

Lafayette Water Works Plant

Water Our Most Precious Resource

JULY 2013

Operations

Canal

- Replaced ¾" valve on Ammonia mixing tank fill line
- Plumbed new 2" valve on Phosphate mixing tank
- Fixed computer problem
- Replaced filter on hypochlorite generator
- Installed new gasket on brine tank
- Pressure-washed loading dock for painting
- Refilled water in Genie man-lift batteries

Glick Station

- Replaced 2" influent valve on Cl2 storage tank fill line
- Plumbed new 2" valve on Phosphate mixing tank fill line

CPHSS

- Fixed computer problem

Elevated Towers

- Fixed phone line problem at Union Street

MISC.

- Meeting with State Inspector on Fluoride
- Meeting with Water Solutions Unlimited
- Cross-trained operator on first shift duties
- Cross-trained operator on lead and copper sampling
- Cross-trained operator on bacteria sampling

- Cross-trained operator on Fluoride weekly sampling
- Updated backyard meter locations book
- Assisted with Stage 2 Well Head Protection
- Repaired topper door on service truck #416
- Gathered information for our hydro-geologist
- Picked up parts to improve feed tank cleaning procedures
- Made copies of updated map books for evening service tech

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 3rdQtr. 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 3rd Qtr. POE SOC"s
- Collected 3rd Qtr. POE TTHM/HAA5

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 168 this month.

Average pumping: 8.1mgd

Maximum Pumping: 9.2mgd

Minimum Pumping: 7.2mgd

Maintenance

Canal

- In electric room Changed bad ballast, and light bulbs, cleaned area as well
- Repaired leak on fluoride system
- Took down crane hoist
- Checked all drain backs
- Replaced sump pump float switch on Well #1
- Replaced leaking 3' hose clamp on sodium hypo tank line
- Replaced light bulbs in Administration building
- Worked on bathroom exhaust vents in Administration building
- Replaced belly band heater on ac unit in Maintenance building
- Repaired threshold plate front door Shipping and Receiving building
- Replaced clock batteries

Glick Station

- Repaired CL2 leak
- Cleaned all well vaults

CPHSS

- Worked on #1,#4 pumps 6 amp fuse tripping

Elevated Towers

- Fixed photo cell at H.L.E.T.
- Monthly tower inspection
- Flushed out transducer lines, and replaced malfunctioning ones

MISC.

- Washed and organized trucks
- Routinely checked all Water Works locations
- Replaced ac unit air filters at all locations
- Data entry work
- Checked and ran all gen-sets
- Picked up new freezer then took old freezer to the be recycled
- Took recyclable card board to be recycled

Construction

- ◇ Installed 20 new services
- ◇ Completed 2 drop-in services
- ◇ Updated 3 service]
- ◇ Completed 7 repairs to meter services
- ◇ Repaired 4 broken mains
- ◇ Replaced 3 hydrants, repaired 2 and painted 1
- ◇ Performed 3 hydra stops for the Durkees Run Project
- ◇ Abandoned 1 service at 2038 Hall Street
- ◇ Assisted WPCD on Valley Street
- ◇ Ran off and/or verified work orders
- ◇ Verified meter info as needed
- ◇ 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 1012, 40 were emergency call requests, 5 Contractor assistance, 1 service run
- ◇ Backflow/Cross Connections Inspector received 55 Inspections, Logged 289 tests and sent 11 reminder notices
- ◇ Water Facility Inspector attended 3 Pre-Construction meetings, gathered meter information and assisted our Locators, signed off on City Bus Terminal, completed all testing and hard flush for Lafayette Community Bank, charged line at Hawthorne Gardens Phase II, shutdown for Milestone to tie-in at Market Square for south shopping center and then turned back on, surveyed valves for shutdown at Lafayette Square for fire line installation and completed a hydrostatic and bac-t test for Shurman Lange Warehouse on CR 400 South

Customer Service

CSFT responded the following requests/services:

- ◇ Changed 359 meters
- ◇ Repaired 5 meters
- ◇ Tested 2 meters
- ◇ Service applications 445
- ◇ Account finals 251
- ◇ Turn-off for non-payments 358
- ◇ Check meter readings 77
- ◇ Completed work orders 196
- ◇ Blue tags for return service 61
- ◇ UBO radioed 493 requests to CSFT's
- ◇ We installed 359 MIU
- ◇ Completed 129 Zero Consumption work orders
- ◇ Our 3 Service Techs drove an average of 172 miles per day this month