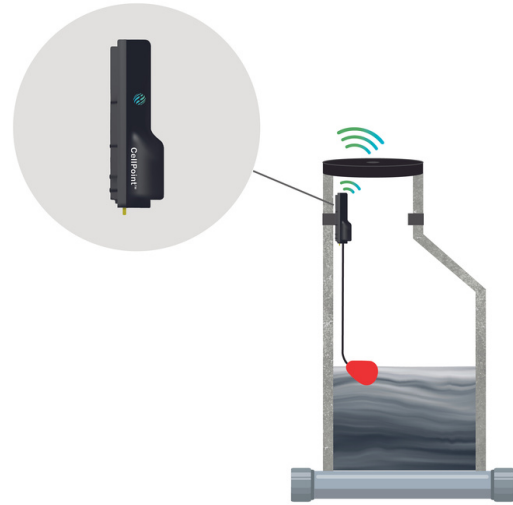


# Sewer Level Monitoring

The EPA estimates that there are at least 23,000- 75,000 Sanitary Sewer Overflows (SSOs) per year (not including sewage backups into buildings) in the U.S. It's crucial for municipalities and industries to be aware of and comply with local environmental regulations to avoid fines and contribute to the protection of water resources. Preventing sewage overflows with IoT monitoring and alert devices is a cost-effective and efficient approach.

**DataStream's CellPoint™ Sewer Level Monitoring** device is part of DataStream IoT's series of cellular IoT endpoints. This device is designed for monitoring fluid levels and providing an alert when the fluid level rises to a predefined level, or when the level reaches a low threshold. This same device can be utilized for additional fluid level monitoring applications such as grinder pump monitoring, and reservoir level monitoring. Our real-time sewer level monitoring technology solution equips water utilities with enhanced operational capabilities, which are paramount for early detection of sewer overflows, environmental compliance, public health benefits, and prevention of infrastructure damage enabling cost-effective maintenance management.



## Key Advantages

- ◆ Continuous monitoring allows for early detection of problems, enabling timely intervention before overflows occur.
- ◆ Effective solution to monitor and report compliance with environmental regulations.
- ◆ Generate system alerts as sewer level is above predefined level.
- ◆ Designed to meet extreme outdoor ambient conditions for applications under the ground and may also be used indoors in basements applications.

Our unique CellPoint™ Sewer Level Monitoring device samples the float sensor continuously. The device sends a level alert when the sensor reaches the high (or low) threshold. Once a day the device sends a "Keep Alive" signal to the control center as a status signal that indicates the device is still in operation.

## Key Features

- User defined alerts generated upon sewer level status change.
- Status data updated daily and upon alert.
- DataSense™ portal provides detailed historical data for analysis.
- Ease of installation, supported by a mobile app.
- No external power required - field replaceable battery.
- Two float switches - optional.

