CASE STUDY

CHESTERTON
Global Solutions, Local Service.

WATER INDUSTRY

Equipment Monitoring

Monitoring Detects Faulty Valve at Remote Pump Station

Product Solutions: Chesterton Connect Sensor, Gateway, and Cloud

Challenge

A state municipality needed a method of detecting brush fires which were affecting their remote pump stations. Upon review of the data, three identical pumps in service seemed to show the same values, however one of the pumps was demonstrating elevated vibration, temperature, and pressures.

Solution

It was determined that a faulty valve was the culprit and repairs were scheduled. They enlisted the use of the Chesterton Connect™ Sensor, Gateway, and Cloud as a way]to monitor the ambient temperatures of the assets.

Results

The Chesterton Connect Sensor was able to detect the faulty valve and ultimately save the customer thousands of dollars in repair costs.

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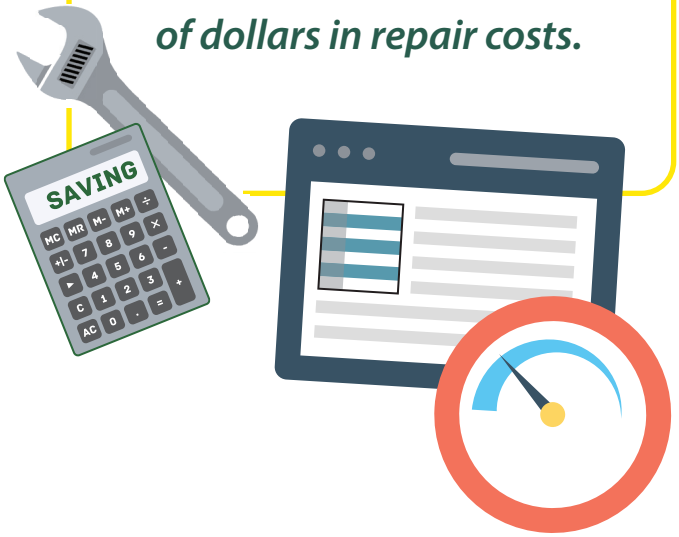

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