

## **Lafayette Water Works Plant**

**Water: Our Most Precious Resource**

**January-24**

### **Operations**

#### **Canal**

Assisted with 36" main work with Atlas

#### **Glick Station**

Cleaned station for tour

Testing chlorine drop-off issues with Glick wells

Replaced chlorine probe membrane cap and electrolyte

#### **CPHSS**

#### **Murdock Park**

Cleaned station for tour

Troubleshoot booster pumps #2 and #4 failing

#### **Elevated Towers**

Assisted Frakes with where to place digital tower level readout for Wea Tower

Discussed Wea PSI sensor installations and what they should do

Responded to IDEM inspector on Wea Tower completion schedule

## **MISC**

Cross-trained on bacteria sampling with operators and lab tech  
Meeting with Steve, Ron, and attorney's office  
Put together PFAS sample results and got with Maintenance foreman on design capacities of wells  
Snow plowed two nights  
Sent 5 highest pumping days to engineering for water main extension project  
Discussed arsenic, iron, and manganese levels in Canal/Glick wells with Wessler  
Reached out to De Nora for service scheduling for Clor-Tec system  
Spoke with De Nora service tech about scheduling and parts delivery issues  
Sent contract back to De Nora, working through vendor status issues

108 After Hours Service Requests Completed

Average pumping: 8.8 MGD  
Maximum Pumping: 12.8 MGD  
Minimum Pumping: 7.3 MGD

## **Lab**

Monthly MRO report.  
Monthly Total Coliform Report.  
In house testing for nitrate and nitrite.  
Collected & tested 80 distribution samples for TCR Report.  
Collected & tested 5 distribution Fluoride split samples for State NaF report.  
WQC2 in (DS)

## **Maintenance**

### **Canal**

Tighten packing on all wells  
Repaired pin hole in Oracle line/replaced food grade lines  
Changed valve on Ammonia pump  
Remove door to map room stored at Haggerty Tower  
Checked and repaired all heat tapes on well platforms  
Replaced key scan on south door Operations Building  
cleaned all banners in the truck bay Admin. Build  
fixed small leak in Well #8 so we could put back online  
Defrosted Well #8 after Cold Snap  
Charlie B. Worked Construction O/T over the weekend  
All Maintenance Employees participated in Pipeline Training put on by 811  
Preparation for 36 inch main Spool replacement  
Work on Hypo 3 times this month  
Approve payroll time all employees (Bi Weekly)  
Disassemble Ammonia cleaned, re-assemble, and relocated in new area  
Flushed out Ammonia lines to remove buildup due to chemical not dissolving  
New Toilet flushing handle in men's restroom Administration building  
Move, sort and place piping rack in new location in the Inventory Building  
Adjusted packing on well #10 and replaced light fixture on platform  
Lube all garage doors in all buildings  
Worked on the north gate

### **Glick Station**

Cleaning of the Flowmeter (weekly/upon request)  
Tighten packing on all wells and add to Well #1

Put rock at the end of well #2  
Lube all garage doors.  
Removed transfer pump and replace hard pipe line on Chlorine feed  
Replaced flush valve in toilet tank in restroom  
Transfer Pallets of chemicals from Canal location to Glick location

### **Murdock Pumping Station**

Retrieved equipment from this location

### **CPHSS**

Cleaned and stocked restrooms with cleaning supplies  
Snow removal after snow event  
Clean walls due to roof leak needing repaired

### **Water Towers**

Picked up trash at union tower extreme amount  
Picked up trash at all towers before snow event  
Picked up and returned overboard trailer from Haggarty tower

### **MISC**

Running of all Gensets (weekly)  
Fire Extinguishers Inspections (Monthly)  
Water Works CDL Training - New Employee and Charlie B.  
Caucus (monthly)  
Well Depth (3 days a week )  
Take Brine trucks to fleet pumps froze up  
Snow removal (As Needed) All Maint. Employees participated in snow events this month  
Check oil in Maint. Trucks (Bi-Weekly)  
Cleaned Operations Building (Weekly)  
Pick-up and Deliver back the gas sniffer from Renew  
Charlie B. trains Holly J in Brine truck and participate in City wide Street Brining  
Holly and Charlie B inspected all snow plow and brine trucks in prep for storm  
Pick up and deliver all fleet vehicles to and from Fleet Building  
Training of New Employee

### **Construction**

Installed 6 New water services  
Repaired 26 Broken water mains  
Removed 1 hydrant/ Maintenance on Fire Hydrants  
Repaired Service Line  
Cleaned and Sanitized Breakroom/ washed and swept out dump trucks and backhoes  
Safety training for January: Slips, Trips and Falls  
Snow plowing / Brining  
Cold patched on the streets with broken mains

**Total Locates performed-806, 45 were emergency calls.**

### **Water Facility Inspector**

Fire Hydrant Inspection 0  
Filled Main Lines 1  
Chlorination witnessed 1  
Worked on punch list  
Performed 0 Bacteria Test  
Flushed 3 Mains  
Worked on fire system forms  
Reviewed Prints  
Worked on cleaning up my job board  
69 site inspections  
Performed 5 meter pit and meter inspections  
Turn on 6  
Hard Flush 0  
Witnessed 7 Hydrostatic Test  
Turn off 8  
Pre Construction 2

Check for leaks 2  
Valve box cleaned out / repaired 11

**Backflow Inspector**

Performed 14 Inspections  
Continuing to update BSI-Online  
Reviewed Prints  
Worked on cleaning up the backflow portion of Laser fiche  
Cross-Training Water Works employees to fill in the Backflow Inspector position  
Updated MyGISmanager mapping  
Performed 2 Site Survey  
Gave Presentation on Broken Mains to Water Works  
Gave Presentation on Broken Mains to UBO Dept.

**Customer Service**

Service orders completed: 1161  
Meters changed out: 15  
Dials changed: 14  
Customers disconnected for non-payment: 378  
Snow plowed and Brine