

# Lafayette Water Works Plant

Water Our Most Precious Resource

MAY 2013

## Operations

### **Canal**

- Cleaned PO4 check valve
- Worked on quote for brine tank ladder replacement
- Changed hypo skid water filters
- Cleaned and recalibrated chlorine and fluoride analyzers

### **Glick Station**

- Worked on brine tank bids
- Worked on quotes for Glick well tower painting
- Cleaned and recalibrated chlorine and fluoride analyzers
- Cleaned fluoride tank

### **CPHSS**

- Cleaned and recalibrated chlorine analyzer
- Had security phone line repaired

### **Elevated Towers**

- Maintained

### **MISC.**

- Repaired barrel pump
- Inventoried all feed pumps and cataloged serial numbers
- Working on Broken Main SOP
- Located the old Sears Warehouse monitoring wells for abandonment
- Assisted fire extinguisher company at other locations
- Three Sears monitoring wells have been abandon

- Weed whipped monitoring wells and located water main valves at Glick and applied weed preventor
- Assisted Engineering Dept. with the GPSing of all of our monitor wells and valves
- Meetings with a couple of chemical feed vendors
- Meeting with tank mixing company
- Working on SCADA project
- Operator foreman training

**A**fter hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 150 this month.

**A**verage pumping: 6.8mgd

**M**aximum Pumping: 8.1mgd

**M**inimum Pumping: 5.7mgd

## Lab

- Help on GPS locating monitoring wells at Glick Well field
- Monthly MRO Report
- Monthly Cl2 Report
- Monthly MRO Report
- Consumer Confidence Report to City for mailing
- Collected 19 VOC's samples at Glick for Well Head Protection
- Collected 2<sup>nd</sup> Qtr, TTHM's/Haa5 (4sites)

- Collected 2<sup>nd</sup> Qtr. POE VOC's
- Collected and tested 60 distribution bacteria samples for TCR Report
- Collected 4 and tested distribution Fluoride split samples for State NaF Report
- Collected samples for air stripper influent and effluent and Wells C7 and C8

## Maintenance

### **Canal**

- Tarred and patched Chemical Feed building roof
- Well production tests, wells C1, 4, 7, 8

### **Glick Station**

- Replaced drive belts on air stripper blower
- Rinsed out and sanitized Glick well valve pits due to flooding
- Well production tests Wells G1, 2, 3, 4, 5

### **CPHSS**

- Changed oil and filters in Gen-Set

### **Elevated Towers**

- Monthly inspection at all water towers
- Union Tower, tested RTU Radio, tested RTU board, communication established

### **MISC.**

- Cleaned, organized and fueled maintenance vehicles
- Bi-Weekly inspections

- Drinking fountain put back in service on Main Street
- Assisted with annual hoist inspections
- Disposed of old oil at Fleet Maintenance

- ◇ Backflow Technician log 289 tests results, received 56 inspections and sent 9 letters of compliance

## **Construction**

- ◇ Installed 21 new services
- ◇ Completed 3 drop-in services
- ◇ Repaired 3 broken mains
- ◇ Made 1 valve repair
- ◇ Hydrant repairs and maintenance 14
- ◇ Performed 2 side-taps
- ◇ Updated 5 meter services
- ◇ Lowered 5 meter pits in the Mill Creek Subdivision
- ◇ Replaced 1" galvanized line on N 11<sup>th</sup> Street with a 1" copper line
- ◇ Assisted Customer Service with disconnects
- ◇ Picked up truck 434 from Clark Equipment
- ◇ Changed out truck 407 and 422
- ◇ Ran off and/or verified work orders
- ◇ Verified meter info as needed
- ◇ Hauled off several loads from the dump
- ◇ Saw Cut Holes, concrete work and dirt work
- ◇ Added cold patch to several dig-ups
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Total Locates performed 884, 19 were emergency call requests, 6 Contractor assistance, 1 service run

## **Customer Service**

CSFT responded the following requests/services:

- ◇ Changed 202 meters
- ◇ Responded to 1 discolored water call
- ◇ Tested 2 meters
- ◇ Raised 1 meter pit
- ◇ Service applications 946
- ◇ Account finals 203
- ◇ Turn-off for non-payments 376
- ◇ Check meter readings 93
- ◇ Completed work orders 161
- ◇ Blue tags for return service 42
- ◇ Zero Consumption Runs 54
- ◇ UBO radioed 521 requests to CSFT's
- ◇ 12 MXU's installed
- ◇ We installed 202 MIU
- ◇ Our 3 Service Techs drove an average of 175 miles per day this month