

Lafayette Water Works Plant
Water: Our Most Precious Resource
January-22

Operations

Canal

Got with Maintenance on Canal 10 drainback leak and ice buildup
Operators assisted with salt delivery for on-site generator
Replaced Clor-Tec unit water filters

Glick Station

Checked on Glick 2 cleaning and overboard progress by Ortman Drilling
Assisted Maintenance with SCADA during Glick 4 repair

CPHSS

Met with Maintenance techs at Col. Park for Gen-Set servicing cross-training
Assisted Parks Dept. with tree that fell over reservoir fence

Elevated Towers

Assisted Maintenance with SCADA during Union tower micro switch replacement

MISC

Rereading old emails on chemical feed upgrade project to get info for pump supplier
Got with IT on recovering old project spreadsheets from emails
Got with GRW Engineering to resend older flow rate spreadsheets
Meeting with WW staff on chemical feed project progress
Meeting with superintendent on mono/ammonia analyzers and chemical feed project
Got with BL Anderson on sole-source docs and timeline of project completion
Completed HireRight forms
Got with Hach rep on overnight shipping fees we did not authorize
Got with BL Anderson on project progress and getting quotes on things over \$500
Got with lab tech on filing away previous years operations/lab files
Working on bi-annual source-water documentation for dialysis clinics
Worked with Maintenance on chemical resistant pump flanges and ordering
Got with pump supplier and provided flow rate data for determining pump RPM/gearboxes
Got with Bowen Engineering on SCADA upgrade and Murdock Park integration progress
Got with IT on screensavers and lockouts for SCADA clients
Assisted IT with Murdock Park security camera info for planning of switches and ports
Ordered chemical resistant flanges to replace corroded ones on one feed pump
Got with IT on primary SCADA HMI server failure and power outage at Fire Station
Meeting with Purchasing Manager on Hach contract, hydrogen sensors, feed upgrade, etc.
Began working on DNR report, correcting formatting, etc.
Assisted Bowen Engineering with Murdock SCADA screen features questions, etc.
Meeting with Chief and Superintendent on shift filling during Operations staff shortage
Reviewed Bowen's comments on Murdock SCADA planning to plan for future meeting
Took truck #433 to Fleet for service
Assisted utility locator with McCarty and Earl Ave locates
Reached out to pump skid manufacturer and received sole-source documentation
Reached out to tank supplier for sole-source documentation
Got with Superintendent and IT on SCADA cyber-security email from State
Cross-training other WW personnel on day shift Operations
Meeting with lab tech to go over IDEM testing framework for 2022
Worked with operators on chlorine/pH analyzer calibration procedures
Operators got with ProMinent on analyzer calibration procedures
Got with GRW Engineering on flow rate spreadsheets for ammonia and oracle feeds
Meeting with Mayor and snow plow supervisors on winter storm
Ongoing effort to keep shifts filled amidst severe staffing shortage due to retiring, etc.

161 After hours and weekend service request calls that are handled by our System Operators and On-Call personnel.

***A*verage pumping: 8.7 mqd**
***M*aximum Pumping: 10.2 mqd**
***M*inimum Pumping: 7.0 mqd**

Lab

Monthly MRO report and Coliform report.
Extra cleaning done in lab.
Made NaF Reagents.
Collected & tested 70 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Data entry work entered.

Maintenance

Canal

Cross training employees from other divisions
Clean pump strainers in pumps at chemical feed building
Replace Sloan parts on toilet Admin. Building
Chlorine leak repair
Furnace repair Admin. Building
North gate repair
Removal of debris in furnace duct in Admin. Building
Gather info on possible heater selection for towers
Fixed drainback in the vault on well #10
Replaced heat tape on well#5
Worked on South entry gate
Worked on Heating in the operations building (Extreme cold weather)
Checked all heat tapes on wells extreme cold weather
Worked on Canal well #3 and #4 froze up due to extreme cold weather
Rec'd in salt shipment for operations due to short staff

Glick Station

Changed hose in Oracle pump.
Replaced part on the Fluoride pump
Winterize wells 1 and 2
Re-winterized well #2 after worked on
Cleaned flow meter weekly 2.5 hours
Re-Winterized Well #1 after worked on
Assisted in the Overboard well #2 after Ortman worked on it
Well #4 air relief valve repair
Replaced heat tape well #4
Replaced hose in Chlorine pump
Well #2 platform GFI replacement for heat tapes

CPHSS

Cleaned park building
Reservoir west door alarm sensor replaced
Repair heater in the Genset at park location

Water Towers

Direct wire the electrical heater at union
Changed out 3 micro-switches in the vault (union tower)
Worked on the electrical heater (Fan) Fairgrounds tower
Snow removal at all towers
De-ice locks on steel towers

MISC

Monthly fire extinguisher checks at all water works locations (Monthly)
Monthly boiler checks at all water works location (Weekly)
Weekly cleaning of the operation building every Thursday (Weekly)
Running of several fleet vehicles to and from Fleet Maint.
Checking of oil in all Maint. Vehicles
Running of all Generators at the Park and Canal Road location (weekly)
On call rotation of employees for snow removal
Defoew Estimate for operation vehicle that was wrecked
Snow Removal from all sidewalks at main plant and all outer location/towers

Construction

Installed 15 New Water Services
Repaired 17 Broken Water Mains
Repaired 1 Fire Hydrant
Repaired 1 Meter pit
Updated 1 Water service/ Disconnected sprinkler system in the pit
Made 2 Service taps
Hauled concrete for Parks Department
Cleaned and Sanitized breakroom/ Organized work trucks, backhoes and dump trucks
Safety Training for Jan. Night Work/Snow plow safety/Extreme cold weather safety

Total Locates performed-806, 45 were emergency calls.

Water Facility Inspector

Attended 0 Precon meetings
Assisted Customer Service thawing meters
Laserfishing files
Filled Main Line 1
Worked on punch list
Performed 9 bacteria test
Turn off 3
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
21 site inspections
Performed 0 meter pit/ meter inspections
Turn on 3
Hard Flush 0
Witnessed 3 hydrostatic test
Witnessed Dechlorination 3
Witnessed Chlorination 1
Fire Hydrant inspections 14
Flushed Main Lines 8

Backflow Inspector

Performed 2 Site Surveys
Performed 28 Inspections
Continuing to update BSI-Online
Covered Operations shifts
Delivered 2 Letters to Test
Performed 2 Well Separations
Worked on cleaning up the backflow portion of Laser fiche
Updated MyGIS and Arc-Map

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service Orders completed: 882
Meters changed: 7
Dials changed: 15
Customers Disconnected for non-payment: 109
Plowed a lot of Snow/ Cleaned - Sanitized bathroom upstairs and office area