

FILED  
CITY CLERK

2024 DEC 26

CINDY MURRAY

# Lafayette Water Works Plant

Water Our Most Precious Resource

November-24

## Operations

### **Canal**

Got with BL Anderson for new chlorine hose pricing and ordering

### **Glick Station**

Met IDEM at wellfield to show them monitoring wells

Used metal detector to find buried monitoring wells

Coordinated access agreement between City and IDEM for monitoring well testing

Reached out to Reynolds to confirm transformer changeout schedule

Detailed out plans for Glick well transformer changeouts to staff

### **Murdock Park**

Cross-referenced SCADA panel fuses for Kirby Risk order

### **MISC**

Got updated quote for SCADA components from Kirby Risk

Distributed cleaning supplies to Water Works buildings

Identified individual components in different SCADA panels with parts quote

Completed October MRO and submitted to State

Sent UCMR5 results to Wessler Engineering

Cross-referenced PLC and relay bases with Union tower and checked inventory

Crunched numbers to fit SCADA components order within budget

Took chemical deliveries at Canal and Glick

Meeting with Steve/Jen on approving SCADA components order

Gave Frakes permission to begin schematic update project

Cleaned out old paperwork and junk from office

Cleaned out old project emails

## **71+ After hours and weekend service request calls that are handled by**

**Average pumping: 7.3 mgd**

**Maximum Pumping: 8.3 mgd**

**Minimum Pumping: 5.3 mgd**

## **Lab**

Monthly MRO Report.  
Monthly Total Coliform Report.  
Extra Cleaning in Lab  
Collected & tested 80 distribution samples for TCR Report.  
Collected & tested 4 distribution Fluoride split samples for State NaF report.  
Reagents made.  
TTHM and HAA5 samples taken.

## **Maintenance**

### **Canal**

Install Base Covering In Meter Room  
Installed New Sink In Meter Room  
Replace Hose And Oil on Bredel Pump (Chlorine)  
Replace Injection Quill On 36inch Main Canal Vault (Chlorine)  
Replace Fan Motor For Well House #8 Heater  
Repair Touch Pad Post At South Gate  
Winterize Well #1  
Check all Drain Backs on Wells  
Replace Nipple Well #10  
Clean Admin. Closets (Holly)  
Install Screens To Exterior Exhaust Baffles

### **Glick Station**

Clean Flowmeter  
Assist Houston Elec. Turning Well Field Back On  
Let Ortman In Well Tower #2  
Take Motor To Well #2 And Assist Ortman

### **Murdock Park**

### **CPHSS**

Install New Back Flow (Boiler)  
Add Water To Lagoon  
Close Windows In Pump Room

### **Water Towers**

Turn On All Heaters

## **MISC**

Fire Ext. (Monthly)  
Attend Monthly Safety Meeting (Confined Space)  
Gensets Weekly  
Clean Operations Build. (Weekly)  
Pick Up Sniffer From Renew (As Needed)  
Transfer Equipt. to and from Fleet (As Requested)  
Clean And Service All Furnaces (All Locations)  
Caucus Entry (Weekly)  
Checking Locations Daily  
Aquifer Depth (Weekly)  
Check Heat Tape  
Mowing All Locations (Weekly)  
Snow Removal (As Needed)  
Check Oil/Fluid In Maint. Trucks (Weekly)  
Escort Reliable To All Locations (Monthly)  
Put Together Walk Behind Salt Spreader  
Picked Up Locks From Mulphaupt  
Run Mail To City Hall  
D.O.T Drug Screen (Pat)  
Take Well Motor #2 Glick To Kirby  
Winterize Drinking Fountains Downtown

## **Construction**

Installed 4 New Water Services  
Repaired 0 Broken mains  
Repaired 26 Fire Hydrant  
Repaired 3 Meter pits  
Repaired 1 Broken shut off  
Replaced 0 Fire Hydrant  
New Service Tap 1  
Made repairs to street/driveways/sidewalks after main breaks  
Cleaned and Sanitized breakroom/ organized work trucks/backhoes and dump trucks  
Safety training for November: Confine Space Joe D. Asbestos Mains

**Total Locates performed-1088, 68 were emergency calls.**

## **Water Facility Inspectors**

Pre Con 0  
Witnessed Chlorination 0  
Laserfishing files  
Witnessed DE Chlorination 0  
Worked on punch list  
Filled Main Line 0  
Flushed 5 systems

Worked on fire system forms  
Reviewed Prints  
Bacteria Samples 8  
44 site inspections  
Performed 5 meter pit /meter inspection  
Turn on 20  
Hard Flush 3  
Hydrostatic Witnessed 0  
Fire Hydrant Inspections 32  
Assisted Construction  
Valve Box located and repaired 1  
Turn offs 57

### **Backflow Inspector**

Performed 15 Inspections  
Gave a presentation to WW on the Upper and Lower Systems  
Attended Master-Plan Meeting  
Continuing to update BSI-Online  
Reviewed Prints  
Attended Lead Service Line Replacement Meetings  
Attended Permits Meeting  
Worked on cleaning up the backflow portion of Laserfishing  
Updated MyGIS and Arc-Map  
Gave a presentation to UBO on Hydrants  
Trained Clint Moore in Cross Connection Inspector duties  
Attended ADA Meeting  
Attended 3 day Buried Asset Management Conference

### **Customer Service**

Customer Service Field Techs responded to the following requests/services:  
Service Orders complete: 860  
Meters changed: 13  
Dials replaced: 12  
Customers disconnected for non-payment: 154  
**Meters Tested: 18**