

# Lafayette Water Works Plant

Water Our Most Precious Resource  
MARCH 2012

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STRAY

## Operations

### **Canal**

- Fixed leak on NaF pumps, rebuilt check valves and replaced gaskets as necessary
- Re-arranged lab office and put cabinets on cinder blocks
- Open hatch on brine tank and check salt level and inspected
- Re-organize Lab for Environmental Lab move in
- Re-organize Lab office for overflow of lab

### **Glick Station**

- Changed indicator light bulb at air stripper
- Exercised valves at air stripper and tested GPM through meter
- Removed and acid washed chamber in air stripper meter
- Repaired leak on Fluoride Pump
- Filled tar in cracked spots on roof around skylights and drains

### **CPHSS**

- Clean SCADA panel air filter
- Installed new Cl2 system at park
- Filled new Cl2 system at park and checked for leaks
- Got hand soap from Glick and refilled dispenser at Park
- Tracked phone line problem for park security to telephone box outside, no signal coming in

### **Elevated Towers**

- Changed out bulbs at HLET

- Check security lights at the rest of the towers and got with Purchasing Agent to stock bulbs

### **MISC.**

- Organized SCADA computer files
- Meeting with water treatment chemical salesman
- Meeting with water treatment feed pump salesman
- Collected and tested 60 distribution bacteria samples for TCR Report
- Collected and tested 4 distribution Fluoride split samples for State NaF Report
- Collected samples for the air stripper influent and effluent and Canal wells #7 and #8
- Monthly NPDES Report
- Monthly Cl2 Report
- Monthly Total Coliform Report
- Annual Lab Report
- Consumer Confidence Report results for Dayton
- Screw box to pallet and screw top of box back down for delivery on the sample feed pump
- Price all-terrain man lift for power washing wells and air stripper
- Brought old chamber from air stripper meter to Purchasing Agent to order new one
- Ammonia and nitrate testing of wells for flushing matrix

**After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 84 this month.**

**Average pumping:** 7.5mgd  
**Maximum Pumping:** 8.9mgd  
**Minimum Pumping:** 5.5mgd

## Maintenance

### **Canal**

- Installed roof caps on Inventory Building
- Removed heat tapes and insulation from wells
- Annual well production, tested wells # 1,2,3,4,5,10
- Rearranged lab for lab contractor
- Ran Gen-Sets

### **Glick Station**

- Cleaned and sanitized valve pits at wells
- Annual well production tested all Glick wells
- Tested and acid cleaned Interceptor Well

### **CPHSS**

- Moved, secured and organized antenna cables, and network wires
- Ran Gen-Sets

### **Elevated Towers**

- Maintained and monthly inspections

### **MISC.**

- Bi-Weekly inspections
- Removed winter ice melt material and stored
- Cleaned, organized and fueled maintenance vehicles

## **Construction**

- ◇ Repaired 1 broken mains
- ◇ Installed 46 new services, 40 @ Hawthorne
- ◇ Installed 1" irrigation at Chatum Square
- ◇ Repaired 5 services and updated 2 services
- ◇ Made 1 valve replacement
- ◇ Performed 1 Sidetap
- ◇ Repaired 3 leaks
- ◇ Replaced 1 fire hydrant
- ◇ Made repairs to 1 hydrant and replaced 1 hydrant
- ◇ Filled digs up with needed materials to get through the winter season
- ◇ Attended the Purdue Road School
- ◇ Performed general maintenance at the Water Towers and the Well Fields
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Assisted the Customer Service Department with meter change outs, meter installations and disconnects
- ◇ Total Locates performed 807, 19 were emergency call requests and 9 were Contractor Assisted, 2 Service Runs, installed 1 valve post and 1 hydrant post
- ◇ Our Water Facility Inspector performed 8 hydrostatic test, 16 bacteria tests and 10 fire line hard flushes, assisted Contractors and our Construction Crews where needed
- ◇ Backflow Program; 58 Inspections, 27 Compliance letters sent

and 198 devices tested and data Entered

## **Customer Service**

CSFT responded the following requests/services:

- ◇ Changed 357 meters
- ◇ Meters repaired 2 and raised 2 meter pits
- ◇ Service applications 372
- ◇ Account finals 160
- ◇ Turn-off for non-payments 281
- ◇ Check meter readings 62
- ◇ Completed work orders 272
- ◇ Blue tags for return service 40
- ◇ Zero Consumption Runs 38
- ◇ UBO radioed 444 requests to CSFT's
- ◇ 357 MXU Radio Readers installed
- ◇ Our 3 Service Techs drove an average of 164 miles per day this month