

Lafayette Water Works Plant

Water Our Most Precious Resource

September-23

Operations

Canal

Worked on pump relay project with Frakes Engineering on-site, two days
Got with Kirby on output card availability for pump relay project
Worked with Frakes Engineering on plans for extended work on pump relay project
Reached out to De Nora for costs of full Clor-Tec system replacement, servicing, etc.
Troubleshoot Clor-Tec system not keeping up, made adjustments
Ongoing trouble with Clor-Tec system, all day working on it with Maintenance and preparing backup plan
Reached out to De Nora for quote on refurbishing Clor-Tec system
Assisted Maints with fluoride pump not turning and ammonia pump not pumping

Glick Station

Met with BL Anderson and Electric Plus on Glick Improvements project

Columbian Park

Liquid Engineering cleaned reservoir, operator assisted with access

Murdock Park

Spoke with Bowen on materials they need to make repairs to attic, etc.

Elevated Towers

Got with IT to see what is going on with Union tower security panel issues, Mulhaupt needs to add antennas for better comm

MISC

Meeting with chemical supplier chemical usage data and formulas
Assisted customer with calcium on car from sprinkler, ran total hardness test and advised
Emailed Dioxane detection limit info from IDEM to certified lab for sample event preparation
Sent August chemical usage data and GRW chemical dosing spreadsheets to chemical supplier
Sent secondary containment drawings and general thoughts about tank sizes to Wessler Engineering
Got back with UBO director on lower than expected August flow rates/water sold
Meeting with distributor on chemical feed pumps
Sent Jacques and Steve UCMR5 results
Got with IT on getting extended displays on business PC
Confirmed with Rockwell we received TechConnect renewal quote and forwarded to purchasing manager
Setup new PC monitors
Checked in with Kirby on output card status and scheduled pump relay project completion with Frakes
Meeting with Steve/Chuck on Clor-Tec machine problems, got approval to move forward with having it serviced
Spoke with Wessler Engineering on Glick improvements project and Murdock Park project SCADA loose ends
Foreman collected 20 bacteria samples while lab tech was off work
Sent flow rates to chemical supplier for pump sizing recommendations
Teams meeting with Wessler Engineering and suppliers on Glick Improvements project, pump sizing
Met with chemical supplier to size feed pumps and work on updated usage formulas
Requested quote from HP Thompson on replacement chlorine analyzer parts
Working on gallons pumped vs. billed for year so far with UBO director

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

Average pumping: 14.3 mgd

Maximum Pumping: 16.7 mgd

Minimum Pumping: 12.1 mgd

Lab

Monthly MRO report and Coliform report.
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Made NaF Reagents.
Data Entry.
Cleaned Lab.

Maintenance

Canal

Clean Operations Building (Weekly)
Boiler checks (Weekly)
Motor Vehicles to and from Fleet (as Requested)
Run and inspect Gensets (weekly)
Run aquifer depth (weekly or as requested)
Worked on Hypo-gen wont go past stage #3
Worked on North gate
Cleaned up and removed old hose in Bredel pump
Ongoing leak repairs on Hypo-gen chemical feed room
Assisted painters with turning wells on and off
Pump House #7 fixed valve for filling bulk water trucks
Replaced hose in fluoride pump and oracle pump
Repainted and recarpeted purchasing manager's office

Returned discharge hoses to Ortman used for reservoir cleaning
Drove off flushing routes for Fall flushing
Maintenance Tech flushed hydrants for two weeks at night
Remodeled inventory bldg bathroom, new lights, paint, etc.

Glick Station

Cleaned flow meter (weekly/as requested)
Tighten packing at well field on all wells
Checked static water level on well #4 3x per week
Annual testing of emergency lighting
Working with well drillers on Glick #3 and Glick #5 well rehab
Met with contractors on Glick Well Improvements project

CPHSS

Run and inspect Gensets (weekly)
Cleaned inside Genset Cabinet and put Absorbent down in Genset
Annual inspection of emergency lighting
Replaced batteries in gen-set
Shut windows in pump room for winter
Turned boiler on for winter

Water Towers

Check all locations (daily)
Inspecting of RAB lighting at Haggerty and Plaza South (Water inside light fixtures)
Meet Mulhaupt for Union Street Tower Alarm not working
Mowed around tower

MISC

Entry of Caucus report (monthly)
Mow all locations (as Needed every week)
Fire Extinguishers at all locations (monthly)
Turn on valve to fill lagoon and shut off
Checked all Emergency Lighting in all locations and all buildings (2 days to complete)
Checked oil in Maint. Vehicles (2 times per month)
assisted in the shut Down of irrigation to Fire Houses and misc. locations

Construction

Installed 20 New water Servicers
Repaired 3 Broken water mains
Repaired 2 Fire Hydrant
Replaced 1 Fire Hydrant
Replaced 3 Broken shut offs
Repaired/Moved meter outside 4
Repaired 1 Service line hit by contractor
Made 1 8" service tap
Cleaned and Sanitized breakroom/ organized work trucks, backhoes, dump trucks
Safety Training for October: Going over Safety Steering Committee and Water Works History

Total Locates performed-1282, 40 were emergency calls.

Water Facility Inspector

Bacteria Test performed: 4
Assisted Customer Service
Laserfiching files
Chlorination witnessed: 1
Worked on punch list
DE chlorination witnessed: 1
Flushed 7 systems
Worked on fire system forms
Reviewed prints
Worked on cleaning up job board
60 site inspections
Performed 11 meter pit / meter inspections
Turn on 9
Hard Flush 2
Fire Hydrant Inspections 33
Filled main line: 1
Hydrostatic Test witnessed: 4
Assisted Construction
Turn off: 6
Pre Con Meetings 1

Backflow Inspector

Performed 27 Inspections
Continuing to update BSI-Online
Attended Permits meeting
Performed 2 Well Separation Inspections
Delivered 1 Letter to Test a backflow assembly
Turned off Irrigation Systems and Meters at Fire Stations
Turned off Irrigation Systems for contractors as needed

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders Completed: 1393
Meters Changed: 73
Dials replaced: 8
Customers disconnected for non-payment: 488