

Lafayette Water Works Plant

Water Our Most Precious Resource
November-23

Operations

Canal

CITY CLERK

2023 DEC 29 P 12:30

CHRY MURRAY

Glick Station

Worked on pallet storage space drawing for Glick Improvements project
Worked on Glick Improvements project drawing edits to show changes needed at station
Replied to Wessler on Glick floorplan issues - Glick Improvements project
Pulled further measurements for Glick Improvements project and updated drawing
Put Glick #5 back into service and operator tested POE iron

Columbian Park

Murdock Park

Water Towers

Met Brand Electric at Haggerty tower to see how electric was installed there
Scheduled tower PLC installations with Frakes Engineering

MISC

Worked on SOP's for mixing chemicals
Worked on data collection and spreadsheet for attorney's office, 2013-2022 well flow data
Reached out to DeNora again for pricing for Clor-Tec system maintenance
Got with IDEM to see if they received landfill sample results
Troubleshoot discolored water issues with staff
Reached out to DeNora for mixing panel info for Clor-Tec system
Went through landfill test results and organized by sample site in dedicated file tree
Prepared and sent landfill result data to appropriate parties
Worked with IDEM on difficulties sending large volumes of data to them
Got with IT to activate software on pc
Working on water treatment math formulas to help operators with exams
Got quote on SCADA schematic updates
Meeting with Chief on parts orders, etc.
Got pricing from Pelton Environmental on pump parts
Got new operator phone set up and working with SCADA
Meeting with Wessler and staff on Glick Improvements changes to footprint
Gave Jacques green light to order the rest of the landfill testing pfas kits

Went through OneDrive basics with operators

Reached out to DeNora for discount on large parts and service purchase

Researched total iron and dissolved iron test differences for POE testing - Wessler

Looked up missing bacteria results on IDEM website, got with certified lab to solve issue

120 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.
Last Quarter THM'S and HAA5'S taken.
SOC'S Retake's done again.
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Made NaF Reagents.
Lab and operations supplies ordered.

Maintenance

Canal

Run Gensets (Weekly)
Clean the Operations building (Weekly)
Work on sub-pump in Operations Building
Worked on Boiler System in Operations building
Removed Motor for Boiler system and had all seals replaced
Re-installed motor for Boiler system in Operations building
Changed oil and filters in Genset #1 and #2
Changed out the shut off under sink in meter room
Cleaning of leaves in and around fencing and gates
Hypo Leak and repair
New sub pump in Operations building
Turn on heaters in well house #7 and #8
LED bulb conversion in Ron's office
Installed Runners in Christy's office
LED bulb conversion in Admin Building

Glick Station

Flush Well #3 before putting back on line after repairs
Assisted Ortman on repairs well #5
Repaired leak on Oreacle transfer pump
Replace cooling fans on Oreacle chemical pump
Switch ammonia pump to Phosphate pump
Rebuild phosphate pump housing came loose, bearings bad and replace seals
Change chlorine and fluoride hose in pumps
Cleaning the Flowmeter (As requested)
Unlocked Well #3 for Peerless to work on
Glick #3 and #5 winterized
Glick #3 and #5 oil changed
Worked on heaters seized up motor and burnt wiring 480
Remove mineral buildup from the Corp and main line in the Floride feed within vault
Replaced 1/2 inch valve on the chlorine feed line
Installed 2 new thermostats for heaters

Murdock Park

Weekly Genset Inspections
Daily building and grounds checks

CPHSS

Weekly Genset Inspections
Changed capacitor on boiler motor
Closed remaining windows at park building
Mowed reservoir at park last time
Changed oil and filters in Genset at Columbian Park

Water Towers

Daily checking of all locations
Take back overboard trailer to Haggarty Tower
Repaired light at water tower due to vandalism

MISC

Employees completed all open enrollment requirements
Vac truck training for employees by vendor
Turn lagoon at park on and off as request
Completed required training for KnowB4 training
Cleaned all security touch pads at all locations except towers

Unload tiles from Furnco delivery
(Monthly) fire extinguisher checks
(Weekly) Boiler checks
Taking Fleet vehicles to and from Fleet as needed
Entering of Caucus Monthly
checking of Oil in Maint Fleet vehicles
Well Depth (Mon-Wed-Fri)
Employees reported to DOT drug screen/physicals
Employees called in over holiday weekend
Running to Renew for Sniffer (as needed)
Employees reported to monthly safety meeting

Construction

Installed 61 New Water Services
Repaired 3 Broken mains
Repaired 2 Fire Hydrant
Repaired 3 Meter pits
Updated 2 Water services
Replaced 0 Fire Hydrant
Made 2 Taps
Made repairs to street/driveways/sidewalks after main breaks
Cleaned and Sanitized breakroom/ organized work trucks/backhoes and dump trucks
Safety training for November: Trenching and Excavation Joe D. Broken Mains

Total Locates performed-1088, 68 were emergency calls.

Water Facility Inspectors

Pre Con 3
Witnessed Chlorination 0
Laserfiching files
Witnessed DE Chlorination 1
Worked on punch list
Filled Main Line 3
Flushed 6 systems
Worked on fire system forms
Reviewed Prints
Bacteria Samples 2
48 site inspections
Performed 5 meter pit /meter inspection
Turn on 9
Hard Flush
Hydrostatic Witnessed 1
Fire Hydrant Inspections 5
Assisted Construction
Valve Box located and repaired 3
Turn offs 8

Backflow Inspector

Performed 32 Inspections
Continuing to update BSI-Online
Gave a presentation on Water Works at City Hall to JHS
Cross Training Clint Moore to cover Inspector positions
Gave presentation and update on Wea Tower to Water Works staff
Reviewed Prints
Delivered 2 Letter to Test a backflow assembly
Worked on cleaning up the backflow portion of Laser fiche
Performed 2 Site Surveys

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders complete: 1,263
Meters changed: 85
Dials replaced: 0
Customers disconnected for non-payment: 375
Meters Tested: 32

