

# **Lafayette Water Works Plant**

## **Water Our Most Precious Resource**

### **April-25**

#### **Operations**

##### **Canal**

Cleaned pump skids and tanks with operators

Sprayed out mud and rocks around ice machine and back wall of admin garage

Replaced Clor-tec system water filters

Wiped down electrical room in Operations building

##### **Glick Station**

Isolated well #5 after failed sample

Worked with Wessler Engineering on phosphate tank plans

Lab tech disinfected and prepared old well #5 sample tap for sample collection

Got station running after power issues

Ongoing monitoring of Glick Improvements Project progress

Scheduled SCADA work with Frakes Engineering for Glick Improvements Project

Worked with Frakes Engineering on-site for screen and programming changes

Worked with Frakes Engineering on new alarm shelving page on SCADA

Worked on chlorine pump issues

##### **CPHSS**

Met IT and Wintek for network bridge work

##### **Murdock Park**

Cleaned and calibrated chlorine analyzer

## **Elevated Towers**

Got with Maintenance on Union tower altitude valve failure to close issues

Spoke with Wintek again on getting hanging fiber line buried

National Wash cleaned two towers

Took chlorine samples at Wea, Plaza South, and Haggerty

Swept and cleaned Wea and Plaza South

Calibrated and cleaned chlorine analyzer at Plaza South

## **MISC**

Worked UBO director on IURC report

Coordinated operators with IT to troubleshoot truck #461 modem issues

Customer service tech cross-trained with lab tech

Met with Dept. of Health fluoridation inspector

Assisted Godlove with bacteria sample chain of custody issues

Operators cross-trained with lab tech

Worked with Steve and IDEM on public notice

Reach out to Element for PFAS monitoring quote

Met with customer on water issues at apartment

Working with IT and Joe on truck modem inventory and replacements

Completed IURC report and sent to Controller

Assisted Jen with tracking down Midco Diving invoice

Followed up with customer from apartment complex

Operators cross-trained on TTHM and WQCP testing

Sent CCR to IDEM for approval

Developed new lab monitoring framework book for tracking things throughout year

Got with Town of Dayton on public notice and consecutive system certification

Got with IT on Kyocera printer issues

Worked with lab tech on creating book of hard copies and example copies of all lab forms, etc.

Cross-trained operator on TCR report  
Cleaned up lab files and developed new folder system and templates  
Trained operators on new lab file locations  
Moved foreman desk into old lab office space  
Got with IT to combine foreman and lab tech email accounts  
Operators collected remaining bacteria samples for month  
Wrote SOP for printing UPS labels for shipping samples  
Sent public notice to billing director for billing insert  
Organized lab paperwork and set up workstation for lab tech and operators  
Conference call with Steve and attorneys office on BASF litigation questions  
Moved old lab/operations paperwork to water tower for storage  
Completed Level 1 Assessment and submitted to IDEM  
Wrote SOP for connecting laptop to iPhone hotspot  
Updated daily field sheet on-call list  
Got with Element to order TTHM bottles for May  
Updated bacteria collection field sheet  
Took truck to Fleet  
Worked on organizing office drawers  
Got with HR on KnowB4 training not showing up for operator  
Made lab calendar for sample collection through August for operators  
Ongoing cleaning and organizing of old lab office space

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

***Average pumping: 7.9 mgd***

***Maximum Pumping: 8.9 mgd***

***Minimum Pumping: 6.1 mgd***

## **Lab**

Collected 80 Bacteria samples

Cross-trained staff on lab duties

Lab duties handled by Operations Foreman and System Operators after Lab Tech retirement

## **Maintenance**

### **Canal**

Paint Shelf in Electrical Room

Organize Well Parts in Electrical Room

Remove Winterization Wells #3-#4-#10

Replace Brine Pump on Hypo Machine

Work on Meter Test Bench

Replace Sump Pump in Hypo Vault

Replace 1in Valve in Canal Vault (Chlorine)

Replace Stem Bolt on 3in Valve Well House #7

Assist Houston Load Switch Board and Cabinet

Replace 3/4in Valve on Hypo Machine

Repair Leaking Sensor on Hypo Machine

Clean Operations Build. (Weekly)

### **Glick Station**

Adjust Packing Well #1

Adjust Packing Well #4

Install Overboarding Hoses and Valve to Well #5

Remove Winterization #1-#3

Adjust Packing #3

Replace Limit Switch in Furnace in Chlorine Room

## **CPHSS**

Replace Front Door Lock

Check Storm Drains at Reservoir For Animals

Meet Center Point to Change Gas Meter (Relight Pilot on Boiler)

## **Water Towers**

Check All Towers For Outlet Overflow Screens

Clean Up Storm Damage at Plaza S. and Fairground Towers

Check UPS For Lost Connection Plaza S.

## **MISC**

Drill and Tap Overboarding Coupler For PSI Gage

Ran to Menards for Supplies

CDL Training at Street Dpt. (Pat)

Reset Gateway #1 (Brown St.)

Repair Ground Wire Gateway #5

Participate in Spring Flushing (Holly) Two Weeks

Escort Reliable Exterminators to all Locations (Holly)

Check All Fire Ext. (All Locations Monthly)

Attend Monthly Safety Meeting (Sexual Harassment)

Run All Gensets Once a Week (Fridays)

Fleet/Equip. Transfer (As Requested)

Assist Houston Elec. with Switch Boxes (Transport to Glick)

Purchase New Ball And Ball Mount For Mowing Trailer (Menards)

Take New Scag Mower To Bobcat For Gas Tank Replacement

Fire Ext. (Monthly)

Gensets (Weekly)

Caucus Entry (Monthly)

Checking Locations (Daily)  
Aquifer Depths Three Times a Week  
Mowing All Locations (Weekly)

## **Construction**

Installed 22 New water services  
Repaired 3 Broken water main  
Repaired 5 Fire Hydrants  
Doing hydrant maintenance after flushing  
Repaired 4 services  
Replace 2 lead service lines  
Made 1 New service tap  
Did a number of street and yard repairs after broken mains this last winter  
Cleaning and Sanitized breakroom/Organized work trucks, backhoes and dump trucks  
Safety Training for April : Hearing Conservation  
Joe Davenport: Glick well field improvements

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

## **Water Facility Inspector**

Attended 3 Pre-con meetings  
Located and repaired valve box 1  
Fire Hydrant Inspection: 15  
Dechlorination 2  
Worked on fire system forms  
Reviewed prints  
Worked on cleaning up my job board  
57 site inspections  
Performed 5 meter pit / meter inspections  
Turn on: 42  
Hard Flush 5  
Check for Leaks 1  
Turn off: 43  
Bacteria test: 28  
Hydrostatic test: 3  
Filled Main line: 5  
Chlorination 3  
Flush Mains 10

## **Backflow Inspector**

Performed 8 Inspections  
Attended ADA Meeting  
Continuing to update BSI-Online  
Reviewed Prints  
Attended Permits Meeting  
Worked on cleaning up the backflow portion of Laser fiche  
Performed 1 Hydrostatic Test 22 N 2nd St.

Updated MyGIS and Arc-Map

Attended Master Plan meeting

Attended DOT training at Street Dept.

Trained Clint Moore in Cross Connection Inspector duties

## **Customer Service**

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

Service orders completed: 1551

Meters changed: 16

Dials replaced: 11

Customers disconnected for non-payment: 604