

Lafayette Water Works Plant

Water Our Most Precious Resource

OCTOBER 2013

Operations

Canal

- Cleaned chemical feed room for tour
- Assisted with Purdue tour
- Replaced Phosphate mixing timer
- Removed old stuck on gasket and installed new gasket for the pressure blow off hatch on the brine tank
- Replaced hypo skid water filters

Glick Station

- Replaced Phosphate mixing timer
- Applied protective coating on brine tank pad
- Precut tar paper pads for brine tank
- Dug 10" trench around brine pad and added gravel for weed control
- Cleaned Fluoride tanks
- Replaced housing gasket on the chlorine transfer pump

CPHSS

- Maintained

Elevated Towers

- Maintained

MISC.

- Assisted Customer Service with disconnects
- Finalized drawing on brine tank
- Ordered quartz filter bed rock and fasteners for brine tank
- Fence quotes for brine tank
- Quote for off-loading brine tank

- Created screen pages for new SCADA
- Worked on other new SCADA items
- Meeting with chemical feed company
- Safety training with chemical feed company

Lab

- Monthly Cl₂ Report
- Monthly MRO Report
- Monthly Total Coliform Report
- 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 Canal Wells #7 and # 8
- Change pH Probe solution and buffers for probe calibration for pH meter
- Filled NaF test vials for Canal and Glick
- Collected 43 VOC's samples at Glick Well Field for WHP
- Help give the Purdue tour on two days
- Charge and cleaned peristaltic pumps for testing

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 158 this month.

Average pumping: 8.4mgd

Maximum Pumping: 9.4mgd

Minimum Pumping: 7.4mgd

Maintenance

Canal

- Changed overhead garage lights in Administration building
- Installed new PSI gauge valve on #5 pump
- Winterized all Wells
- Replaced light bulbs in Administration office
- Installed hand dryer splash plate in women's restroom
- Installed new toilet seat and wax ring in restroom, Shipping and Receiving building

Glick Station

- Cleaned and flushed out roof drains
- Took estimates for new roof on building
- Winterized all Wells

CPHSS

- Installed new boiler pop off valve
- Put used pump #6 and impeller in proper location
- Closed windows in pump room for winter
- Replaced circulation motor for boiler

Elevated Towers

- Turned on heaters and heat tapes for all water towers
- Installed new heater in Fairgrounds water tower
- Installed new security lights for Union water tower

MISC.

- Checked all locations periodically

- Purchase materials for Well winterizing
- Ran Gen-sets at all locations
- Assisted Facilities Locator
- Made purchase request out for various items
- Assisted with broken water main
- Working on blowing out irrigation systems at various city locations
- Work on telecommunications and batteries at Water Towers and Wells
- Recycled light bulb's
- Made sure heaters are working at all Water Works locations

Construction

- ◇ Installed 17 new services with 1 – 1" service
- ◇ Updated 3 service
- ◇ Completed 11 repairs to meter services
- ◇ Repaired 3 broken mains
- ◇ Repaired 2 hydrants
- ◇ Performed 1- 10" hydra stops
- ◇ Completed 4 side taps
- ◇ Assisted Contractor with Union Street sidewalk project
- ◇ Assisted Parks Department with work being done at the Train Depot at the Zoo
- ◇ Completed Fall Flushing of fire hydrants
- ◇ Fire Hydrant repairs and maintenance due to Flushing
- ◇ Completed Bac-T testing, line charging and water turn ons for new commercial buildings
- ◇ 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 975, 30 were emergency call requests, 15 Contractor assistance, 9 service run
- ◇ Backflow/Cross Connections Inspector received 61 Inspections, Logged 234 tests and sent 4 reminder notices

- ◇ City Irrigation systems have all been prepped for winter weather

Customer Service

- CSFT responded the following requests/services:
- ◇ 8 discolored water calls
 - ◇ Changed 395 meters
 - ◇ Raised 3 pits
 - ◇ Cleaned out 1 meter pit
 - ◇ Service applications 333
 - ◇ Account finals 196
 - ◇ Turn-off for non-payments 412
 - ◇ Check meter readings 89
 - ◇ Completed work orders 196
 - ◇ Blue tags for return service 47
 - ◇ UBO radioed 472 requests to CSFT's
 - ◇ We installed 395 MIU and 25 MXU readers
 - ◇ Completed 45 Zero Consumption work orders
 - ◇ Our 3 Service Techs drove an average of 153 miles per day this month