

Lafayette Water Works Plant

Water Our Most Precious Resource

FEBRUARY 2013

Operations

Canal

- Replaced lens cap on Chlorine analyzer probe
- Assisted maintenance with installation of a variable 4-20mA amplifier for chlorine pump frequency drives
- Replaced water filters on sodium hypochlorite generator
- Ran test on newly installed 4-20mA amplifier with wells
- Cleaned up feed pumps and feed room
- Installed new fitting to repair water leak on Chlorine analyzer
- Flushed and calibrated fluoride and chlorine analyzers
- Changed well pump matrix to run only Glick Well Field

Glick Station

- Replaced lens cap on Chlorine analyzer probe
- Removed broken shut-off valve and re-plumbed on chlorine analyzer

CPHSS

- Replaced lens cap on Chlorine analyzer probe
- Flushed and calibrated chlorine analyzer

Elevated Towers

- Installed repaired chlorine analyzer at Haggerty Tower
- Repaired gate lock at Plaza South Tower

MISC.

- Started first phase on the acid washing of the air-stripper

- Meeting to introduce us to a new sodium hypochlorite generation system
- SACAD design meeting
- Meeting with chemical reps
- Rebooted SCADA system

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 137 this month.

Average pumping: 8.2mgd

Maximum Pumping: 8.9mgd

Minimum Pumping: 7.4mgd

Lab

- Monthly Cl₂ Report
- Monthly MRO Report
- Monthly Total Coliform Report
- Collected and tested 60 distribution samples for TCR Report
- Collected and tested 4 distribution Fluoride split samples for State NaF Report
- Collected samples for air stripper influent and effluent and Canal #7 and # 8
- Collected samples and tested Glick # 5 for VOS's
- Installed new ph Probe and recalibrated meter plus change buffers
- Updated CCR Report for Town of Dayton
- Collected and tested Quarterly TTHM/HAA5
- Completed 2013 Lab Files

Maintenance

Canal

- Cleaned and lubricated locks at outside doors due to freezing
- Worked on bulk water supply outlet, due to freeze up and parts needing replaced
- Worked with Culligan on water softener issues
- Unclogged floor drains in meter inventory room
- Installed new CL₂ calibration control, for CL₂ hypo unit
- Worked on boiler unit, installed new flame heat sensor, relief and glow igniter
- Lubricated garage door tracks
- Replaced and adjusted auto flush valves in Administration building
- Fixed leaking faucet in break room
- Installed pressure tank on water softener system

Glick Station

- Replaced new O-ring on leaking check valve on CL₂ line
- Checked and adjusted packing on wells, as needed

CPHSS

- Checked bearings on pumps and motors
- Cleaned restroom

Elevated Towers

- Installed new battery at PSET
- Checked vaults for leaks

MISC.

- Checked and ran Gen-Sets at all locations

- Checked all water works locations periodically
- Did service disconnects for customer service department ,when needed
- Went to various supply vendors for materials for projects, etc.
- Worked on caucus and annual report
- Visited and got familiar at the new well field
- General cleaning per schedule
- Snow removal
- Changed furnace/AC filters
- Attended seminar on new CL2 hypo generation system
- Worked on emergency light testing

Construction

- ◇ Installed 8 new services and 1 drop in service
- ◇ Repaired 9 broken mains
- ◇ Updated 4 services with 1 emergency update
- ◇ Made 2 valve box repairs
- ◇ Performed 1 meter move out
- ◇ Made 1 hydrant repair
- ◇ Performed 1 – 1 ½” side tap at Jimmy Johns on Creasy Lane
- ◇ Ran off and/or verified work orders
- ◇ Plowed snow and salted city streets, Area 1 and 3
- ◇ Verified meter info as needed
- ◇ Hauled off several loads from the dump
- ◇ Saw Cut Holes, concrete work and dirt work
- ◇ Added cold patch to several dig-ups due to weather
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Total Locates performed 361, 44 were emergency call requests, 2 Contractor assistance and 1 service run
- ◇ Our Water Facilities Inspector performed 2 bacteria test and attended 1 pre-construction meeting, assisted Construction with cleaning the dump, assisted Contractors and gathered needed meter information
- ◇ Backflow Technician log 313 tests results, received 54 inspections

and sent 11 letters of compliance

Customer Service

CSFT responded the following requests/services:

- ◇ Changed 161 meters
- ◇ Repaired 3 meters
- ◇ Raised 1 meter pit
- ◇ Service applications 248
- ◇ Account finals 118
- ◇ Turn-off for non-payments 363
- ◇ Check meter readings 75
- ◇ Completed work orders 193
- ◇ Blue tags for return service 53
- ◇ Zero Consumption Runs 42
- ◇ UBO radioed 443 requests to CSFT’s
- ◇ 161 MIU Radio Readers installed
- ◇ 14 MXU’s installed
- ◇ Our 3 Service Techs drove an average of 172 miles per day this month