

Lafayette Water Works Plant

Water Our Most Precious Resource

JUNE 2013

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CITY CLERK

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Operations

Canal

- Removed obstruction in Cl2 analyzer flow sensor
- Replaced filters on Sodium Hypochlorite Generator
- Pressure washed loading dock ceiling
- Cleaned Fluoride settling tank

Glick Station

- Rebuilt Fluoride pump check valves

CPHSS

- Cleaned SCADA Panel air filter
- Cleaned A/C unit air filter
- Cleaned and re-calibrated Cl2 Analyzer
- Reset motor timers
- Replaced UPS backup on SCADA PC

Elevated Towers

- Worked on Cl2 analyzer at Haggerty Tower
- Replaced Cl2 analyzer membrane caps at Plaza South Tower
- Blew-off water level transducer at Union Street Tower

MISC.

- Replaced security cap on Outfall
- Inspected filter medium in Air Stripper
- Compiled all recent water chemical additive changes with dates
- Developed analyzer maintenance logs for each location

- Developed feed pump maintenance logs for each location
- Update 4-20 mA schematics
- Meeting with outside Lab Company
- Meeting with chemical feed company
- Defrosted and cleaned lab freezer
- Stored previous years paperwork for Operations
- Stored old SCADA computer parts
- Ongoing Operations Foreman cross-training
- Assisted Duke with downed power line at the air-scrubber
- Sent CCR Report and Certification Letter to IDEM
- Tested Canal and Glick Wells for Iron and Manganese

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

Average pumping: 8.9mgd

Maximum Pumping: 10.6mgd

Minimum Pumping: 6.7mgd

Maintenance

Canal

- Replaced toilet seat, Maintenance bldg
- Completed maintenance on a/c unit in Maintenance bldg
- Changed gen-set oil and filters on both #1 and #2 units
- Completed annual well motor oil change on all wells
- Repaired hand dryer in Maintenance bldg restroom
- Changed all chemical feed pump oil's and air compressor unit oil's
- Finished Monthly Well Condition report
- Installed rubber expansion joint on well C-10
- Installed 8" overboard testing valve on well C-7
- Checked and ran both gen-sets
- Monthly MRO Report
- Monthly Total Coliform Report
- Monthly Cl2 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 #4 & 5 for VOS's
- Collected 20 Water sample and Tested for WQ Report for IDEM
- Collected POE Samples for Nitrate/Nitrite for IDEM
- Reinstalled lid on Outfall discharge pipe at Glick Well Field

Glick Station

- Repaired CL2 main feed line at corp
- Fixed communication problems on well G-2
- Used black roofing tar on leaking roof
- Repaired men's urinal
- Changed all well motor oil and chemical feed pump's oil as well
- Finished well condition report
- Worked on a/c unit

CPHSS

- Changed air compressor oil
- Checked roof for leaks
- Checked and ran gen-set

Elevated Towers

- Routinely checked all locations

MISC.

- Took used oil and filters to Fleet
- Routinely check Water Works facilities
- Received new truck 424 from Fleet
- Washed and fueled Maintenance vehicles
- Took truck 423 to have tail light fixed

Construction

- ◇ Installed 10 new services
- ◇ Completed 2 drop-in services
- ◇ Repaired 1 broken main
- ◇ 1 hydrant replaced at Farrington Ave
- ◇ 1 - 6" hydra stop and 1 new 6" valve
- ◇ Made 1 valve box repair
- ◇ Performed 1" tap for new Storm Water building

- ◇ Updated 6 meter services and moved out 2
- ◇ Made 2 service repairs and 2 repairs due to Contractor hits
- ◇ Retired 1 old service at 4th & Alabama
- ◇ Lowered 1 curb box
- ◇ Assisted Customer Service with meter change outs
- ◇ Ran off and/or verified work orders
- ◇ Verified meter info as needed
- ◇ Hauled off several loads from the dump
- ◇ Cleared debris from hiking trail
- ◇ Switched tools from truck 408 to 407
- ◇ 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 858, 21 were emergency call requests, 3 Contractor assistance, 2 service run
- ◇ Backflow/Cross Connections Inspector received 54 Inspections, Logged 290 tests and sent 7 reminder notices
- ◇ Water Facility Inspector attended Pre-Construction meetings, painted hydrants, gathered meter information and assisted Contractors where needed.

Customer Service

CSFT responded the following requests/services:

- ◇ Changed 718 meters
- ◇ Raised 1 meter pit
- ◇ Service applications 355
- ◇ Account finals 204
- ◇ Turn-off for non-payments 401
- ◇ Check meter readings 83
- ◇ Completed work orders 259
- ◇ Blue tags for return service 45
- ◇ UBO radioed 485 requests to CSFT's
- ◇ 33 MXU's installed
- ◇ We installed 704 MIU
- ◇ Our 3 Service Techs drove an average of 183 miles per day this month