

**Lafayette Water Works Plant**  
**Water Our Most Precious Resource**  
**April-23**

**Operations**

**Canal**

Worked with Mains Foreman on getting new phosphate pump programmed  
Troubleshoot Curr Limit error on new phosphate pump with Mains Foreman  
Troubleshoot Vegapuls controller/sensor issues on phosphate tank, got with BL Anderson  
Bled air off of phosphate pump and tightened pump skid fittings  
Setup Vega Tools app/account  
Got C21 radar sensors access codes and s/n info for remote access  
Met with BL Anderson to troubleshoot Vegapuls radar issues  
Troubleshoot phosphate pump noise issue  
Took blue barrels to air stripper and barrel cart to Canal for storage  
Meeting with Mains on mixer mounting options for phosphate mix tank  
Worked with operators on getting new phosphate mixing tank in operation  
Worked on dosage formulas for new phosphate measuring equipment/tank

**Glick Station**

Assisted Mains with Well #3 issues  
Monitored morning operator product mixing duties  
Worked with operators on organizing and cleaning for IDEM inspection  
Operators took greensand filters and softener systems to Haggerty tower for storage

**CPHSS**

Tested booster pump #6 and trained operators on manually running from VFD  
Troubleshoot booster pump #4 failure with operator  
Tested out RC Mower for mowing reservoir  
Got with Liquid Engineering on availability for reservoir cleaning work

**Murdock Park**

Reached out to Wessler about landscaping low spot at 22nd and Cason St.  
Tested booster pumps #4 and #5 and trained operators on manually running from VFDs  
Reached out to Wessler about vent pipe covers and painting  
Troubleshoot tank level and control valve issues

**Elevated Towers**

Got with IT on Plaza South communication issues, fiber outage

**MISC**

Worked on IURC report with Billing director  
Completed March MRO and submitted to State  
Did test run on different well matrix configuration  
Reached out to chemical supplier on solution weights  
Got with IT on who has remote access to SCADA  
Assisted IT with Office 365 setup for people in our office  
Got operators setup with office 365 Outlook on two sysop pc's and park pc  
Worked on IURC data with Mains Foreman  
Organized IURC and DNR files  
Trained 2 Mains personnel on manually running booster pumps from VFDs  
Met Dayton operator to deliver 2022 CCR  
Submitted 2022 CCR to supervisors and Controller's Office  
Hydraulic Model Update meeting with Wessler Engineering  
Reached out to Frakes Engineering on 2023 projects  
Deployed new weekly monitoring book for tracking data  
Reached out to IT about using old tablet for operator field sheets  
Got with HP Thompson on ProMinent Analyzer wear items and ordering parts  
Assisted Pelton Environmental with invoicing questions for hose orders  
Worked on new field sheet designs for use with tablet  
Corresponded with IDEM inspector on Sanitary Survey plans  
Assisted lab technician with email signature setup and new Outlook view settings  
Completed American Fidelity meetings  
Sent 2022 CCR to Billing director and WW Admin Assistant for distribution  
Put together chemical order list for Chief  
Put together list of needed cleaning supplies for all locations

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

*A*verage pumping: 10.9 mgd  
*M*aximum Pumping: 12.1 mgd  
*M*inimum Pumping: 9.4 mgd

### **Lab**

Monthly MRO report.  
Monthly Total Coliform Report.  
Monthly CL2 Report.  
Collected & tested 70 distribution samples for TCR Report.  
Collected & tested 4 distribution Fluoride split samples for State NaF report.  
Reagents made.  
POE annual VOC'S done.  
Extra lab cleaning done.

### **Maintenance**

#### **Canal**

Holly was on nights to assist in flushing 4/2/23 to 4/17/23  
Inspecting wells at Glick Well Field  
Employees participated in outlook training  
Worked on key pad south gate  
Moved chemicals from Glick to Canal  
New Hose in the Phosphate pump  
Fixed Chlorine leak canal main line  
Cleaned Operations Building on Thursday (weekly)  
Paint Floors  
Clean up Fuel in parking lot  
Cleaned motion sensors in truck bay admin building  
Paint the water pipe lines to boiler system  
Worked on A/C administration Building  
Fixed sub pump  
Transfer of vehicles to and from Fleet  
Know before training all Maint Employees  
Aquafer Depth Weekly  
Unload semi for Cheryl

#### **Glick Station**

Cleaned scale and prep area to replace under chlorine day tank  
Well #3 Glick off line for repairs  
Cleaned the flow meter  
Cleaned Glick Building

#### **CPHSS**

Fixed heater in pump room new set screws in fan blade  
clean up after roof leaks (light fixtures, floors, walls etc.)  
Assisted in concrete work being done  
Changed bulbs at park entry to LED  
Painting of all booster pumps and concrete pads Multi day event  
Mopped Floors at Pump house

#### **Water Towers**

De-Winterizing  
Fixed the screen on the overflow union tower  
Mow all Towers  
Tower inspections of structure and Grounds (Daily)  
worked on interior light fixtures

#### **MISC**

Holly assisted in flushing for a 2 week period back on the 18th  
Pick up overboard trailer  
gathered all flushing equipment for nights  
Training Demo New Mower Reservoir  
Mowing all locations several times throughout month  
Put in Caucus Report for previous month  
Ran Gensets at all locations (weekly)  
Boiler checks all locations (weekly)  
Fire extinguishers all locations (monthly)  
Tower Inspections (preventative 2 days yearly)  
employee vacation 1 week  
Mowing all locations several times throughout month

### **Construction**

Installed 16 New water services  
Repaired 3 Broken water main  
Repaired 6 Fire Hydrants  
Doing hydrant maintenance after flushing  
Repaired 2 services  
Repaired leak at Jenks new restrooms at the park  
Made 2 taps  
Did a number of street and yard repairs after broken mains this last winter  
Safety Training for April : Sexual Harassment

**Total Locates performed-1430, 49 were emergency calls.**

### **Water Facility Inspector**

Attended 3 Pre-con meetings  
Assisted Customer Service  
Assisted Construction  
Worked on punch list  
Fire Hydrant Inspection: 30  
Dichlorination 4  
Worked on fire system forms  
Reviewed prints  
Worked on cleaning up my job board  
52 site inspections  
Performed 4 meter pit / meter inspections  
Turn on: 36  
Hard Flush 0  
Check for Leaks 1  
Turn off: 39  
Bacteria test: 7  
Hydrostatic test: 4  
Filled Main line: 5  
De-Chlorination 4  
Flush Mains 11

### **Backflow Inspector**

Performed 9 Inspections  
Continuing to update BSI-Online  
Trained with 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  
Performed 1 Site Survey  
Interim Inventory Cost Account Manager

### **Customer Service**

Customer Service Field Techs responded to the following requests/services:  
Service orders completed 1139  
Meters changed 5  
Dials replaced 6  
Customers disconnected for non-payment 334