

Lafayette Water Works Plant
Water Our Most Precious Resource
45139

Operations

Canal

Made chlorine/ammonia adjustments and ongoing follow-up free ammonia testing
Coordinated with paint crew for painting well #10
Emailed De Nora Clor-Tec nameplate photo for looking up project#
Tested incoming and discharge water temps and specific gravity on Clor-Tec unit
Went to Kirby Risk with Maints foreman to track down replacement lights for HOA switches
Reached out to De Nora about leaking Clor-Tec cells
Talked to De Nora about Clor-Tec issues so they can write up quotes

Glick Station

Assisted Maints with SCADA while they valved down well #5
90% progress meeting for Glick improvements project with Wessler
Reached out to Wessler/Bowen about door not locking
Operators assisted Maints with turning #3 back on and running into system again
Worked on feed system layout design ideas and pulled building measurements

Columbian Park

Reached out to Liquid Engineering for reservoir cleaning schedule and discharge hose specs

Murdock Park

Meeting with Frakes Engineering to replace faulty SCADA I/O module, changed programming
Final warranty inspection with Wessler/Bowen
Met Bowen for opening and measuring tank hatches
Met Bowen and Team contractor to troubleshoot pump #5 leaking

Water Towers

Troubleshoot Union St. tower scada panel with operator and scheduled Mulhaupt's to service alarm system

MISC

Meeting with Water Solutions to discuss secondary containment at Glick
Wellhead Protection meeting with Wessler Engineering
Explained to operators what each component in SCADA panel does
Explained to operators what each component in Murdock Park SCADA panel does
Picked up log from Canal Rd. and took to brush pile in Glick well field
Reached out to Pelton Environmental for pump parts quote
Answered questions from Frakes about pump relay project
Updated field copy of SCADA schematics to include new Murdock Park prints
Worked with IDEM on voluntary PFAS sampling planning at wells and points of entry
Answered Data Elements questions on CDX UCMR5 sample schedule for EPA
Troubleshooting WIN911 mobile app issues and relayed info to IT
Organized and filed project emails
Troubleshoot chlorine issues southeast side of system and tested several sites in the area/checked valves
Explained safety with PSI on feed pumps when performing maintenance to operator cross-training
Explained how SCADA works and risks associated with pumps being left in manual to trainee
Put together door key set for trainee and Ron setting up alarm code
Flushed Dayton 24" main for 20mins and tested chlorine before and after at hydrant and meter bldg.
Working on chlorine and ammonia dosing formulas and updating chemical usage logs
Put together Hach lab supply order for Chief
Completed UCMR5 billing insert and sent to supervisors for approval

Updated CCR to include wellhead protection info per Wessler meeting notes
Reached out to IDEM for more info on old landfill testing requirements
Checked locate markings on Owen St. for gas leak repair
Updated supervisors on IDEM landfill testing requirements
Reached out to certified lab to quote IDEM landfill testing
Met operators at Dayton meter bldg. to look at meter bypass
Meeting with Water Solutions on secondary containment and chemical usage log formulas
Reached out to IDEM about 1-4, Dioxane test method for certified lab

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

Average pumping: 11.3 mgd
Maximum Pumping: 13.5 mgd
Minimum Pumping: 9.5 mgd

Lab

Monthly MRO report.
Monthly Total Coliform Report.
Collected & tested 70 distribution samples for TCR Report.
Collected & tested 5 distribution Fluoride split samples for State NaF report.
Made NaF Reagents.
Data Entry

Maintenance

Canal

Clean Operations Building (weekly)
Get aquafer depth 3 times a week
Replaced sub pump in operations building
Replace fittings on the Oreacle pump
Escorted Kooresens Fire around to all locations for yearly inspections (New Vendor)
Changed the oil in the chemical feed pumps at this location
Worked on the key scan Operations Building
Cut a new sub pump pit in Operations Building
Installed new drainage plumbing for Sub pump pits on Operations Building Multi day event
Fixed roof hatch latch broken
Clean the drains in the Operations Building due to flooding/overload

Glick Station

Clean Flow Meter
Get aquafer depth 3 times a week
Open North gate several times during this month
Pat Schultz and Holly Worked on Well #5 to valve down
Changed the oil in the chemical feed pumps
Repaired leak in the chlorine line at Glick
Worked with Peerless on Well #3
Replaced seal in Fluoride pump and changed hose
Finished Well #3 to get it put back on line
Worked on the packing Glick #3
Worked on Flow Meter Specialty wrenches

CPHSS

Run Gensets (weekly)
Met with Newton Oil to fill gas in Genset at park
Replaced screws on front door lock
Replaced Primmer handle on the Genset at this location
put the charger on the battery inside the genset
Installed new batteries in Genset due to old batteries blowing up
Clean up all battery acid with the genset cabinet

Water Towers

Worked on the lighting for the towers

Murdock Pump Station

Added oil to the Genset

MISC

Fire Extinguishers (monthly)
Run Fleet Equipment and Vehicles to and from Fleet as requested
Enter Caucus (monthly)
Check all outer locations daily
Check oil in Maint. Vehicles
Pick up and return the Sniffer to Renew as needed
Mow grass as requested by Chuck doing all locations for Water Works
Ran truck number #404 to body shop for repairs
Completed some training with Charlie, this is ongoing
Bobcat to Fleet
Pat Shultz assisted the Parks Department for 2 Days
Charlie B. reported for CDL physical

Construction

Installed 19 New Water Services
Repaired 2 Broken water mains
Repaired 3 Fire Hydrants and did some Hydrant maintenance
Replaced 3 Fire Hydrants
Repacked 2 Valves
Repair 2 meter pits
Updated 4 water services to the main and retired old lead service lines
Repaired 2 service line hit by contractor
Made 3 Service Taps
Replaced 3 meter shut offs
Dirt work and sidewalk repairs were performed after broken mains
Cleaned and Sanitized breakroom/ Organized work trucks, backhoes and dump trucks
Safety Training for August: Sexual Harassment

Total Locates performed-1283, 39 were emergency calls.

Water Facility Inspector

Attended 2 Precon meetings
Assisted Customer Service 0
Laserfishing files
Bacteria Test 31
Worked on punch list
Fire hydrant inspection 13
Flushed 11 systems
Worked on fire system forms
Reviewed Prints
Chlorination Witnessed 1
45 site inspections
Performed 11 meter pit / meter inspections
Turn on 80
Hard Flush
DE chlorination Witnessed 2
Filled Main Line 2
Hydrostatic Test Witnessed 2
Turn offs 77
Locate valve/ inspect

Backflow Inspector

Performed 26 Inspections
Continuing to update BSI-Online
Attended Permits meeting
Reviewed Prints
Delivered 3 Letter to Test a backflow assembly
Trained in Operations for the chemical feed mixing
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:1149
Meters changed:169
Dials changed:13
Customers disconnected for non-payment:0