

# Future of Legionella Monitoring: Strategies for Employing qPCR in a WMP

ON THE SCALING UP! H2O PODCAST

## Groundbreaking Findings in Legionella Detection Methods

As part of Legionella Awareness Month, Scaling UP! H2O is excited to announce the release of a highly anticipated episode featuring **Michael Loewenstein**, Vice President of Scientific Consulting at **Q Laboratories**. This episode, available on Friday, August 16, 2024, delves into the groundbreaking findings from Phase 2 of Michael's study on Legionella detection methods.

In this episode, Michael Loewenstein shares his expertise and the surprising results from his recent research comparing traditional culture techniques with modern qPCR methods. Listeners will gain invaluable insights into the most effective strategies for detecting and quantifying Legionella in water systems.

Michael explains, "To find the most sensitive, accurate, reproducible, and reliable method for detecting and quantifying Legionella in a sample, qPCR is the best option." His study highlights that qPCR not only offers superior sensitivity and accuracy but also provides faster turnaround times and costs comparable to traditional culture methods.

### Key highlights of the episode include:

- The significant advantages of qPCR over traditional culture techniques.
- The unexpected positivity rate of Legionella detected using qPCR.
- Practical advice for water professionals on implementing qPCR in their Water Management Plans (WMPs).
- A detailed discussion on the current state and future direction of Legionella testing and water management practices.

Trace Blackmore, host of Scaling UP! H2O, invites all water professionals to tune in and enhance their Legionella knowledge. "We understand the challenges water treaters face with the overwhelming amount of information out there. This episode with Michael Loewenstein is a must-listen for anyone looking to stay ahead in the field of Legionella testing and water management," Trace said.

To listen to this insightful episode, visit [www.ScalingUpH2o.com/377](http://www.ScalingUpH2o.com/377) or find Scaling UP! H2O on your favorite podcast player.