dirt to Well#1 (Fill in Ruts)
- Put Well Motors Back together in Well Field
- Haul Well Motor #2 to Well Field
- Turn Hydrant and Flush Well Field
- Install Boot Brush

CPHSS

- Replace Boiler Motor and Coupler
- Repair Key Way On Floor Fan
- Clean Restroom

Water Towers

- Pick Up Chlorine and Oracle Skids Take to Glick Station

MISC

- All Maintenance Employees Trained One Week in Operations (Feb.)
- Get Three Quotes for New Well Motor
- Work on Brine Truck
- Built Tree Light For Plaza S. Tower
- Snow Plowing on 12th and 13th (Wes, Holly and Charlie)
- Clean and Salt Sidewalks all Locations
- Check Heat Tapes Both Well Fields
- Check Meter Build. at Dayton Location (Pat) (per Jay)
- Reset Gateway Brown ST. Location
- Wash Truck 422
- Fire Ext. (monthly)
- Run Locations (Daily)
- Deliver and Pick up Department Vehicles/Equip. To and from Fleet Maint.(as needed)
- Gensets Weekly

Clean Operations Build.(Weekly)
Caucus entry(monthly)
Aquifer Depth (daily)
Escort Reliable Exterminators (monthly)

Construction

Installed 5 New Water Services
Repaired 7 Broken water Mains
Replaced 1 Fire Hydrant
Repaired 6 Fire Hydrants
Repaired 0 Meter pits
Made 4 New Service Taps
Repaired 3 service line
Plow snow / Salting / Brined
Cleaned and Sanitized breakroom/Organized work trucks, backhoes and dump trucks
Safety training for February- Bloodborne 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 6
Precon 3
Filled Main Line 2
Worked on punch list
Performed 2 Bacteria Test
Flushed Mains 4
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
29 site inspections
Performed 8 meter pit and meter inspections
Turn on 14
Hard Flush 1
Witnessed 5 Hydrostatic Test
Turn off 11
Completed Yearly Report
Chlorination Witnessed 2
De Chlorination Witnessed 3

Backflow Inspector

Gave a presentation to WW staff on the Glick Wellfield improvements
Performed 15 Inspections
Continuing to update BSI-Online
Worked on cleaning up the backflow portion of Laser fiche

Updated MyGIS and Arc-Map
Attended Lead Service Line Meeting
Trained Clint Moore in Cross Connection Inspector duties
Attended Master Plan Meeting

Customer Service

Customer Service Field Techs responded to the following requests/services:

Service Orders completed: 1,111

Meters changed: 7

Customers disconnected for non-payment: 380

Dials changed: 5

Meters Tested: 10

Snow Plowing / Salting / Brined