

# Field Smart Technology Lightens Laura's Losses

- Flooding from Hurricane Laura **halted power to 43 sewage lift stations**
- Winds up to 150 MPH; **storm surges of 15 feet**
- **Standing wastewater** created a public health crisis as well as an environmental hazard

Between 2017-2021, the US experienced 89 weather and climate disasters, with losses exceeding \$765 billion. 2020 set a *new record*, with \$22 billion in losses resulting from devastating weather events.

Hurricane Laura - which caused \$19 billion in damages - was one of those costly occurrences.

On August 27, 2020, Hurricane Laura ravaged the already weather-worn southwest region of Louisiana, making landfall as a Category 4 hurricane. Touching down just south of Lake Charles - a major petrochemical refining area - Laura pummeled this portion of the Pelican state.

Many roads were impassible, making it incredibly dangerous - if not impossible - for the city's recovery team to safely provide assistance.

Fortunately, Xylem Dewatering's Louisiana/Gulf Coast channel partner, Better Pumps and Solutions, provided stalwart Godwin pumps to all affected pump stations, enabling sanitary sewage flow to collection and wastewater treatment facilities, saving the local community from the pooled pollution.



< (left) Ravaged streets of Lake Charles, Louisiana  
August, 2020



Xylem's **Field Smart Technology** provided real-time, secure, remote management of their Godwin Pump fleet, ensuring the safety of all involved in this monumental salvaging effort.

With pump stations contained and secured, the focus quickly shifted to managing the criticality of each pump's performance, specifically:

- **wet well level**
- **fuel level**
- **engine and pump optimization**

*“Safe, expedient recovery and restoration (of the city) was our goal, and Xylem's **Field Smart Technology** - particularly its remote capabilities - aided us tremendously in that effort,” said Better Pumps and Solutions Vice President, Rob Lamm.*

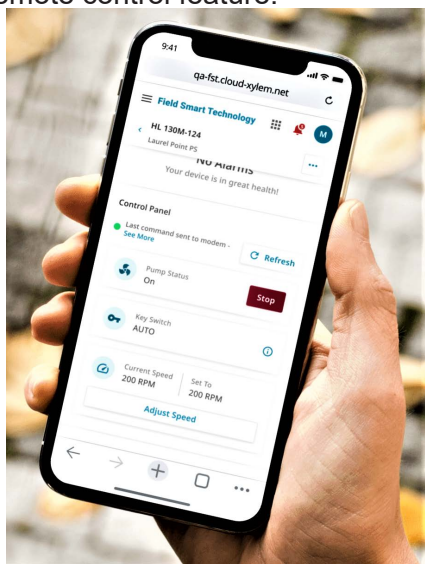
*"If ever there was a case for using Field Smart Technology - a weather-related disaster is it. The ability to control your pumps safely and reliably provides peace of mind, which is priceless." - Mike Ramos Global Godwin Product Manager and Dewatering Solutions*

(right) Dewatering pumps using Field Smart Technology  
Lake Charles, LA \* August 2020



The benefit Field Smart Technology provided - rerouting wastewater - cannot be underestimated: contaminated water, even a small spill, can result in costly fines and significant environmental damage, not to mention the risk of disease due to exposure to human lives.

In fact, concern for the recovery team's health and well-being became a non-issue once Field Smart Technology was employed. Thanks to its cellular and satellite capabilities, potential physical hazards: flooding, debris, contaminants and other disaster-related variables were mitigated because of the consistent reliability of this telemetric product's remote control feature.



< (left) Xylem's Field Smart Technology (smart phone display)

Fewer people were required to manage many more pump stations, freeing them to assist their families and community during this arduous time.

*"The safe and efficient diversion of contaminated water, precipitated by Hurricane Laura, was made possible by Xylem's rugged, telemetric solution, Field Smart Technology."*

*- Eric Benoit, Xylem's North America Distribution Manager*

Enabling safe, secure, and reliable remote pump management has made Godwin pumps with Field Smart Technology the preferred "go to" option *whenever* and *wherever* municipalities are challenged with disaster remediation.

Perhaps it should be yours, too? ■

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LAST UPDATE: August, 2022

in the middle of the night.  
In the middle of a storm.  
At your most remote site...

Field Smart Technology is here for you.

Visit [www.xylem.com/fst](http://www.xylem.com/fst) to learn more.