

# Lafayette Water Works Plant

Water Our Most Precious Resource

JULY 2012

FILED  
CITY CLERK

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## Operations

### **Canal**

- Replaced hypo generator water filters
- Replaced water meter dial on fluoride system
- Cleaned greensand filter mechanical head parts and permanganate float

### **Glick Station**

- Replaced online cl2 analyzer probe tip
- Replaced water meter dial on fluoride system
- Picked up salt for softener

### **CPHSS**

- Cleaned Cl2 day tank
- Repaired Gen-Set fence

### **Elevated Towers**

- Checked on possible monochloramine analyzer standby problem
- Cleaned bugs out of the valve room and storage room at Haggerty and Plaza South

### **MISC.**

- Assisted customer service with disconnects
- Took acid from Canal to Glick
- Developed water shortage contingency plan
- Cleaned inside and out and reorganized tools on truck #421
- Replaced indicator light globes on the air stripper
- Cleaned bugs out of the air stripper

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 111 this month.

**Average pumping:** 13.9mgd

**Maximum Pumping:** 15.5mgd

**Minimum Pumping:** 11.6mgd

## Lab

Monthly NPDES Report  
Monthly Cl2 Report  
Monthly MRO Report  
Monthly Total Coli form Report  
Collected 10 samples and tested for Water Quality Control Parameters for Pb-Cu Report  
Collected and tested Canal and Glick wells (raw water) for bacteria  
Collected 3<sup>rd</sup>Qtr. POE Nitrate/Nitrite Testing  
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 Canal Wells #7 and # 8  
Collected 3<sup>rd</sup> Qtr. POE SOC's  
Collected 3<sup>rd</sup> Qtr. POE TTHM/HAA5

## Maintenance

### **Canal**

- Replaced cracked and leaking pressure relief valve on Sodium Hypo unit

- Installed new bathroom paper dispenser in Operations Bathroom
- General cleaning duties
- Repaired bulk water valve
- Inspected and cleaned all well drain back valves
- Performed auto gate inspections
- Maintenance on sand filters and softener
- Checked all well run levels

### **Glick Station**

- Inspected and cleaned all well drain back valves
- Checked all well run levels
- Trouble shoot AC unit problems, condenser compressor out, warranty repair
- Installing non-slip tape on ladder rungs at wells

### **CPHSS**

- Trouble shoot # 4 problem, replaced phase monitor relay and valve open fuse
- General cleaning
- Bi weekly inspections

### **Elevated Towers**

- Monthly inspections
- Ground lighting repairs, new wire pulled to five fixtures
- Replaced transformer on ground light at Plaza Tower
- Repaired Dehumidifier at Haggerty Tower

**MISC.**

Helped Customer Services  
with disconnects and meter  
replacement  
Cleaned and organized  
maintenance vehicles

**Construction**

- ◇ Repaired 4 broken mains
- ◇ Installed 11 new services
- ◇ Installed three 1" irrigation meter
- ◇ Updated 6 services and made 4 repairs to services
- ◇ Replaced 2 hydrant and preformed maintenance on 1
- ◇ Made 4 valve box repairs
- ◇ Preformed 9 side taps
- ◇ Run off work orders
- ◇ Locates
- ◇ Saw Cut Holes
- ◇ Dirt work
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Total Locates performed 914, 43 were emergency call requests and 2 service runs
- ◇ Our Water Facility Inspector assisted Contractors and our Construction crew with the North Street repaving project
- ◇ Backflow Technician performed 21 inspections, entered 78 inspections and sent 9 letters of compliance

**Customer Service**

CSFT responded the following requests/services:

- ◇ 2 Discolored water call
- ◇ Changed 2 meters
- ◇ Tested 4 meters
- ◇ 1 Meter repaired
- ◇ 1 pit cleaned out
- ◇ Service applications 410
- ◇ Account finals 207
- ◇ Turn-off for non-payments 344
- ◇ Check meter readings 76
- ◇ Completed work orders 204
- ◇ Blue tags for return service 59
- ◇ Zero Consumption Runs 8
- ◇ UBO radioed 481 requests to CSFT's
- ◇ 2 MIU Radio Readers installed and 0 MXUs
- ◇ Our 3 Service Techs drove an average of 177 miles per day this month