

## Abstract

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## Title

The FlowCam Cyano: A Rapid Detection and Screening Tool for HAB Monitoring Programs

## Description

The way in which utilities monitor and control harmful algal blooms is changing. New technology and multifaceted approaches are starting to become a routine part of HAB monitoring programs. Here we will present a brief introduction to the FlowCam Cyano technology, detailing how this rapid identification and enumeration method can help utilities see and react to algal blooms in their nascent stages. Highlighting the City of Wichita in Texas, we will show how the FlowCam is integrated into this city's monitoring strategy in conjunction with other rapid techniques such as qPCR and how this approach informs their treatment decisions.