

Unleash Precision in Water Level Monitoring



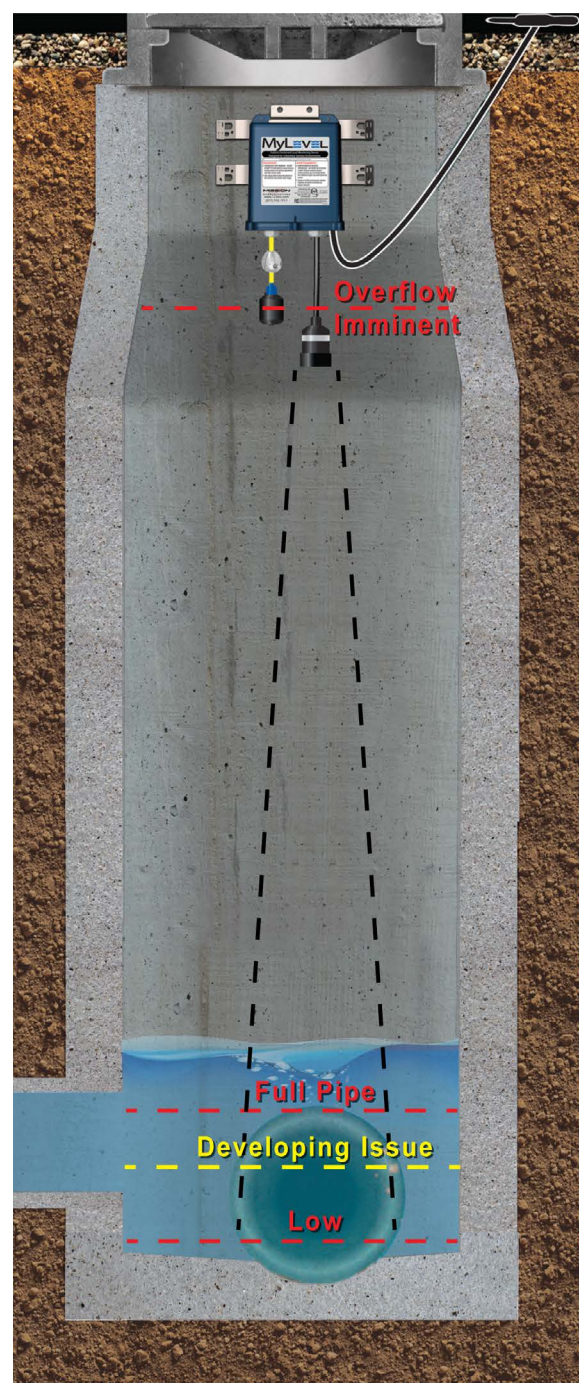
Discover the next level of combined sewer overflow (CSO) and sanitary sewer overflow (SSO) monitoring for subsurface sewer applications. The MyLevel is a battery-powered, cellular-connected solution that provides accurate and hassle-free ultrasonic level measurements. Engineered for diverse environments, MyLevel ensures high reliability and seamless connectivity, providing you with real-time insights when you need them. A MyLevel Float model is available.

Key Features

- **Complete Dynamic Range:** From the bottom of the channel to the manhole cover, MyLevel offers a full dynamic range for comprehensive visibility.
- **Ruggedized Design:** Hardware built to withstand tough conditions including wet, high humidity, and corrosive conditions.
- **Reliable Connectivity:** MyLevel cellular technology maintains connectivity regardless of weather conditions.
- **Surge Resilience:** No measurement loss during surcharges, ensuring consistent and reliable readings.
- **Efficient Crew Mobilization:** MyLevel notifications allow mobilization of crews only when necessary, optimizing resources for effective monitoring.
- **Versatile Configurations:** Suitable for sewer manholes, open channels, canals, holding tanks, outfalls, wet wells, reservoirs, and utility vaults.
- **Low-Maintenance Design:** The sealed, IP68-rated sensor requires minimal maintenance for hassle-free operation.
- **Battery Life:** A compact, long-lasting battery powers MyLevel, ensuring up to three years of operation.
- **Two-Way Communication:** Remote settings management is made easy with MyLevel's two-way communication feature.
- **Robust, Intrinsically Safe, IP68-Rated Hardware:** Molded from carbon fiber ABS plastic and third-party certified for use in hazardous sewer environments.
- **Easy Install:** Simple mounting hardware fits to the inside wall just below the manhole cover for easy installation and maintenance.

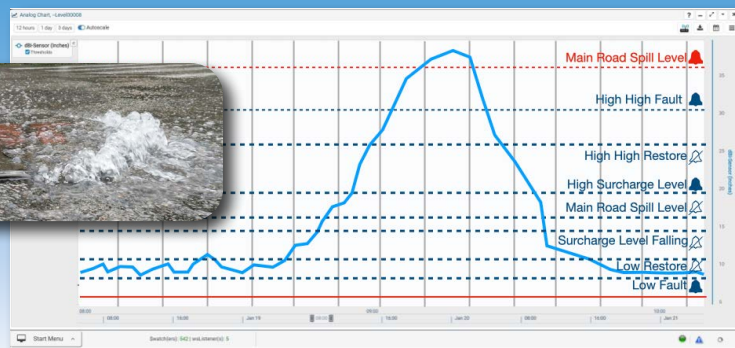
Your Comprehensive Monitoring Solution

- **Secure Online Web Portal:** Access visual reports through a secure online web portal for easy configuration and monitoring.
- **CSO/SSO Monitoring:** Report sewer overflows and backups effortlessly, and help stay in compliance.



Monitor Subsurface Manhole Levels and Protect from Sanitary Sewer Overflow (SSO)

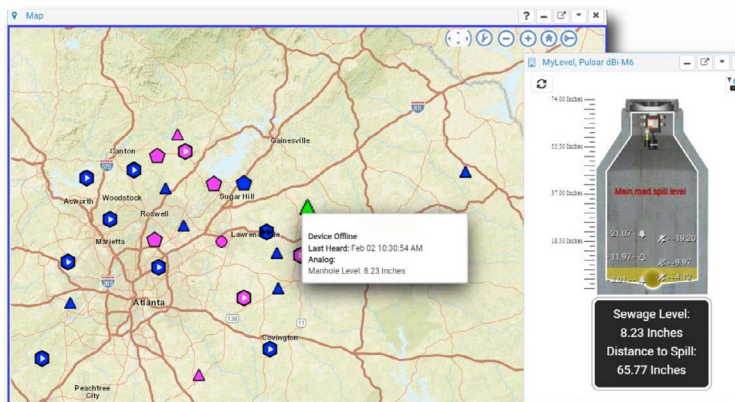
- Stay ahead of the curve. Avoid fines and cleanup costs from SSO.
- Set up as many real-time alarms as you need.
- Use the 123SCADA web portal to track the latest data visuals and event dashboard.



Technical Specifications

Performance Features

- **Accuracy:** Patented ultrasonic sensor design for precise measurements up to 49.2 feet (15 meters) from sensor face.
- **Weather Resilience:** Uninterrupted cellular connection, even during rain events or bad weather.
- **Data Integrity:** Providing precise and reliable readings through entire operating range.
- **Power Source:** Battery powered, no A/C.
- **Communication Features:** Network details, transmit and receive specifications.
- **Two-Way Communication:** Enables remote settings management for enhanced control.
- **Alarm/Event Reporting:** Within two minutes of the event.



Settings

- **Sensor Sampling Intervals:** Every 4, 5, 6, 10, 30, or 60 minutes.
- **Reporting Intervals:** Every 1, 2, 4, 12, or 24 hours.
- **Mounting:** Manhole Mounting Bracket, Sensor Mounting Kit.

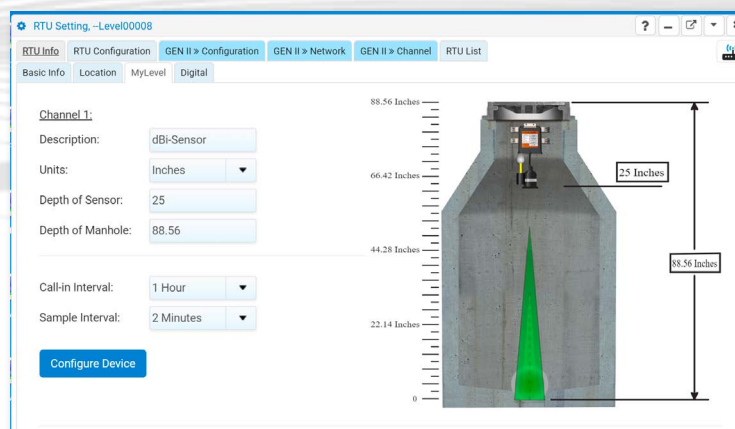
Environmental Considerations

- **Operating Temperature Range:** 14 °F to 122 °F [-10 °C to +50 °C].
- **Ingress Protection:** IP68.

Warranty Information

- **Enclosure and Electronics:** Two years.*
- **Battery:** See Battery Life table.
- **Floats:** One year.

*Prolonged exposure to high temperatures along with H2S levels higher than OSHA safety standards for sewer environments can cause damage to MyLevel and could affect warranty.



Battery Life

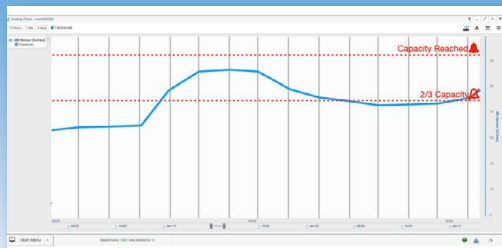
Setup	Sampling Interval	Reporting Interval	Battery Life
Power Saving Mode	30 minutes	4 hours	2½ Years
Standard Mode	10 minutes	4 hours	1½ Years

More frequent sampling and reporting intervals are available, which will impact battery life.

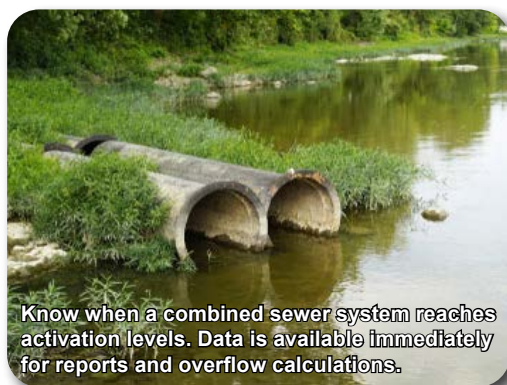
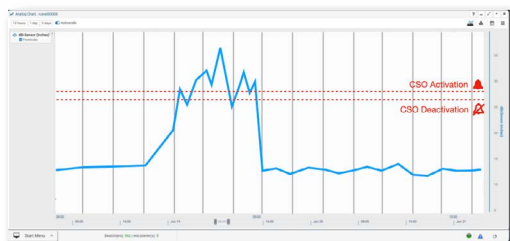
Battery life variance is subject to signal quality, signal strength, and frequency of measurement.

Elevate Your Monitoring with MyLevel — Precision Redefined

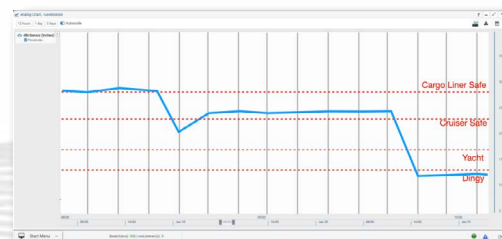
Not Just for SSO — Use MyLevel to Monitor Many Applications



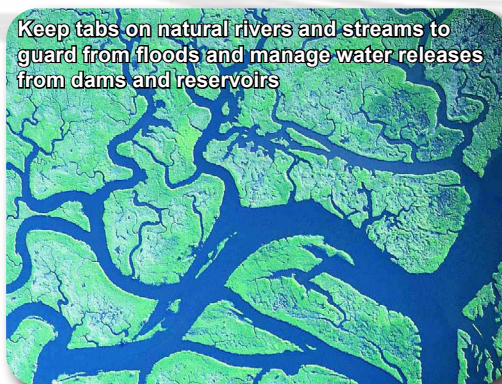
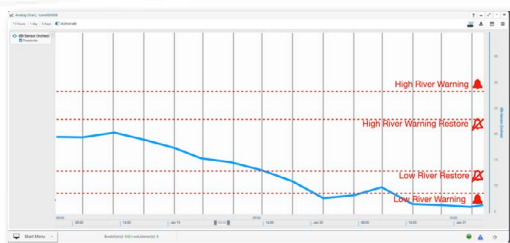
Water Treatment Plants



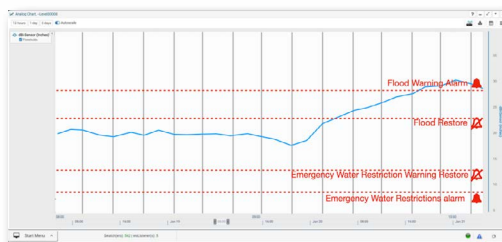
Combined Sewer Overflow (CSO)



Canals



Rivers Streams



Lakes Ponds Lagoons

Proactive Alarms  **Comprehensive Data**  **Accessible From Anywhere**



- Integrate seamlessly with all Mission devices using 123SCADA or custom SCADA
- Integrate with most traditional HMIs and modeling software with OPC-UA
- Install Mission device in one morning, and start controlling costs
- Identify system issues on any device, while on the go
- Leverage more control over your system to increase performance
- Simplify compliance reporting
- Increase efficiency by deploying staff only when needed
- Monitor your water/wastewater system from anywhere



Contact Us

MISSION
COMMUNICATIONS

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123mc.com



Model Number: M84-L
Class I, II, III,
Division 1 Groups D-G, T1.
Temperature range -10 to 50° C,
and Intrinsically Safe

Class I Zone 0,
Ex ia IIAT1 Ga