

Lafayette Water Works Plant

Water Our Most Precious Resource

June-25

Operations

Canal

Wrapped last pallet of pavers and moved to gravel lot for transport
Worked with Taylor on moving rotten railroad ties, old chlorine scales, crane beam, and light poles stuck in brick pile
Worked with John/Jen/equipment supplier on getting replacement load wheels for pallet jack

Glick Station

Worked on scheduling for G3 level sensor installation with Frakes Engineering
Met with Steve and Wessler at Glick, discussed upcoming Glick shutdown timeline
Called Primient North and South about upcoming Glick shutdown
Switched to high matrix on SCADA to prepare for shutdown and tested over weekend prior to shutdown
Began Glick shutdown for electrical work with Duke Energy/Huston Electric
Switched back to flex matrix after shutdown work completed and station brought back online
Operator troubleshot chlorine system airlock issues
Got with Frakes on G1 level control issues and G2 VFD speed issue

CPHSS

Troubleshoot VFD failures due to storm outages
Worked on monthly inspections and cleaning lists for building

Murdock Park

Troubleshoot VFD failures due to storm outages
Troubleshoot various problems with pump 1/tank level issues/isolation valve failures
Spent hours testing and recording data on each booster pump, narrowed problem down to pump 1 in particular
Got with Frakes Engineering and discussed issues with pump 1 and various other potential work to have done

Elevated Towers

Reviewed SCADA trends after noticing sudden 6% loss in Union tower level

MISC

Foreman and Chief spent three days in CEU classes
Worked on getting 5 highest pumping days to Engineering Dept, ran into SCADA issues
Got with IT on rebooting SCADA servers
Got with IT on issues with pumping report database not returning flow data in a specific range
Completed May MRO and submitted to State
Got with Frakes on pumping report database issues
Ongoing training with new lab tech on how to prepare MROs
Trained new lab tech on scanning documents
Got with Element on sending more bacteria sampling bottles
Met with Frakes on-site to fix pumping report database issues
Unplugged VFD network cables from G1, G2, G3, and G4 to prevent bandwidth usage
Meeting with Chief on tank cleanings and quote process with different companies
Discussed sending out CCR mail flyer to customers with UBO director
Meeting with WSU on getting on auto-deliveries for chemical orders
Assisted town of Otterbein operator with CCR and lead service line inventory questions
Worked with Frakes on time matrix sync issues between PLC and SCADA servers, need synchronized at some point
Explained SCADA panel components to operators again, ongoing for memory retention
Interviewed applicants for lab tech position
Interviewed applicants for evening system operator position
Touched base with Dan Chesterson with IDEM again on Glick wellfield TCE investigation
Worked with IT on tracking down SCADA client IP addresses/machine names and enabling features
Cross trained operator again on alarm shelving on SCADA
Took Dayton meter building key to town representative to make copies
Meeting with Jay and Chuck on what operators are doing
Assisted Christy with copier and wscans shortcut on main screen
Assisted IDEM with pump and motor information for booster pumps and wells
Operator met with Health Dept fluoride system inspector for quarterly review

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

Average pumping: 8.3 mgd

Maximum Pumping: 10.2 mgd

Minimum Pumping: 6.9 mgd

Lab

Operators collected 80 bacteria samples
Worked with operators to get them prepared for lead and copper sampling and getting people to participate
Operators dropped off and collected 11 lead and copper samples from customer homes
Sent CCR to Christy to be put on City website reports page
Coordinated operators on tracking down new potential lead and copper sites
Organized and labeled lab drawers, got rid of old stuff
Emailed staff about new protocols for paperwork, computer work, lab organization, etc.
Had operators read directions and familiarize with PFAS testing protocols prior to actual sample collection
Scanned PFAS chain of custody and sent to Element to confirm correction completion
John collected PFAS samples and Canal and Glick POE, prepared for pickup
Bobby spoke with customer concerned about lead and participating in lead and copper program
Worked with new lab tech on Optimal Water Quality Control Parameters for Jan-Jun
Lab tech prepared sample kits for following week lead and copper participants
Put together bacteria sampling plan for following week for operators to follow
Submitted Jan-Jun Optimal Water Quality Control Parameters to IDEM
Submitted 2024 CCR and CCR certification form to IDEM

Maintenance

Canal

Cut Railroad Ties And Load Into Trash Truck
Clean Operation Buli.(Weekly)
Replace 1/4 Nipple Well #1
Clean Roof Top AC Units
Replace (3) 1in Bleach Rated Valves On Chlorine Pump
Fill Batteries On Man Lift With DI Water
Attend Monthly Safety Meeting (Poison Ivy)
Clean Hypo Machine (Weekly)
Replace UPS In Locators Office
Change LED Bulb In Admin. Buli.
Clean And Check All Fluids In 422 (Weekly)
Adjust Packing #6
Replace Batteries South Genset

Glick Station

Look At AC Battery Charger On New Genset
Crane Motor #2 Back Up On Tower And Hook Up
Get Sample From #2 And Take To Logansport
Run #2 On The Ground
Shut Well Field Down For Houston
Install Screens In All Well Tower Transformers
Remove Keyway #3
Overboard #2
Set Up For Over Boarding #5
Adjust Packing On #1

CPHSS

Reset #2 VFD
Clean And Restock Cleaning Supplies
Clean AC Units

MISC

Aquifer Depth (Weekly/As Request)
Mowing All Locations Weekly
Spray Weeds (Weekly As Requested)
Fleet/Equip.(As Requested)
Pick up Over Boarding Trailer From Canal#10 Move To #1
Install Baskets For Emergency Plan Folders All Locations
Assist Opps When Requested
Get Tag Numbers From All Wells Locations
Check Locations (Daily)
Train Summer Help How To Run Mowers/Weed Eaters etc..
Paint Hydrants (18th St.)
Fire Ext. (Monthly)
Repair Inscopes
Caucus Entry.(Monthly)
Gensets (Weekly)

Work On Mower (Replace Fuel Valve)
Pick Up And Take Back Sniffer From Renew (As Needed)
Escort Reliable Exterminators To All Locations (Monthly)
Replace Fuel Valve In Hustler
Pick Up 1in Meter Parts At EJP
Paint Hydrants (18th St.)
Put Caps On Hydrant 4th And Columbia St.

Water Towers

Let Gateway Employee In Wea Tower To Climb

Murdock

Reset VFD #5

Construction

Installed 12 New water services
Repaired 6 broken water mains
Repaired 2 Fire Hydrants
Replaced 2 Fire Hydrants
Repaired 6 Meter pits
Retired 5 lead services to the main
Updated 4 Water services to the main to remove lead service line
Repaired 3 Service lines
Made 2 New Service Taps
Repairing streets and parkways from previous dig ups
Cleaned and Sanitized breakroom/organized work trucks, backhoes and dump trucks
Safety training for the month - Industrial Ergonomics

Total Locates performed-1366, 61 were emergency calls.

Water Facility Inspector

Attended 3 Precon meetings
Laserfiche files
Valve Box Repair 2
Bacteria samples 10
Flushed 13 systems
Worked on fire system forms
Reviewed Prints
Fire Hydrant Painted 1
43 site inspections
Performed 21 meter pit and meter inspections
Turn on 28
Hard Flush 0
Dichlorination witnessed 2
Filled mains 2
Hydrostatic Test witnessed 3
Turn offs 25
Chlorination witnessed 2
Fire Hydrant Inspection 13

Backflow Inspector

Performed 15 Inspections
Continuing to update BSI-Online
Attended VS Engineering meeting (S 9th reconstruction)
Attended Streetscapes meeting
Trained Operations morning shift
Reviewed Prints
Attended Permits Meeting
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:1358
Meters changed:45
Dials replaced:1
Customers disconnected for non-payment:313
Swept and sanitized upstairs and lobby area