

# Lafayette Water Works Plant

Water Our Most Precious Resource

FEBRUARY 2012

## Operations

### **Canal**

- Changed filters on the hypo generator
- Flushed out Fluoride discharge line
- Installed new spill mats on Fluoride pump skid

### **Glick Station**

- Replaced Cl2 probe tip and electrolyte
- Calibrated Cl2 analyzer
- Greased overhead door
- Replaced bulbs on well towers

### **CPHSS**

- Assisted Maintenance and cross trained by greasing pump bearings
- Touch up paint on pump room columns and roof drain pipes

### **Elevated Towers**

- Replaced Cl2 probe tip and electrolyte at HLET
- Calibrated Cl2 analyzer
- Investigated phone problem at HLET
- Investigated Cl2 analyzer pH reading problem
- Greased overhead door at PSET
- Greased overhead door at HLET
- Investigated phone line problem at USET

### **MISC.**

- Organized SCADA computer files
- Assisted Inventory Manager with moving new meters into the building
- Repaired chair for use in Operations office
- Research whether to order parts or purchase new hypo pump head

- Meeting with water treatment chemical salesman
- Meeting with water treatment feed pump salesman
- Completed two water quality reports for kidney dialysis company
- Attended AWWA conference in Indianapolis
- Updated Operations Calendar for 2012
- 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 C-7 and C-8
- NPDES Report
- Collected quaternary samples for TTHM/HAA5
- Change electrode solution in pH meter and change out buffer solution

**After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 92 this month.**

**Average pumping:** 7.8mgd

**Maximum Pumping:** 8.9mgd

**Minimum Pumping:** 4.6mgd

## Maintenance

### **Canal**

- Installed new diagram on C-10 well valve
- Cleaned out fluoride line, replumbed vat

### **Glick Station**

- Adjusted packing on G-2 & G-4
- Cleaned flow meter
- Repaired busted Po4 line
- Cleaned valve vaults G-1 & G-4

### **CPHSS**

- Greases all service pumps
- Laser aligned all service pumps
- Organized network cables and Traffic improvement antenna cables in Boiler room

### **Elevated Towers**

- Installed new W-1500 board at PSET

### **MISC.**

- Bi-Weekly inspections at all Water Works facilities
- Ran Gen-Sets
- Cleaned, fueled and organized maintenance vehicles
- Helped Customer Service Dept installing new water meters

FILED  
CITY CLERK  
2012 MAR -7 PM 1:43  
CINDY MURRAY

## Construction

- ◇ Repaired 4 broken mains
- ◇ Installed 48 new services, 30 @ Hawthorne
- ◇ Repaired 4 services and updated 4 services
- ◇ Made 5 valve box repairs
- ◇ Replaced 1 fire hydrant
- ◇ Raised 2 meter pits
- ◇ Made repairs to meter pits throughout the system due to winter wear and tear
- ◇ Filled digs up with needed materials to get through the winter season
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Plowed snow in Area 1
- ◇ Assisted the Customer Service Department where needed
- ◇ Assisted with Inventory stocking and recording
- ◇ Assisted the Street Department where needed
- ◇ Total Locates performed 445, 26 were emergency call requests and 6 were Contractor Assisted
- ◇ 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; 60 Inspections, 28 Compliance letters sent and 204 devices tested and data Entered

## Customer Service

CSFT responded the following requests/services:

- ◇ Responded to 1 discolored water call
- ◇ Changed 191 meters
- ◇ Meters repaired 3 and raised 2 meter pits
- ◇ Service applications 308
- ◇ Account finals 143
- ◇ Turn-off for non-payments 301
- ◇ Check meter readings 59
- ◇ Completed work orders 338
- ◇ Blue tags for return service 42
- ◇ Zero Consumption Runs 27
- ◇ UBO radioed 437 requests to CSFT's
- ◇ 159 MXU Radio Readers installed
- ◇ Our 3 Service Techs drove an average of 157 miles per day this month