

# Lafayette Water Works Plant

Water Our Most Precious Resource

JANUARY 2013

## Operations

### **Canal**

- Took apart CI2 pump skid to flush out plumbing and assign pumps to sell
- Assisted with Greensand filter two year control head maintenance with vendor
- Vendor assisted hands on trained operators on Greensand Filter control head maintenance

### **Glick Station**

- Maintained

### **CPHSS**

- Resupplied cleaning supplies
- Cleaned SCADA control panel air filter
- Assisted IT Dept with security phone line problems

### **Elevated Towers**

- Maintained

### **MISC.**

- Made a detailed map of Hawthorn meter locations and numbers
- Assisted Customer Service Dept with turn offs
- Made Hawthorn maps for Customer Service Dept
- Exercised valves on air stripper
- Cleaning air stripper tower in progress
- Retyped and updated meter route list
- Made 2013 Operations Calendar
- Finished 2013 Operation's forms
- Updated Forms Index to 2013

- Assisted IT Dept with Form Index Drive
- Reviewed and made changes to SCADA design still in progress
- Update and sent out kidney dialysis water quality report to a few companies
- Completed IURC report
- Had meeting with engineer

**A**fter hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 120 this month.

**Average pumping:** 8.1mgd

**Maximum Pumping:** 8.6mgd

**Minimum Pumping:** 6.4mgd

## Lab

- Monthly reports
- Monthly testing
- Monthly monitoring

## Maintenance

### **Canal**

- Installed new heater in well house 7
- Installed new CI2 pump, VFD drives and suction and discharge plumbing
- Installed 240 volt outlet for dryer hook up in garage
- Repaired auto flusher in chemical feed building
- Bled off air in boiler system

### **Glick Station**

- Repaired leak at CI2 transfer pump
- Replaced bad battery in security system
- Replaced UPS for computer in office area

### **CPHSS**

- Greased all pumps and motors
- Replaced bad battery in security system
- Tested phone lines
- Installed new blower motor in pump room

### **Elevated Towers**

- Performed Water Tower inspections

### **MISC.**

- Tested/ran Gen-Sets
- Snow removal

## **Construction**

- ◇ Installed 8 new services
- ◇ Repaired 18 broken mains
- ◇ Updated 5 services
- ◇ Made 1 valve box repair
- ◇ Replaced 2 valve boxes
- ◇ Repaired 2 leaks
- ◇ Made 6 meter/pit repairs
- ◇ Made 3 hydrant repairs due to vehicle collisions
- ◇ Greased 1 hydrant
- ◇ Performed 1 side tap
- ◇ Made a sewer line repair due to an earlier water main break that we repaired on Underwood Street
- ◇ Repaired 2" valve at City Dump
- ◇ Ran off and/or verified work orders
- ◇ Changed out large meters
- ◇ Charged 6" line at new GLPT transfer station
- ◇ Reduced a 2" meter on Widewater Dr to a 1" meter
- ◇ Plowed snow and salted city streets, Area 1 and 3
- ◇ Saw Cut Holes, concrete work and dirt work
- ◇ Delivered and picked up trucks at Clark's for warranty issues
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Total Locates performed 316, 34 were emergency call requests, 2 Contractor assistance and 1 valve post installed
- ◇ Our Water Facilities Inspector performed 1 hydrostatic test, 2 bacteria tests and 2 inspections

- ◇ Backflow Technician logged 298 tests results, received 56 inspections and sent 12 letters of compliance

## **Customer Service**

- CSFT responded the following requests/services:
- ◇ 3 Discolored water calls
  - ◇ Tested 2 meters
  - ◇ Changed 95 meters
  - ◇ Repaired 4 meters
  - ◇ Cut 1 meter pit lid
  - ◇ Service applications 251
  - ◇ Account finals 131
  - ◇ Turn-off for non-payments 378
  - ◇ Check meter readings 90
  - ◇ Completed work orders 174
  - ◇ Blue tags for return service 37
  - ◇ Zero Consumption Runs 12
  - ◇ UBO radioed 456 requests to CSFT's
  - ◇ 95 MIU Radio Readers installed
  - ◇ 56 MXU's installed
  - ◇ Our 3 Service Techs drove an average of 169 miles per day this month