

Lafayette Water Works Plant

Water Our Most Precious Resource

July-24

FILED
CITY CLERK

AUG 10 P 2:57

CINDY MURRAY

Operations

Canal

Met with Puritan to service greensand filter system
Scheduled Kinetico service visit for softener system
Met Reynolds to plan ProMinent pump installation procedures

Glick Station

Lab tech met with Culligan to check up on Glick Softener
Met with Chris Gordon and IDEM for new Glick wells site survey
Informed staff about IDEM Glick Well #5 TCE investigation
Teams meeting on Glick Improvements Project
Operators and Maintenance techs got ammonia system running and dialed in
Diluted ammonia solution by half to increase speed on pump to prevent stoppages
Tested ammonia pump, maintenance swapped out with different pump
Assisted Huston Electric with entry to do electrical work

Murdock Park

Met Frakes to replace faulty SCADA card and fixed problem with pump matrix
Got station running again after storms and power outages

Elevated Towers

Met Frakes at Wea tower to test altitude valve
Cleaned and calibrated chlorine analyzer at Haggerty
Tested mono/indophenol at Wea tower
Lab tech tested chlorine at hydrant outside Wea Ridge School
Scheduled meeting with Tipmont to look at fiber cable at Union tower
Answered questions for frakes on Wea analyzer startups
Met Reynolds at Haggerty too look at new ProMinent pumps and plan logistics
Checked and set faulty alarm at Union tower

MISC

Operators painted 4 hydrants
Picked up new IF8 input card from Kirby Risk for Murdock SCADA
Got IT in touch with Frakes about their remoting capabilities to make sure no ports have been left open
Staff completed KnowB4 training
Followed up with IT on WIN911 phone call alarming capabilities
Reached out to AWWA about Fall class hours
Reached out to Pelton Environmental for hose and lubricant pricing
Reached out to BL Anderson for chlorine hose pricing
Lab tech assisted customer with TDS questions
Coordinated with Ortman on running Canal Well #1
Responded to IT questions about SCADA and multi-factor authentication

Updating Plaza South monthly inspections form
Reached out to IT about WIN10/WIN11 requirements for new SCADA client machines
Assisted Wessler with planning for new pump installations at Canal and Glick
Working with Frakes and IT on new client PC planning
Reached out to BL Anderson for alternative brand hoses to Verder hoses we use due to lead times
Worked with Maintenance techs on getting measurements on new pump crates and planning logistics
Assisted Health Dept with determining potable water source at Tippecanoe Gardens/Animal Shelter
Printed new chemical mixing SOPs and made into binder
Had Lab Tech look into bac-t sampling stations to replace gas stations, etc.
Lab Tech collected samples and tested temperature on Canal Well #10
Made SDS labels for diesel exhaust fluid in admin building and added SDS sheet to book

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

Average pumping: 10.0 mgd
Maximum Pumping: 11.3 mgd
Minimum Pumping: 8.6 mgd

LAB

Monthly MRO Report.
Monthly Total Coliform Report.
Ordered reagents for lab and operations.
Collected & tested 80 distribution samples for TCR Report.
Collected & tested 5 distribution Fluoride split samples for State NaF report.
Reagents made.
WQC2 done.

Maintenance

Canal

Finish LED Lighting Admin. Build.(Jays Office)
Replace Photo Sensor for outdoor lighting (Admin. Build.)
Clean A/C units (admin Build.)
Install UPS Admin. Build (Rons)
Install UPS Admin. Build (Ricks)
Clean table jack W/D 40
Replace float on sump pump in vault (Hypo room)
Add shims to Chlorine pump
Replace wheel on N. gate
Change oil/oil filters#2 (Genset)
Replace fan belt Hypo room
Work on Hypo machine (Pat)
Added refrigerant to A/C unit Admin. Building
Change oil/oil filters and fuel filters #1 (Genset)
Replace Verda pump hose (Phosphate)
Replace canister seal on fuel/water separator (Genset #1)
Go over fuel system on Gensets #1

Replace Primer pump on Genset #1
Remove and dispose of old AC unit (Operations Build.)
Put office chair together (Steve's)
Move new AC unit in position for crane
Remove tape from vents (Hypo Room)
Remove portable AC unit
Change oil/grease and clean screens wells#5#6#7#8
Help Facility install new AC unit Operation Building (Pat and Wes)

Glick Station

Replace Oracle Pump Hose (red)
Adjust packing well #2
Break down Ammonia transfer pump and clean
Adjust PSI on well #4
Clean Flow Meter
Adjust packing well#1
Remove Verda pump and install new Verda pump (Ammonia)
Adjust packing on well #5

Murdock

Reset VFD #3
Reset VFD#4
Fuel Genset (Newton oil)
Change oil/oil filters and fuel filters (Genset)

Water Towers

Remove brush Plaza South
Measure new skids (Hagerty Tower)

Misc.

Fire Ext (Monthly)
Attend Safety Meeting (Monthly)
Gensets (Weekly)
Clean Operation Build. (Weekly)
Fleet/Equip. Transfer (As Requested)
Flowmeter Cleaning Glick (Monthly)
Caucus Entry(Monthly)
Checking Locations (Daily)
Aquifer Depth(Weekly)
Mowing All Locations (Weekly)
Escort Reliable Exterminators To All Locations
Spray Weeds (Daily /As Request)
Know B4 training
Transfer Hypo cell to Hagerty Tower
Repair Inner door panel truck 422
Install tool box (Chucks truck)
Dispose oil at Fleet

Meeting with Wessler (Pat)
Copper and Lead Wessler (Wes)
Check capacities on all Gensets
Annual Fire Ext. inspection with Koorsen all locations
CDL training 4hrs. (Charlie with Colton M.)

CPPS

Change oil/oil filters and fuel filters (Genset)
Reset VFD #5
Clean photo cell on docking light
Sharpen blades and clean deck on RC mower

Construction

Installed 8 New water services
Repaired 2 broken water mains
Repaired 3 Fire Hydrants
Replaced 1 Fire Hydrant
Repaired 2 Meter pits
Updated 1 Water services to the main to remove lead service line
Retired 3 Lead service lines
Made 3 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 -- Bloodborne Pathogens

Total Locates performed-1366, 61 were emergency calls.

Water Facility Inspector

Attended 0 pre-con meetings
Assisted Customer
Laserfishing files
Assisted Construction
Check for leaks 0
Fire Hydrant Inspection 14
Bacteria test performed 89
Worked on fire system forms
Reviewed Prints
Chlorination Witnessed 3
49 site inspections
Performed 11 meter pit/meter inspections
Flushed Mains 11
Hard Flush 0
Turn offs 15
DE chlorination Witnessed 3
Filled Main Line 1
Hydrostatic Test Witnessed 4

Turn Ons 17
Repaired Valve Box 2

Backflow Inspector

Performed 18 Inspections
Gave a presentation to WW on Fire Hydrants Part II
Attended Master-Plan Meeting
Continuing to update BSI-Online
Reviewed Prints
Attended Permits Meeting
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map
Trained Clint Moore in Cross Connection Inspector duties
Attended SCADA Lunch and Learn
Attended ME Simpson Valve Exercising meeting

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders completed: 1519
Meters changed: 18
Dials replaced: 1
Customers disconnected for non-payment: 442
Meters Tested: 10
Meter Department cleaned the upstairs area and the main office area