

Lafayette Water Works Plant
Water Our Most Precious Resource
April-22

Operations

Canal

Worked on faulty chlorine flow controller K-factor settings
Assisted Maintenance with turning wells on and off for contractor
Assisted with salt delivery

Glick Station

Worked with operators on dialing in Glick Station with Glick #1 running
Corresponded with IT on Glick wells sending out Solar Winds alarms
Got with Maintenance on feed systems backfeeding issues

CPHSS

Elevated Towers

Scheduled service visit for Hach nitrate analyzer at Haggerty tower

MISC

Sent CCR report to UBO director and Dayton system operator
Got with IT on confirming new IP addresses for new SCADA terminals
Organized and cleaned up business computer files/emails and filed away DNR reports
Assisted IT with SCADA client reboots while they worked on network addresses
Completed March MRO and submitted to State
Researched and compiled information on chemical usage for attorney's office
Got with equipment supplier on chemical feed skid sizing for new pumps
Meeting with lab technician on new high/low/avg fluoride form for Health Dept.
Corresponded with Dept. of Health fluoride representative after inspection at Canal plant
Reached out to commercial diving companies for reservoir cleaning quotes
Assisted Renew with total chlorine DPD packets for testing
Got with administrative assistant on strange E-locates tasks on Outlook calendar
Sent out final notice to tank suppliers with deadline to have quotes submitted
Followed up with pump supplier on having to replace bearing in Canal fluoride pump
Sent Chief proposal for water mixer for Columbian Park reservoir
Organized project emails and Verder pump related historical emails
Reached out to IT and Frakes on getting operator cell phone receiving WIN911 alarms
Followed up with IT on where we are at with original SCADA upgrade project
Worked with IT on figuring out what devices are connected to system operator email
Reached out to Frakes on getting Maintenance Foreman set up with WIN911 Mobile
Reached out to IT on issues with not receiving any WIN911 alarms from SCADA
Got with IT on passwords, apple ID issues, etc., for on-call email address
Got with Maintenance Foreman on well pump rated capacity info to update IURC report
Working with operators on checking chemical inventory and ordering more
Got with Superintendent on sheet W8 of IURC report
Got with IT/Frakes to look up errors in WIN911 logs
Got with purchasing manager on ordering oracle, fluoride, and ammonia
Ongoing work with Frakes on getting WIN911 Mobile apps working on cell phones
Got with IT on releasing emails getting caught by Mimecast
Followed up with IT on conference call with Frakes, discussing when to discontinue old SCADA
Completed March caucus report
Worked with Maintenance Foreman on testing alarms with WIN911 Mobile app
Got with purchasing manager on putting together spreadsheet on years worth of chemical ordering
Submitted completed 2021 IURC report to Controller's office
Working on employee evaluations
Got with purchasing manager on phosphate and ammonia order

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

Average pumping: 8.8 mgd
Maximum Pumping: 7.4 mgd
Minimum Pumping: 5.2 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.
Reagents made.
Continuing education classes for DSL and WTT2 operator certification.
Checked WHP sites at Glick well field.
Trained new system operator in lab.

Maintenance

Canal

Installed new scale for the Oracle day tank and relocated the old one to Glick
Fixed leak in Administration building in the men's room
Swapped out Fluoride pump
Worked on key pad south gate
Moved chemicals from Glick to Canal
Fixed office door
Fixed Chlorine leak canal main line
Cleaned Operations Building on Thursday (weekly)
Fixed hole in Admin. Building metal roof over truck bay
Replace exterior lighting to LED on inventory building
Cleaned motion sensors in truck bay admin building

Glick Station

Cleaned scale and prep area to replace under chlorine day tank
Changed toilet gasket in restroom
Worked on back feed issue at Glick
Cleaned vault Well #2 with Vac truck all day job
Removed all bolts and prepped well #2 to replace the Bladder in clay valve
cleaned and removed guts to clay valve well #2
Drain Vault after flood Glick #2 and replace Diaphragm (multi day event)
Prep Glick #1 to be put back on line
Clean Flow meter in vault
changed hose in Ammonia pump
Cleaned Glick Building
Labeled pumps at Glick with Maintenance info.
Worked with Ortman to prep well#4 for concrete footer (utilized Vac Truck)
CPHSS

Fixed heater in pump room new set screws in fan blade
clean up after roof leaks (light fixtures, floors, walls etc.)
Assisted in concrete work being done
Changed bulbs at park entry to LED
Mopped Floors at Pump house

Water Towers

Mow all Towers
Tower inspections of structure and Grounds (Daily)

MISC

Holly assisted in flushing for a 2 week period back on the 18th
Open and closed 30 inch main at Glick Field
gathered all flushing equipment for nights
Worked on Emergency lighting at all locations (preventative 2 days yearly)
installed hose in the backup chemical feed pump
Put in Camus Report for previous month
Ran Gensets at all locations (weekly)
Boiler checks all locations (weekly)
Fire extinguishers all locations (monthly)
Tower Inspections (preventative 2 days yearly)
employee vacation 1 week
Mowing all locations several times throughout month

Construction

Installed 6 New water services
Repaired 1 Broken water main
Repaired 2 Fire Hydrants
Doing hydrant maintenance after flushing
Repaired 4 services
Repaired leak at Jenks new restrooms at the park
Made 2 taps
Did a number of street and yard repairs after broken mains this last winter
Safety Training for April Lock out tag out

Total Locates performed-1430, 49 were emergency calls.

Water Facility Inspector

Attended 1 Precon meetings
Assisted Customer Service
DSL Training
Assisted Construction
Worked on punch list
Fire Hydrant Inspection: 34
Dechlorination 4
Worked on fire system forms
Reviewed prints
Worked on cleaning up my job board
57 site inspections
Performed 5 meter pit / meter inspections
Turn on: 17
Hard Flush 1
Check for Leaks 2
Turn off: 16
Bacteria test: 0
Hydrostatic test: 2
Filled Main line: 2
Chlorination 3
Flush Mains 1
Valve Locate and inspect 1

Backflow Inspector

Performed 3 Site Surveys
Attended the City ADA Committee meeting
Performed 24 Inspections
Continuing to update BSI-Online
Sent out lists for City Irrigation start-up
Covered Operations shifts
Delivered 1 Letter to Test
Cross-Trained In Operations for the morning mixing and data entry
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Attended meeting with the Health Dept. on Cross-Connection and application of Backflow Assemblies
Attended CEU Training for IDEM Certifications

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service orders completed 1097
Meters changed 259
Dials replaced 6
Customers disconnected for non-payment 233