

Lafayette Water Works Plant
Water Our Most Precious Resource
May-23

Operations

Canal

Sprayed out chlorine injection room and removed old product buckets
Cleaned up operator desk tack board and cleaned/organized office
Worked with operator to develop gallon measurement sticker for new phosphate mix tank

Glick Station

Troubleshoot GFI kicking out in SCADA panel and shutting down wellfield
All day meeting with Wessler on Glick Improvements 60% Design Phase

Columbian Park Booster Station

Murdock Park Booster Station

Sent detailed email to Bowen with pictures on control valve and isolation valve issues
Talked to Bowen about control valve issues and scheduled on-site meeting
Troubleshoot control valve issues with Bowen and discovered faulty solenoid valve
Checked overflow discharge pipe for screen for IDEM inspector
Scheduled meeting with BL Anderson and Cla-Val to troubleshoot control valve/isolation valve issues
Met Mulhaupt's to have front door repaired
Met BL Anderson and Cla-Val to troubleshoot control valve and isolation valve issues
Met Bowen, vent pipe painting completed
Got replacement solenoid valve quote, BL Anderson taking care of under warranty

Elevated Towers

Troubleshoot high water demand and difficulty filling towers, manually ran booster pumps multiple days

MISC

Got with Superintendent and UBO Director on CCR billing insert costs and approval
Made SCADA screenshots for Wessler hydraulic model update
Took IDEM inspector to all wells and treatment plants for Sanitary Survey
Took IDEM inspector to all water towers and booster stations for Sanitary Survey
Prepared documentation of regulatory compliance and operations records for Sanitary Survey Checklist
Meeting with supervisors on Frakes proposals, got analyzer/pump relay work approved
Called dialysis clinic operator for source water form
Talked to Wessler about flow testing park booster pumps for hydraulic model update
Reached out to HP Thompson for ProMinent analyzer parts quote
Working on booster pump SOP and tested turning off pumps manually while in remote status
Prepared April MRO and submitted to State
Got with purchasing manager on SCADA project budget for 2023
Completed safety meeting catchup video
Called Starr Associates to provide firm capacity data for NOI Water Main Extension project
Sent signed proposal for relays and analyzer scaling back to Frakes
Produced letter stating the Fresenius dialysis clinic is on city water and submitted to them
Got with Kirby Risk on SCADA parts pricing and lead times
Approved UCMR5 February results on EPA site, printed EPA email on it for filing
Got with Chief on SCADA parts quote, working on list of what to order and how much
Reached out to IT on unauthorized user access attempts on Canal SCADA
Called Overture Flats property manager about tenant with concerns over heavy metals
Took detailed pictures of Murdock Park and Glick Well #1 SCADA cabinets
Brought unused SCADA parts from Murdock Park to Canal to include in parts inventory
Got with IT about ethernet switch replacement models since Cisco IE3000 is now legacy
Worked on SCADA parts inventory spreadsheet for Glick well panels
Took detailed pictures of Haggerty and Fairgrounds water tower SCADA panels
April Caucus Report completed
Submitted updated Emergency Action Plan to IDEM for approval

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

*A*verage pumping: 12.1 mgd
*M*aximum Pumping: 15.2 mgd
*M*inimum Pumping: 9.7 mgd

Lab

Monthly MRO report.
Monthly Total Coliform Report.
TTHM & HAA5 Tested in Distribution System.
Collected & tested 70 distribution samples for TCR Report.
Collected & tested 5 distribution Fluoride split samples for State NaF report.
Sent CCR certification to IDEM.
Made NaF Reagents.
Data Entry

Maintenance

Canal

Boiler Checks
Run Gensets (Weekly)
Clean Operations Building (Weekly)
Aquifer Depth (weekly)
Worked in new Chemical Feed room on mixer
De-winterized last of the wells at Canal
Repaired Chlorine leak in feed line at Canal
Repair leak on the Hypo generator (2 separate leaks)
Brodel Pump #2 removed all bad seals/Gaskets and ordered them
Replace hose in Brodel pump Canal
Overboard Well #2, #3, #4, #5, #8, and #10 this month
Worked on the phosphate pump
Replace boot scraper Admin. Building
Led lighting in Admin. Building
Holly O/T changed phosphate hose Canal
Pat Schultz changed the power supply in master cabinet in Admin Building electrical room
Replace and new wiring of LED Bulbs inventory building
Cleaned Electrical room
Changed blade on the pole saw

Glick Station

Clean Flowmeter (As Requested)
Clean Chlorine room and transferred items to Haggerty Tower
Test well #3 Glick- See if screens are plugged
Meet with CenterPoint at Glick #4 Transformer Fuse Blown
Replaced GFI in SCADA Cabinet Glick (Alarm Alerts)

CPHSS

Boiler Checks
Run Gensets (Weekly)
Check Gensets at Park Alarms went off
Train on the new RC Mower at reservoir (All Day training)
Change blades on the new RC Mower from bush blades to regular blades
First mow of the reservoir with RC Mower and weed trimming (2 Days)

Water Towers

Check all locations (Daily)

MISC

Fire Extinguishers (Monthly all Buildings)
Transfer of all Fleet vehicles and equipment (as Requested)
Enter the Caucus (monthly)
Clean coils on all air conditioning units at all locations Pollen
Turn on the lagoon at the park per Claudine's request (the 23rd and 30th)
Mowing of all locations (As Needed/Weekly)
Escort the Crane Inspector to all locations (water Works, Street, and Fleet)
Gather Quotes for Brodel pump
Check oil in Trucks (Weekly)
Run to City Hall upon request
Transferred all chairs and tables to Renew for event

Murdock Pumping Station

Meet with Mulhaupt to repair door (was not latching)

Construction

Installed 14 New water services
Repaired 3 Broken water mains
Updated 2 Water services to the main to remove lead service lines
Repaired 2 Fire Hydrants / working on Hydrant maintenance
Repaired 1 service lines
Made 0 new service taps
Still working on repairing streets and yard after broken mains this last winter
Cleaning and Sanitizing breakroom/ Organize work trucks, backhoes and dump trucks
Safety Training for May : Hearing Conservation

Total Locates performed-1354, 39 were emergency calls.

Water Facility Inspector

Assisted Customer Service- 0
Attended Precon meetings-1
Cleaned up Job Board
Bacteria Test 0
Chlorination witnessed-1
Dechlorination-0
Filled Main / Line 7
Fire Hydrant Inspection 62
Flushed Mains 0
Hard Flush-0
Hydro-static test witnessed-2
Performed meter pit / meter inspections-1
Assisted Construction
Reviewed Prints
Site inspections-114
Turn on -6
Turn off-7

Backflow Inspector

Performed 10 Inspections
Continuing to update BSI-Online
Trained New Inventory Cost Accounting Manager
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Trained Kyle Howard in Cross Connection Inspector duties
Performing Interim Inventory Cost Account Manager Duties

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service orders completed: 1355
Meters changed: 0
Dials replaced: 6
Customers disconnected for non-payment: 338