



Water sustainability goals achieved by bringing attention to fire protection system leaks

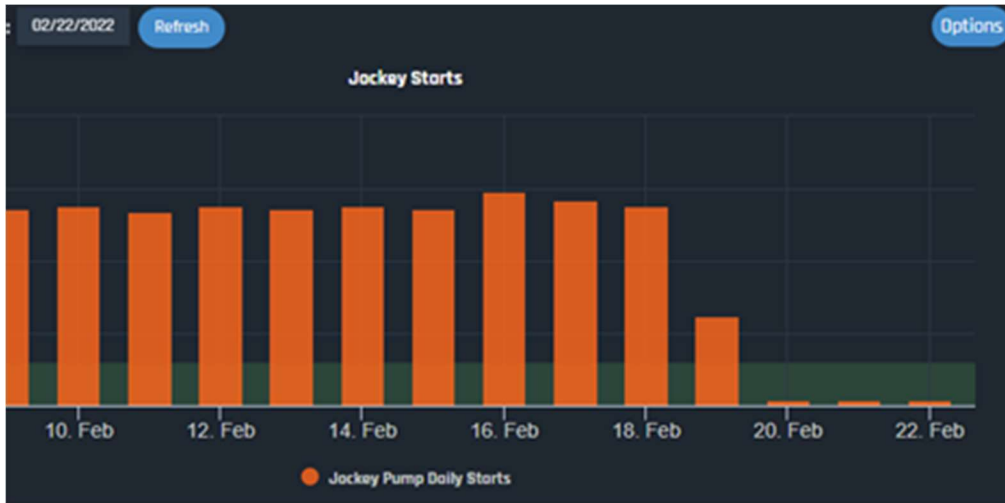
When it comes to life safety equipment, sustainability and efficiency are rarely considered to be overly important features. When you're dealing with fire protection systems pressurized by fire pumps, the question "will the system work when we absolutely need it" tends to be what matters most. Everything beyond that is considered ancillary, and often forgotten.

While it may not be top of mind when it comes to fire protection systems, water sustainability and energy efficiency can be achieved with relatively little effort, especially on older installations. Even though fire protection systems have historically been ignored for sustainability, many Facility Managers and Environmental Health & Safety (EHS) Managers still have sustainability goals that they are working to achieve in an effort to make their facilities more 'green'. FireConnect has proven that it can help facilities all over the world save millions of gallons of water, using the power of distance monitoring and data analysis.

A business innovation campus in Ohio has been monitoring their fire pump system with Peerless FireConnect for over one year now. In addition to the market leading data and information FireConnect is providing with regard to the fire pump system, FireConnect showed that their leaky pipes and valves were the root cause for losing 1000's of gallons of water per day, causing a significant environmental challenge for the otherwise very 'green' facility.

FireConnect brought attention to the site that their jockey pump was running over 70 times per day, for an average of 2.5 minutes, meaning they had a significant leak in their piping. Historically jockey pumps are rarely, often never, monitored. Visibility into total time flowing water is hardly reviewed, but with the FireConnect dashboard bringing this data front and center, it became clear the system had an issue and caused the facility to act. The result was a discovery of a very large pipe leak which has since been corrected.

Thanks to FireConnect this facility will save an incredible 1.1 million gallons of water, per year, and has cut their jockey pump starts from 70 times per day to just 2, saving a significant amount of electrical energy as well.



The local facility took their daily jockey pump starts from 70 per day to 2, saving roughly 3000 gallons of water day.