

Lafayette Water Works Plant

Water Our Most Precious Resource

SEPTEMBER 2013

Operations

Canal

- Cleaned Phosphate Mixing Tank and installed dual propellers
- Cleaned Hypochlorite unit and replaced filters
- Repaired check valve on ORA-CLE pumps
- Cleaned inlet strainer on ORA-CLE pumps
- Power washed lab rugs
- Power washed brine tank dike

Glick Station

- Installed dual propellers on PO4 Mixing Tank
- Repaired leak on Cl2 day tank

CPHSS

- Cleaned A/C and SCADA Panel air filters
- Skimmed top of reservoir into Park lagoon

Elevated Towers

- Overflowed and recalibrated all water towers level controls

MISC.

- Adjusted matrix time set points for getting more flexing of elevated tanks and reservoir levels
- Replaced GPU in both Primary and Secondary SCADA computers
- Held meeting on Glick Brine Tank, Air Scrubber cleaning, and new SCADA phone lines
- Phosphate meeting
- SCADA discussions
- Assisted Customer Service Dept.

- Cleaned office area
- Assisted with water tower analyzer maintenance
- Organizing equipment folders
- Researching SCADA equipment
- Filled in for Lab Tech with Daily Lab and Distribution Bacteria sampling

Lab

- Monthly Cl2 Report
- Monthly MRO Report
- Monthly Total Coliform Report
- Collected samples for MUCR3 and shipped out to Lab
- 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 10 samples for Lead and Copper report

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 139 this month.

Average pumping: 10.8mgd

Maximum Pumping: 8.5mgd

Minimum Pumping: 13.8mgd

Maintenance

Canal

- Worked on sodium hypo CL2 unit
- General cleaning
- Installed new ups backup battery for shipping and receiving for PC
- Repaired cover plate to #5 well discharge pipe
- Removed disconnect and conduit to old crane hoist and outside extension bars
- Worked on #4 overhead garage door and repaired urinal in Administration building
- Attended water meter seminar

Glick Station

- Filled in sink hole well #5
- Worked on small and large air relief valves on well #5
- Put new 20 amp outlet in for w-1500 board in building
- Repaired leaks on roof with tar patch
- Cleaned roof drains and repaired urinal at building
- Cleaned pump and column pipes for well #5
- Trouble shoot well #4 ,pump failure

CPHSS

- Laser aligned pump 1 & 2
- Replaced bad fuse for pump # 1
- Gathered used impellers to take to BBC pump for repairs
- Checked roof for water leaks

Elevated Towers

- Drained and filled water towers after being painted
- Worked on FGET clay valve as SCADA was showing malfunction
- Installed new light bulbs to USET inside ladder
- Took paint to USET for contractors
- Worked on data communications problems at FGET
- Installed new battery for FEWT for w-1500 board

MISC.

- General fueling and washing of vehicles
- General data entry PC work
- Assisted painters at USET
- General checking of all Water Works facilities and distribution system
- Replaced surge protector
- Picked up traffic light bulbs from Kirby
- Attended Health and Wellness Fair

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
- ◇ Organized for Fall Flushing of fire hydrants
- ◇ Attended City Health Fair and monthly Safety Meeting
- ◇ Removed several fire hydrant markers due to age
- ◇ 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 700, 26 were emergency call requests, 20 Contractor assistance, 1 service run
- ◇ Backflow/Cross Connections Inspector received 53 Inspections, Logged 241 tests and sent 7 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:
- ◇ 2 discolored water calls
 - ◇ Changed 260 meters
 - ◇ Repaired 3 meters
 - ◇ Tested 3 meters
 - ◇ Raised 2 pits
 - ◇ Service applications 314
 - ◇ Account finals 150
 - ◇ Turn-off for non-payments 359
 - ◇ Check meter readings 59
 - ◇ Completed work orders 199
 - ◇ Blue tags for return service 56
 - ◇ UBO radioed 386 requests to CSFT's
 - ◇ We installed 250 MIU and 46 MXU readers
 - ◇ Completed 20 Zero Consumption work orders
 - ◇ Our 3 Service Techs drove an average of 150 miles per day this month