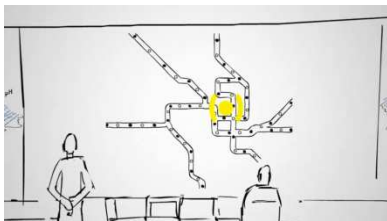


Water Quality Early Warning System

Are you always aware of the quality of your drinking water?

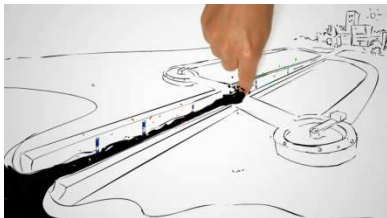
A chemical spill near your river water intake or even worse a terrorist attack on drinking water could harm thousands of innocent citizens. The question is, would you even notice?

Normally your water quality is controlled by spot checks carried out by a laboratory. At best this method can only give you an average view of your water quality over a period of time. You could react after a warning from the laboratory by stopping water intake or supply and providing citizens with warnings like a boil notice or even supply bottled water. What ever your actions in all probability you are likely to receive negative publications, complaining customers or in the worst possible situation sick or killed citizens.



Early Warning System

A better solution is to monitor your drinking water intake and supply with continuous online water quality measurements, which inform you directly on any changes in the water quality.

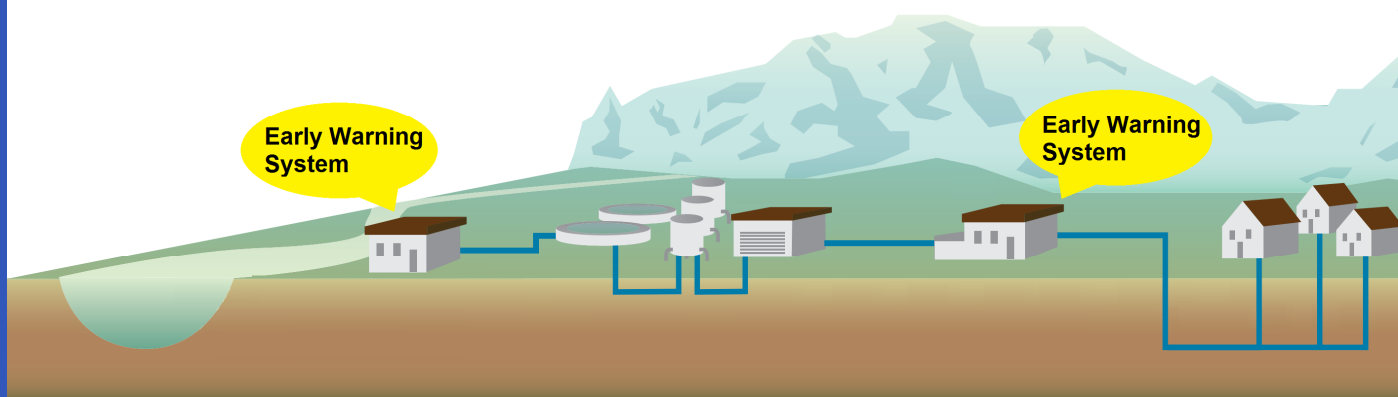


These systems are designed to provide your operating teams and management in real time when a parameter or water quality changes out of the control boundaries you set. In such an event, your water intake or contaminated supply can be isolated and your supply diverted to safe storage water thus avoiding any pollution reaching your customers. Our bespoke engineered early warning system makes all this possible.



Interline's Early Warning System contains multiple online water quality measurement sensors for detecting natural, human-induced or deliberate contamination. If an incident is alarmed a water sample is automatically taken and a text message is immediately sent to your laboratory, which can then collect further samples for more detailed analysis.

These systems can be installed from source to tap and offer you additional confidence that your supply water is both safe and reliable throughout the entire supply network.





Smart software

Historically operators of water quality monitoring networks have suffered from the absence of a tool that allows quality control and validated operation of sensors in order to reliably turn data into information. When an alarm was generated the measurement data would have to be manually controlled and physical steps taken before acceptance of the alarm.

Today, our field proven smart software enables Water Quality warning systems to provide self-adaptive, controlled data validation in real-time.



Network

It is possible to build up a complete network of Early Warning Systems. You can even monitor the water quality of your drinking water network at your smart phone or tablet from the comfort of your couch at home. The versatility means that you can visit the local communities and show-case the systems.



Consultancy

Interline is able to provide an integrated approach from source to tap. This means assessment of water quality trends, selection of target parameters for water quality monitoring, developing a reliable multi-sensor platform, including an integrated software platform, setting alarm thresholds based on the local circumstances and action plans that are implemented in the management and quality systems of the drinking water company. Interline offers a service which goes far beyond just installing monitoring equipment. Interline includes all required knowledge, experience and technology to provide this integrated approach which will give you the confidence you are looking for.

Sensor technology

Interline Systems is a system integrator for analytical equipment. Besides designing and realising complete systems we can also advise and supply single online sensors. We have a widely range of sensors from industrial spectrophotometers to simple pH sensors. For drinking water applications we can provide you with sensors to measure common parameters like Turbidity, NO3-N, DOC, TOC, Chlorine, pH, EC and O2.

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