

Lafayette Water Works Plant

Water Our Most Precious Resource

NOVEMBER 2012

Operations

Canal

- Cleaned Chlorine and Fluoride analyzers
- Assisted IT Dept. with network problem in Operations Building
- Assisted IT Dept. with tracing fiber optic lines between Operations and Admin buildings
- Assisted with Construction Foreman computer problem
- Hosted seminar for visiting Water Works Companies

Glick Station

- Cleaned Chlorine and Fluoride analyzers
- Corrected 4-20mA setting on Chlorine feed pump
- Received budget pricing for Sodium Hypo project

CPHSS

- Cleaned Chlorine Analyzers
- Swept and mopped Office, Control room and restroom
- Cleaned SCADA panel air filter
- Cleaned, swept and mopped sample room and dust mopped pump room
- Assisted with business computer problem

Elevated Towers

- Cleaned Chlorine and Mono chlorine analyzers
- Trouble shot Plaza South Tower Chlorine analyzer problem

- Replaced chlorine analyzer probe cap
- Assisted with manufacture's analyzer service

MISC.

- Ordered replacement feed pump parts
- Investigated valve replacement options
- Collected data for Glick Well 5 presentation
- Assisted Customer Service Dept. with disconnects
- Compiled and sent information to IDEM for Glick Well 5 production
- Met with hydro-geologist
- Compiled information needed to close the file on the NPDES permit for the Glick Well 5 discharge water going to the river

After hours and weekend service request calls that are handled by our System Operators and On-Call personal totaled 125 this month.

Average pumping: 7.3mgd

Maximum Pumping: 9.8mgd

Minimum Pumping: 5.1mgd

Lab

- Monthly NPDES Report
- 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 effluent 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 WHP
- Started Stage 2 DBPR by adding 3 new test sites to report to IDEM
- Collected 4 distribution samples and tested THMM,s/Haa5 Report

Maintenance

Canal

- General cleaning
- Repaired leaks on Cl2 pump discharge line
- Repaired leaks on Hypo Unit
- Repaired Main Air relief in Hypo room
- Repaired leaks on discharge line from Re-Ox pumps
- Repaired tile in Administration building

Glick Station

- Repaired non-slip tape on rungs at Glick well towers
- Replaced RTU battery at Lick 3
- Installed new spool and dresser coupler on 12" discharge at Glick 5
- Installed new Cl2 pump
- Worked with contractor on repairs to Glick 1 discharge line

CPHSS

- General cleaning
- Adjusted needle valves on all six pumps

Elevated Towers

- General cleaning
- Installed new bulbs above entrance door at Hagerty Lane water tower

MISC.

- Bi-Weekly inspections
- Ran Gen-Sets
- Distributed salt containers at all water facilities
- Cleaned, organized and fueled maintenance vehicles

Construction

- ◇ Installed 10 new services
- ◇ 4-6", 1-12" and 1-2" broken main repairs
- ◇ Updated 10 services and moved 5 inside meters to new outside pits
- ◇ Made 1 valve box repair
- ◇ Repaired 3 leaks
- ◇ Raised 1 meter pit
- ◇ Retired 1-1" old line at 3rd and Cincinnati Streets
- ◇ Made a line repair at 217 Farabee due to contractor hitting line
- ◇ Assisted Locator
- ◇ Attended to 1 low pressure call
- ◇ Ran off and/or verified work orders
- ◇ Saw Cut Holes, concrete work and dirt work
- ◇ Cleaned and organized trucks and trailers
- ◇ Performed needed maintenance on vehicles and equipment
- ◇ Total Locates performed 673, 39 were emergency call requests and 1 was Contractor assistance
- ◇ Our Water Facility Inspector performed 6 hydrostatic test and 6 Bac-T tests, 1 hard flush and 1 well separation, attended 1 pre-construction meeting
- ◇ Backflow Technician logged 197 tests results, received 73 inspections and sent 7 letters of compliance

Customer Service

CSFT responded the following requests/services:

- ◇ 2 Discolored water call
- ◇ Changed 33 meters
- ◇ Repaired 3 meters
- ◇ Service applications 303
- ◇ Account finals 138
- ◇ Turn-off for non-payments 233
- ◇ Check meter readings 101
- ◇ Completed work orders 199
- ◇ Blue tags for return service 49
- ◇ Zero Consumption Runs 34
- ◇ UBO radioed 374 requests to CSFT's
- ◇ 33 MIU Radio Readers installed
- ◇ 35 MXU's installed
- ◇ Our 3 Service Techs drove an average of 170 miles per day this month