

1ST Response™

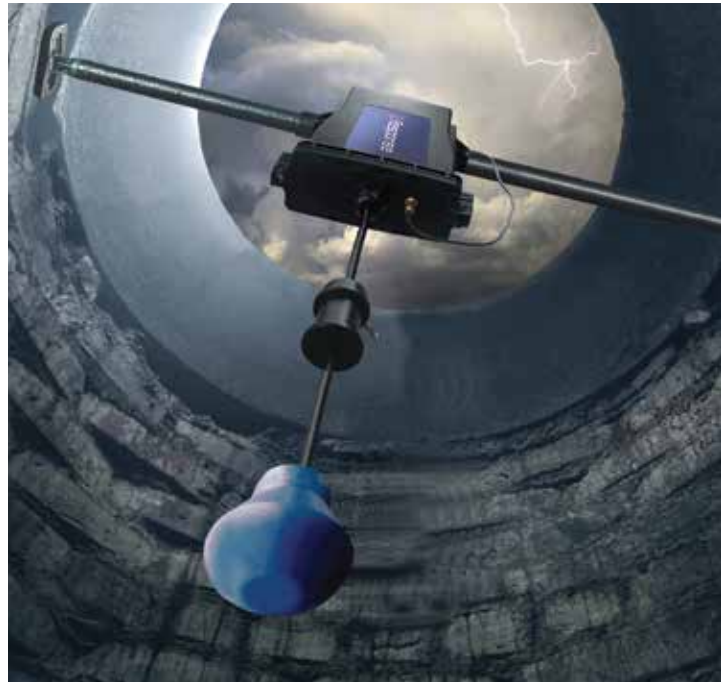
Early-Warning Surge Monitor



1STResponse™

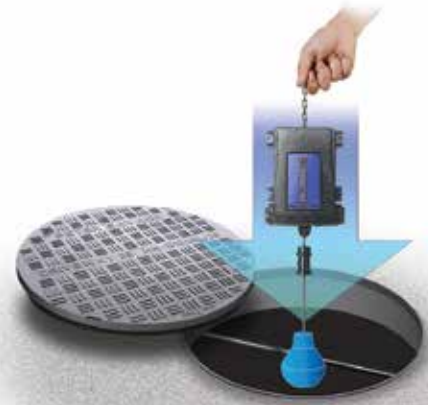
Early-Warning Surge Monitor

Manholes that are prone to becoming the source of sanitary sewer overflows and residential backups are proactively monitored in order to transmit early-warning alerts to municipal operating personnel. A simple level float switch, in combination with cellular technology, is installed within the problematic manhole. Upon wastewater levels reaching a user defined height, a text message is dispatched alerting field personnel to the possibility of a surcharge event. Cellular text alarms are resent on a continual basis until the alert is successfully delivered.



INSTALLATION, MAINTENANCE AND DATA RETRIEVAL COSTS

The true cost of any sewer assessment technology lies in the initial and ongoing expenses associated with confined-space installation, repetitive bottom-sitting sensor maintenance and time-consuming “in the road” data retrieval. 1st Response™ cellular float switches monitor wastewater collection system performance on a 24/7 basis without any of the above negative aspects.



NON-CONFINED SPACE INSTALLATION

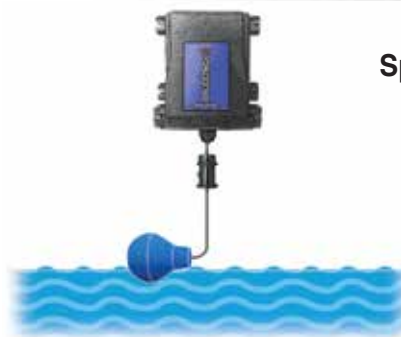
Installation of every 1st Response Surge Monitor is accomplished from the street level without the requirement for confined space entry; thereby eliminating major cost and safety concerns.



Non-Confined Space Installation

ZERO MAINTENANCE

A fully encapsulated float switch, specifically designed for applications within the wastewater environment, remains free from the everyday concerns of fouling and corrosion.



Zero Maintenance

EARLY-WARNING ALERT

Upon wastewater levels reaching user-defined heights, an early-warning text message is dispatched alerting O&M personnel of the possibility of a future sewer surcharge event.



Early-Warning Alert

EARLY-WARNING CELLULAR ALERTS

A level float switch combined with cellular text-enabled technology is installed within the suspect manhole. Upon wastewater levels reaching a user-defined height, early-warning cellular text messages are dispatched alerting maintenance personnel of the possibility of a surcharge event or residential back-up. To confirm that an alert was received, a user response must be activated otherwise the alert will be resent on a continual basis.

With the 1st Response, municipal technicians are now capable of responding proactively by quickly dispatching field crews in order to clear a problem before a more serious situation develops. This immediacy in response can be critically important when dealing with potential fines and lawsuits emanating from residential backups and neighborhood toxic spills.



CLEAR A PROBLEM BEFORE A MORE SERIOUS SITUATION DEVELOPS



Watch the 1ST RESPONSE Video at
smartwastewater.com

PRICING

1ST RESPONSE™

3-YEAR 1 ST RESPONSE™ PURCHASE PROGRAM

\$2,625.00

3-Year Program includes 1st Response Monitor, Cellular Connectivity, Text Alerts, Batteries.

RE-UP FOR ADDITIONAL 3 YEARS

\$920.00

Cellular Connectivity, Text Alerts.
