

Lafayette Water Works Plant
Water Our Most Precious Resource
May-24

FILED
CITY CLERK

2024 JUN 21 P 3: 37

CINDY MURRAY

Operations

Canal

Took new operator down in injection vault to explain injection quills, etc.
Attempted to run chlorine backup pump but ran into plumbing issues
Troubleshoot wiring issues with backup chlorine pump
De Nora service visit to work on Clor-Tec system
Got with IT on email issues and assisted De Nora with getting future work quotes to us
Meeting with chief on installing a more complete chlorine backup system with tanks, scale, etc.
Switched to backup chlorine system, working through speed control issues
Had new operator do pump wiring and switch back to primary chlorine system
Lab tech ran experiments to figure out concentration of old unused bleach totes
Switched higher rpm phosphate pump out to be used as chlorine backup pump
Added potassium permanganate to greensand system
Ran test on backup chlorine system under controlled flow conditions
Meeting with Chuck/Steve on backup chlorine system, hydrant painting, etc.
Got with Frakes Engineering on speed control wiring issues for chlorine outputs
Ran another test on backup chlorine system under controlled flow conditions
Installed new fan on backup chlorine pump
Got fresh 12.5% bleach from Glick to run further tests on backup chlorine system
Came up with rough drawing of a complete backup chlorine system with tanks, scale, etc.

Glick Station

Reached out to Culligan to have softener system serviced
Meeting with Wessler/Reynolds on Glick Improvements progress
Zoom meeting with Wessler on IDEM issues with chemical storage - Glick Improvements Project

Columbian Park Booster Station

Murdock Park Booster Station

Followed up with Midco diving on Murdock Park tank questions
Followed up with Midco on support pillar locations and discharge hose requirements
Checked on building alarm issues

CPHSS

Elevated Towers

Emailed BF&S about air gaps at Wea tower for Ron
Met BF&S at Wea tower and took pictures of analyzer equipment to send to Frakes Engineering
Got with Frakes to see if they are supplying UPS for controls and IT equipment at Wea tower
Talked to IT about Mulhaupts issues with Union tower and Murdock Park
Talked to IT about getting with Wintek on fiber line draped across Union tower support cable
Met with Frakes on Wea SCADA integration, wiring, and logic
Assisting Caldwell with getting correct locks from Mulhaupts for Wea tower doors

MISC

Answered questions for Wessler on injection hose types, temp, psi, etc.
Followed up with diving companies on winning/losing reservoir cleaning bids
Got with IT on not receiving SCADA alarms
Got with safety coordinator on getting lockout/tagout locks for operators
Wrote SOP on switching to chlorine backup system at Canal
Gave safety coordinator drawing up chemical feed room at Canal
Assisted IT with WIN911 issues, got with Jen to make sure our contract was paid this year
Got with IT on sending out new WIN911 invitations
Got with IT to reset password on system operator pc account
Took truck #433 to Fleet for rear bulb replacement

IT and Frakes worked on WIN911 issues
Got with IT on Mitel phone issues
Meeting with chief on Brenntag ammonium sulfate issues that are happening again
Got with UBO director for update on CCR billing inserts
Talked to customer about water quality analysis reports and emailed him report
Troubleshoot operator desk SCADA PC issues and got with IT
Got quote from IT for replacement SCADA client machines
Talked to customer about softener system issues he is having
Got with Christy to have UCMR5 and Water Quality reports posted on website
Setting up meeting with Element laboratory
Took old flag to veterans post

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

Average pumping: 9.5 avg
Maximum Pumping: 10.4 mgd
Minimum Pumping: 8.5 mgd

Lab

Monthly MRO report.
Monthly Total Coliform Report.
Retake SOC'S., POE.
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 5 distribution Fluoride split samples for State NaF report.
Reagents made.
THM and HAA5 taken in Distribution system.

Maintenance

Canal

Clean Operation Building weekly
Repaired AC Operation build
Change oracle hose
Install Verda pump (Hypo Gen Room)
Turn heaters off in gate boxes off
Pat, Jim & Charlie worked with Denora on Hypo machine
Changed UPS batteries Admin office
Order parts for Gateway
Trench in for Gateway at Street Dept. campus
Wessler Led and Copper
Unclogged Fluoride at corp in vault
Change oil in all Verda pumps
Adjust packing well#6
Repaired light fixture Admin. Building
Turn off heaters in all well houses
Clean Ac units and change filters
Switch over chlorine pump
Check Ammonia Quill in vault
install new air relief valve well #7
Repair plumbing on ammonia pump
install O-rings on 2inch valve well house #7
install new light bulbs in well house #7

Glick Station

Clean Flow meter monthly
Changed Oracle pump
Dewinterize well#5
Recover Scag mower at well field due to mechanical issues
Install two thermostats
Adjust packing well #1
Change oil in all Verda pumps
Adjust packing well #1-#2
Clean AC units and change filters
Repair broken wires on touch pad
Move skids in correct locations
Replace Fluoride hose on pump
Repair overhead door (meter building)
Transfer chlorine into chlorine tote

CPHSS

Clean Ac unit and change filters

Water Towers

Turn off heaters

MISC

Fire Extinguishers-monthly
Attend monthly safety meeting
Boilers weekly
Gensets weekly
Caucus Entry monthly
Checking locations
Well depth weekly
Mowing all locations weekly
Check oil in Maint. vehicles weekly
Escort Reliable Exterminators to all locations monthly

Help Customer Service change out meter
Menards to pick up thermostats
Pick up filters for VFDs for Murdock

Murdock Pumping Station

Changed VFD filters
Clean AC unit and change filters

Construction

Installed 22 New water services
Repaired 1 Broken water main
Updated 2 Water services to the main to remove lead service lines
Replaced 1 Fire Hydrant
Repaired 9 Fire Hydrants / working on Hydrant maintenance
Replaced 1 service line
Made 1 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

Fire Hydrant Painted -1
Attended Pre Construction-1
Cleaned up Job Board
Bacteria Test24
Chlorination witnessed-0
Dechlorination-1
Filled Main / Line 1
Fire Hydrant Inspection 6
Flushed Mains 4
Hard Flush-0
Hydro-static test witnessed-3
Performed meter pit / meter inspections-9
Assisted Construction
Reviewed Prints
Site inspections-87
Turn on -12
Turn off-11
Valve box cleaned out and repaired-1

Backflow Inspector

Attended Virtual Meeting for Kortera Locate Ticket Software
Performed 17 Inspections
Gave a presentation to WW on Fire Hydrants
Attended American Water Works IN Section Meeting
Attended Park East Progress meeting
Continuing to update BSI-Online
Reviewed Prints
Performed 4 Site Survey
Attended Permits Meeting
Delivered 1 Letter to Install
Delivered 3 Letter to Test
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Trained Clint Moore in Cross Connection Inspector duties

Customer Service

Customer Service Field Techs responded to the following requests/services:

Service orders completed: 1321
Meters changed: 17
Dials replaced: 1
Customers disconnected for non-payment: 278

