

Lafayette Water Works Plant

Water Our Most Precious Resource

December-22

Operations

Canal

Removed fluoride solids and liquids from tanks for moving to secondary contaminant basin
Assisted with salt delivery
Cleaned dirty office keyboard
Assisted Maints with fluid transfers and getting new oracle tank in place
Operator removed secondary contaminant basins and pump skids from pallets and boxes
Ongoing work with Maints on chemical feed project installations
Meeting with BL Anderson on premature hose failure on Watson-Marlow pump
Worked with Maints on logistic ideas for tanks and wiring ideas for 4-20mA and power
Reached out to BL Anderson for threaded ball valve pieces missing from new pump skids
Removed old oracle day tank and moved and set new scale and day tank in place, filled with oracle
Cleaned up dock area to help with work being performed in feed room
Operators retrieved and washed out 55gal barrels for fluid logistics
Made parts list and tracked down parts at Menards with Maintenance tech
Planning ammonia/phosphate installation with Maints
Planning electrical wiring drops for oracle/ammonia/fluoride side of feed room
Went to Kirby Risk with Chief of Dist. for signal wire for feed project
Worked with Maints on installing oracle pump to skid and moving fluoride pump temporarily
Got black boxes out of feed room, operators replace old one at Glick
Measured building for amount of signal wire needed and planning conduit runs

Glick Station

Cleaned chlorine and fluoride analyzers

CPHSS

Cleaned chlorine analyzer and replaced membrane cap and electrolyte
Met Pat and Knox Roofing to assess roof

Murdock Park

Met Pat to check on electrical issues in bathrooms and tripped HVAC breakers
Meeting with Ron and Bowen on pipe labeling, building address numbers, and landscaping

Elevated Towers

Got with Steve and BF&S on PLC change-order for Wea tower
Call with BF&S on Wea tower analyzer change-order

MISC

Looked up catalog numbers and ordering info for analyzers and got with distributor
Meeting with Hach on ammonia analyzer reagents and restarting service plan
Completed November MRO and sent to State
Reached out to distributor for pump replacement part pricing
Got with IT on new pump skid O&M manual download issues
Prepared screenshots of SCADA for safety meeting training session
Followed up with Hach on outstanding quote and meeting follow-up
Emailed staff about Midco Diving cleaning reservoir over weekend, protocols
Conference call with Frakes Engineering on Canal pump relay project
Got pictures of analyzers at all locations
Searched internet for digital version of Vacon X4 drive manuals to send Frakes for pump relays
Followed up with BL Anderson on pump skid invoicing
Got with HP Thompson on ProMinent analyzer parts order
Reached out to Pelton sales staff about no response on Verder hose and lubricant orders
Assisted Joe Davenport with training slideshow
Master Plan meeting with Wessler Engineering
Mapped concrete caps and unfinished sidewalks at 6th, 7th, 8th St. for snow plowing

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

Average pumping: 10.6 mgd

Maximum Pumping: 11.4 mgd

Minimum Pumping: 9.7 mgd

Lab

Monthly MRO report and Coliform report.
Extra cleaning done in lab.
Ordered lab reagents.
Collected & tested 70 distribution samples for TCR Report.
Collected & tested 4 distribution Fluoride split samples for State NaF report.
Made NaF Reagents.
Preparing calendar for next year lab requirements.
Calibrating lab equipment.
2q

Maintenance

Canal

Run and inspect Gensets (Weekly)
Cleaning of Operations Building (Weekly)
Aquifer Depth (Weekly)
Checking of oil in Maint vehicles
Deliver hoses back to Renew
Hypo Gen leak repair made
Worked on new design and equipment in chemical feed room (Several Day project)
Repaired and redesigned chlorine line main feed
Ran for parts with Chuck R.
Checked all packing and heat tapes before big storm
prepped Snow plows for Storm
Changed heat tape on well #7
Ran and prepped all snow plows before big storm
Replaced hose in the phosphate pump canal
Replaced GFI on outside inventory building to charge trucks
Rebuild sub pump at the Operations building
Swapped out phosphate pump at canal
Drain oil and put hose back in Spare chemical feed pump
Replaced hose bib in the truck bay Administration Building

Glick Station

Cleaning of the flow meter (weekly/As requested)
tightened packing on Well #4 Glick
Worked on all Drain backs on wells (Yearly)
Worked on the packing for well #3
Ran barrels and other pumping equipment back to Glick pumping station
Replace hose in chlorine pump Glick
Changed out Chlorine platform Glick

CPHSS

Run and inspect Genset (Weekly)

Water Towers

Inspecting locations (Daily)
Unlocked Towers for Verizon to do their update
Checked all heaters in steel towers before the big storm

MISC

Boiler checks Weekly
Fire extinguisher checks Monthly
Transfer of Fleet vehicles as needed
Entering of the Caucus (monthly)
Snow removal from all locations as needed
Delivered Discharge hoses to Ortman in Kokomo
Escort Roofing companies to all locations for estimates for new roof Quotes
Requested to fill the Lagoon at the Columbian park
Escort Reliable exterminators to all locations (Monthly)
Jim F. and Holly J. was on City wide snow plow
Ran papers to City hall per Jen
Put windshield washing fluid in truck bay for plows during storm

Construction

Installed 13 New water services
Repaired 15 Broken water mains
Repaired 4 Fire Hydrants after being hit
Updated 5 water services to the main to remove lead
Made 1-6" tap and 1-8" tap
Made street,sidewalk,driveway and yard repairs after water main repairs
Cleaning and sanitized breakroom/organized work Trucks, backhoes, dump trucks and plow trucks
Safety training for December: snow plow and Extreme cold weather

Total Locates performed-1088, 68 were emergency calls.

Water Facility Inspectors

Attended 1 Precon meetings
Witnessed Bacteria Test 4
Laserfishing files
Assisted Construction Cleaning out valve boxes
Worked on punch list
Fire Hydrant Inspection 10
Flushed 8 systems
Worked on fire system forms
Reviewed Prints
Worked on cleaning up my job board
31 site inspections
Performed 8 meter pit/ meter inspections
Turn on 15
Dechlorination Witnessed 1
Hydrostatic Test 4
Turn offs 14

Backflow Inspector

Performed 18 Inspections
Continuing to update BSI-Online
Covered Operations Shifts
Reviewed Prints
Worked on cleaning up the backflow portion of Laser fiche
Witnessed 1 well separation
Shut off 6 water systems for emergency repairs
Thawed 3 meters
Responded to 15+ calls of frozen service lines
Updated MyGISmanager mapping

Customer Service

Customer Service Field Techs responded to the following requests/services:
Service orders completed :1036
Meter changed: 16
Customers disconnected for non-payment: 184