



Wastewater Impact Management

Protect public health and prevent community disruptions with AI-powered flood prevention

Sewage-management companies need a cost-effective way to stay ahead of flooding issues, protect public health, and remain compliant with health and safety regulatory requirements. Wipro Wastewater Impact Management, built on the Microsoft Cloud, is an AI-driven, end-to-end sewage-monitoring system that can predict blockages and flooding to help prevent community health hazards and disruptions.

Simple to install and maintain, it features industry-approved IoT sensors to better identify high-risk areas.



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Wastewater Impact Management helps you:

- Better predict high-risk flooding zones based on network, historical trends, weather patterns, and other factors.
- Prevent flooding that can cause health hazards and pollution, so you can operate a sustainable system that protects wildlife and the environment.
- Align with health and safety regulatory requirements and environmental compliance to avoid stiff penalties.



FAQs about Wastewater Impact Management

How does it work?

Monitors can operate from -20°C to 70°C (-4°F to 158°F) and relay data via a secure NB-IoT platform. By capturing and storing data on the Microsoft Cloud, the system learns where blockages have occurred and how weather affects system levels. Leveraging this data and AI-driven insights, organizations can better predict how sewer systems will respond to adverse events.

What does the deployment process look like?

The most intensive part of the deployment is the monitor installation. After that, each monitor can be deployed in about 10 minutes, and the system can be configured wirelessly via a remote app. Integration and setup within a sewage-management system's platform infrastructure can take several weeks.