

# UCMR4



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

## What is UCMR 4?

The Unregulated Contaminant Monitoring Rule (UCMR) is an initiative by the EPA to monitor public drinking water for the occurrence of specific contaminants. The data collected regarding the exposure and occurrence of these contaminants is used to help improve regulatory decisions that affect public health. UCMR 4 is the fourth and most recent round of the rule.

## Who Does It Affect?

UCMR 4 will affect all large public water systems (PWS) serving more than 10,000 people. It will also affect 800 randomly selected small PWS serving 25-10,000 people.

## Choosing an EPA Approved Lab

The EPA requires PWS to use EPA approved laboratories. Since the inception of the program, Babcock Laboratories has been the industry's trusted laboratory for UCMR testing services. Babcock Laboratories has received EPA approval for UCMR 4 analyses because we have successfully completed the EPA's rigorous lab approval program, demonstrating our ability to meet UCMR 4 methods and guidelines.



## Sampling Schedule

Below is the sampling schedule for PWS based on contaminant type, water source type, timeframe, and frequency of sampling events.

Contaminant Type	Water Source Type	Timeframe 2018-2020	Frequency
List 1 Cyanotoxins	SW, GWUDI	March - November	8 SE: 2 times per month for 4 months, 2 weeks apart
List 1 Additional Chemicals	SW, GWUDI	12 Months	4 SE: consecutive quarters, 3 months apart
List 1 Additional Chemicals	GW	12 Months	2 SE: over 12 month period, 5-7 months apart

Notes: ground water under direct influence of surface water (GWUDI); ground water (GW); sampling events (SE); surface water (SW)

### Contact Us:

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**We're here to help!**



BABCOCK Laboratories, Inc.

## The Babcock Experience

At Babcock Laboratories we aim to provide each client with the Babcock Experience. The Babcock Experience involves customer service that goes above and beyond the competition by focusing on reliability, responsiveness, and our relationships with our clients. We are a small, 100 percent employee-owned company and we are committed to providing you personalized service.

## Reliability

Our clients expect consistent, top-quality data and performance. That's why we make it a priority to provide exceptional quality services our clients can depend on. With over 110 years of experience, Babcock Labs is a name you can trust.

## Responsiveness

When seeking comprehensive solutions to complex problems, the first step is having a team of professionals who are genuinely interested in helping you succeed. Babcock Labs' staff are committed to being accessible and responsive to all of your professional needs.

## Relationships

To us, business is personal. We care about our clients and the services they provide to our communities and the environment. We hold our clients in high regard, and find that—as a result of our commitment to being reliable and responsive to our clients' needs—the feeling is mutual.



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## EPA Methods

Below are the EPA Methods required for each contaminant categorization on the UCMR 4 list.

EPA Contaminant Categorization	EPA Method
Ten Cyanotoxin Chemical Contaminants	EPA 546 (ELISA), 544, & 545
Two Metals	EPA 200.8
Eight Pesticides & One Pesticide Manufacturing Byproduct	EPA 525.3
Three Brominated Haloacetic Acid (HAA) Groups	EPA 552.3 or 557
Three Alcohols	EPA 541
Three Other Semivolatile Chemicals	EPA 530
Indicators (TOC & Bromide)	EPA 415.3 & 300.0, 300.1, 317.0, or 326.0

## Important Deadlines

PWS serving more than 10,000 people must adhere to the following deadlines:

Task	Deadline
Report contact information to SDWARS to review and, if necessary, revise: sampling location information and/or monitoring schedule in SDWARS	By December 31, 2017
Notify EPA of sampling location and inventory changes or if unable to sample according to the established schedule	After December 31, 2017, as soon as possible

## Contact Us

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