

# Overview of Standard Methods Activities

**William Lipps**

**Standard Methods Joint Editorial Board**

**August 2025**



# Why do we need Standard Methods and Other Consensus Standards?

- Test methods, specifications, and terms by CONSENSUS
- Adopted in a process OPEN to all interested parties
- Each participant has an EQUAL input
- Committees established by BALANCE
  - Producers
  - Users
  - Others (EPA, States, Trade Associations, Consultants)
- All input and viewpoints are considered and treated fairly.
- Generally non-profit organizations of VOLUNTEERS



# What is the Standard Methods Organization?

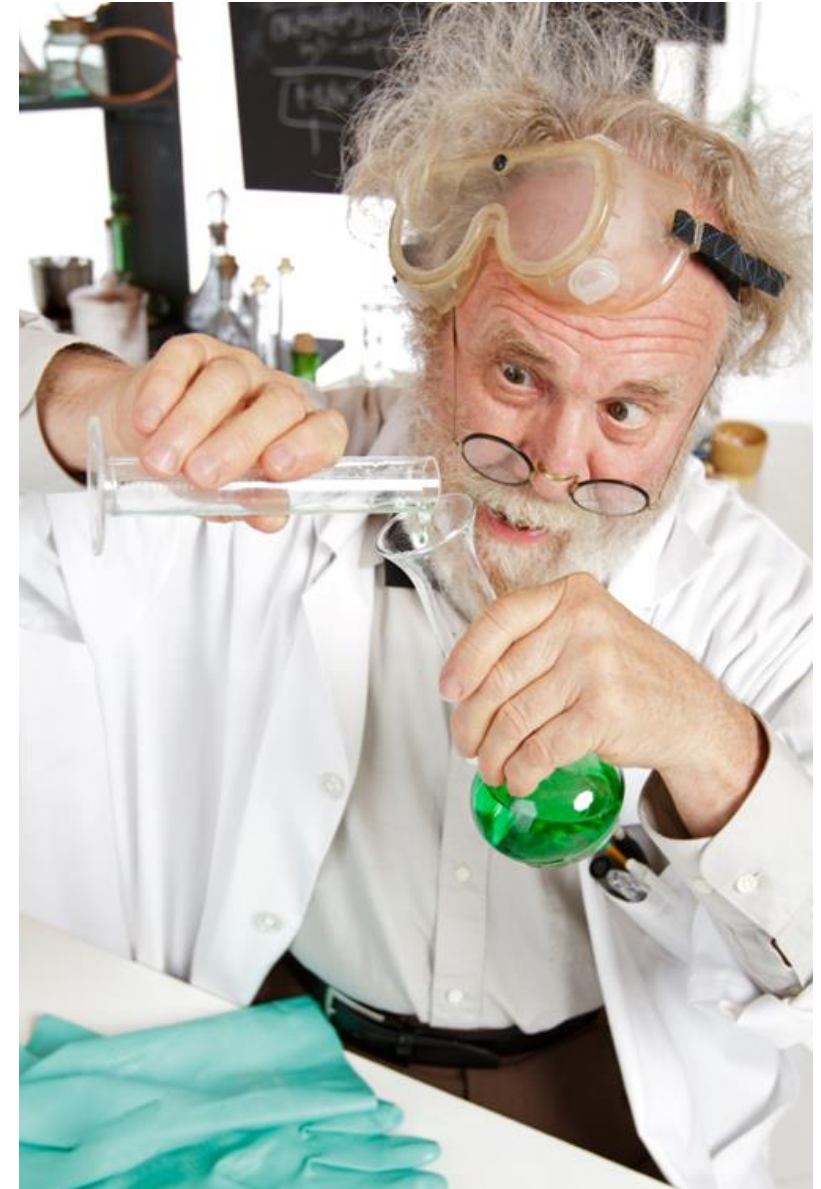
Sponsored by APHA, AWWA, and WEF  
Voluntary Consensus Standards Body (VCSB)

***“Organizations which plan, develop, establish, or coordinate voluntary consensus standards using agreed-upon procedures.”***

OMB Circular A -119-Revised (1998)

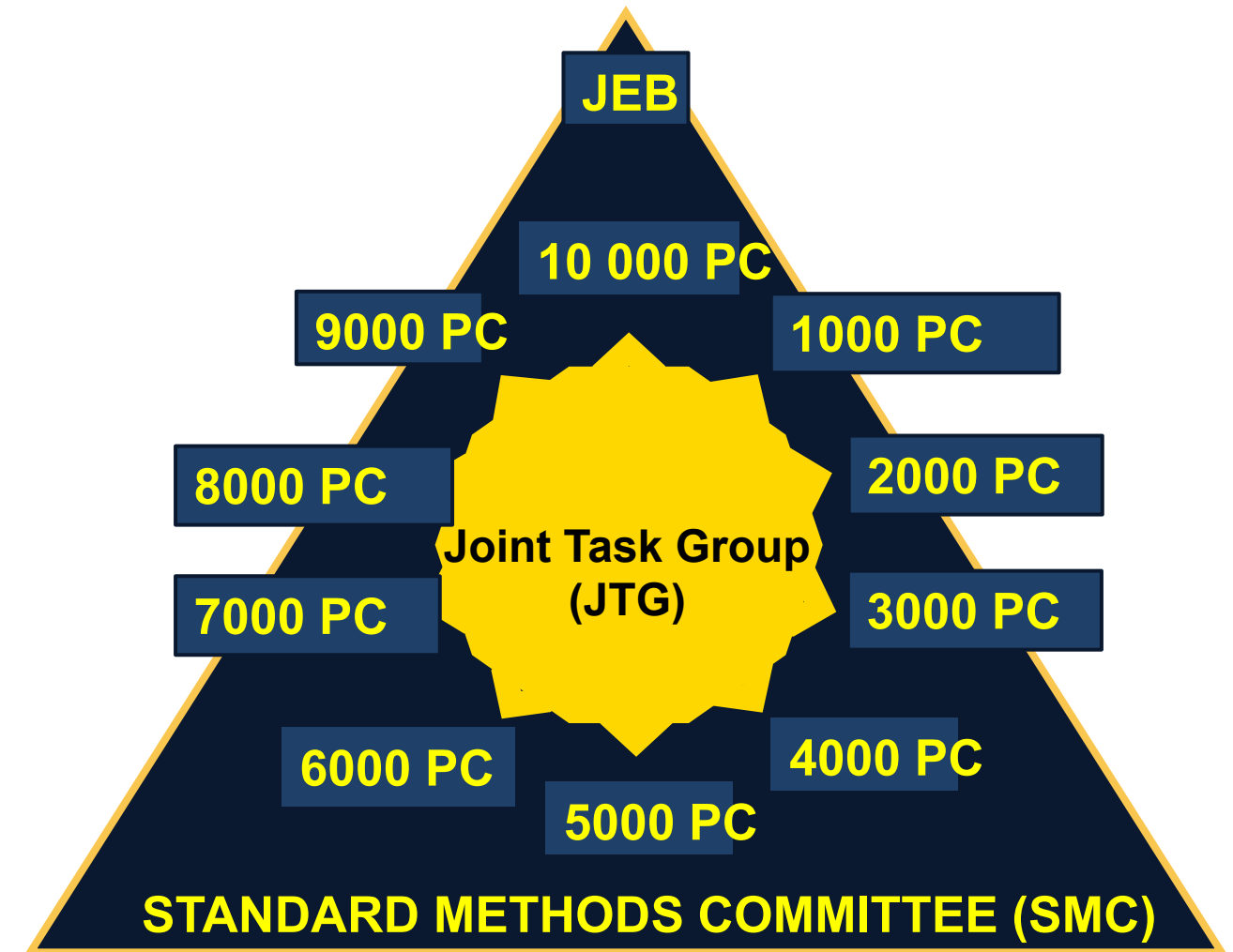
Two “Employees” + a bunch of Volunteers

Employees have no input (say) in the technical content of methods, the web site, or books; all technical content is by the volunteers.



# Standard Methods Organization Structure

- SMC = All who joined
  - Review and ballot methods
  - Participate in JTGs
  - Remain active
- JTG = groups who write or revise methods
  - Author the methods
  - Perform validations
  - Review according to expertise
  - Ballot the JTG draft
- PC = “oversee” JTGs in Part
  - Draft charge
  - Maintain schedules
  - Field questions
- JEB = guides direction of SM
  - Works with PCs
  - Ensures process followed
  - Web and “book” content
  - Spokespersons to stakeholders



# Who are the SMC members? That's You!

**Where do all the SMC members come from?**

**A Global  
Body of Experts**

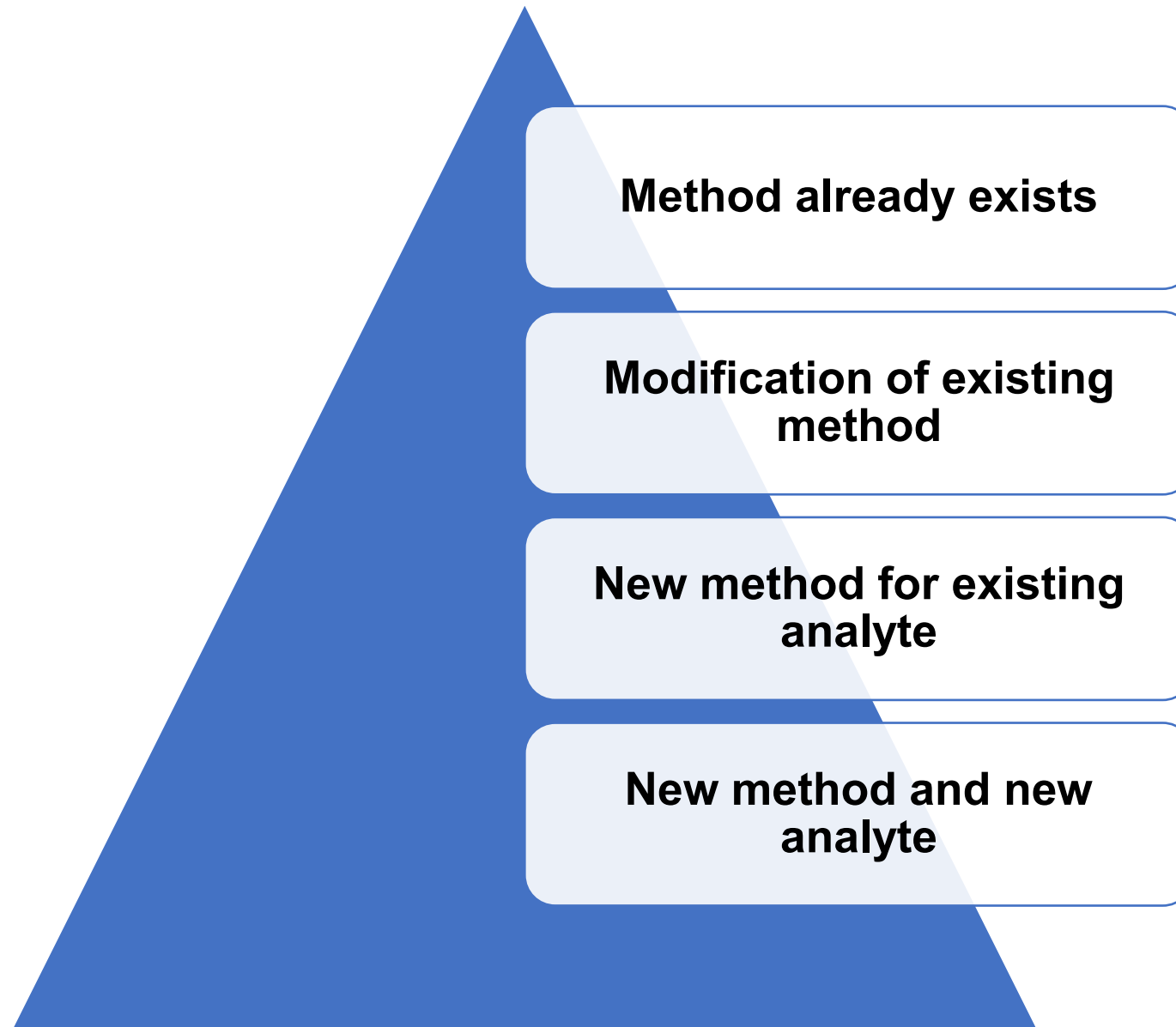
## Public Sector

- Municipal Laboratories
- Government Accreditation Programs
- Government Agencies & Laboratories
- Public Academia

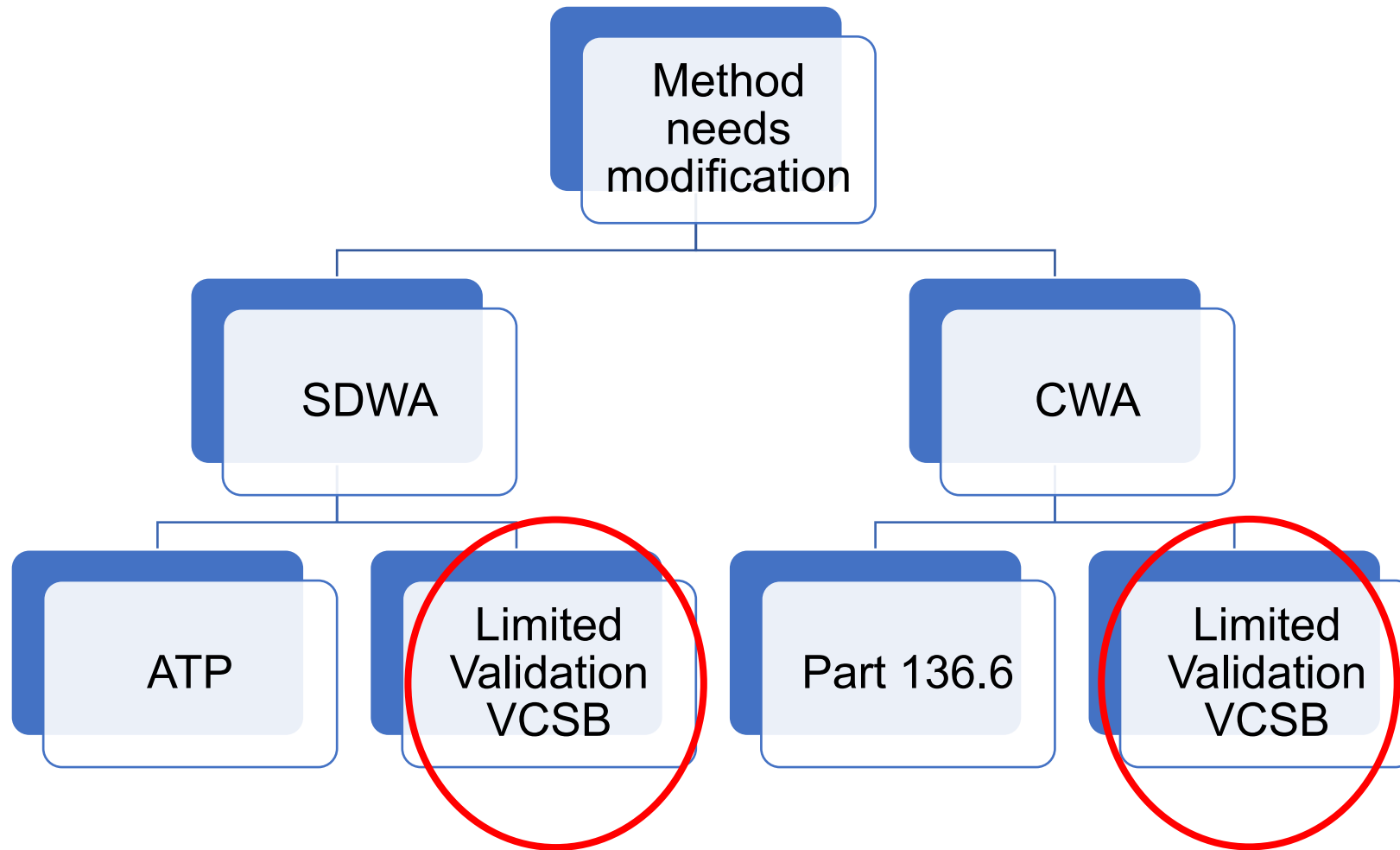
## Private Sector

- Commercial Laboratories
- Industry Laboratories
- Consultants
- Manufacturers & Suppliers
- Non-governmental Accreditation Bodies
- Private Academia
- Retired but active experts

# Methods that Standard Methods Develops or Revises

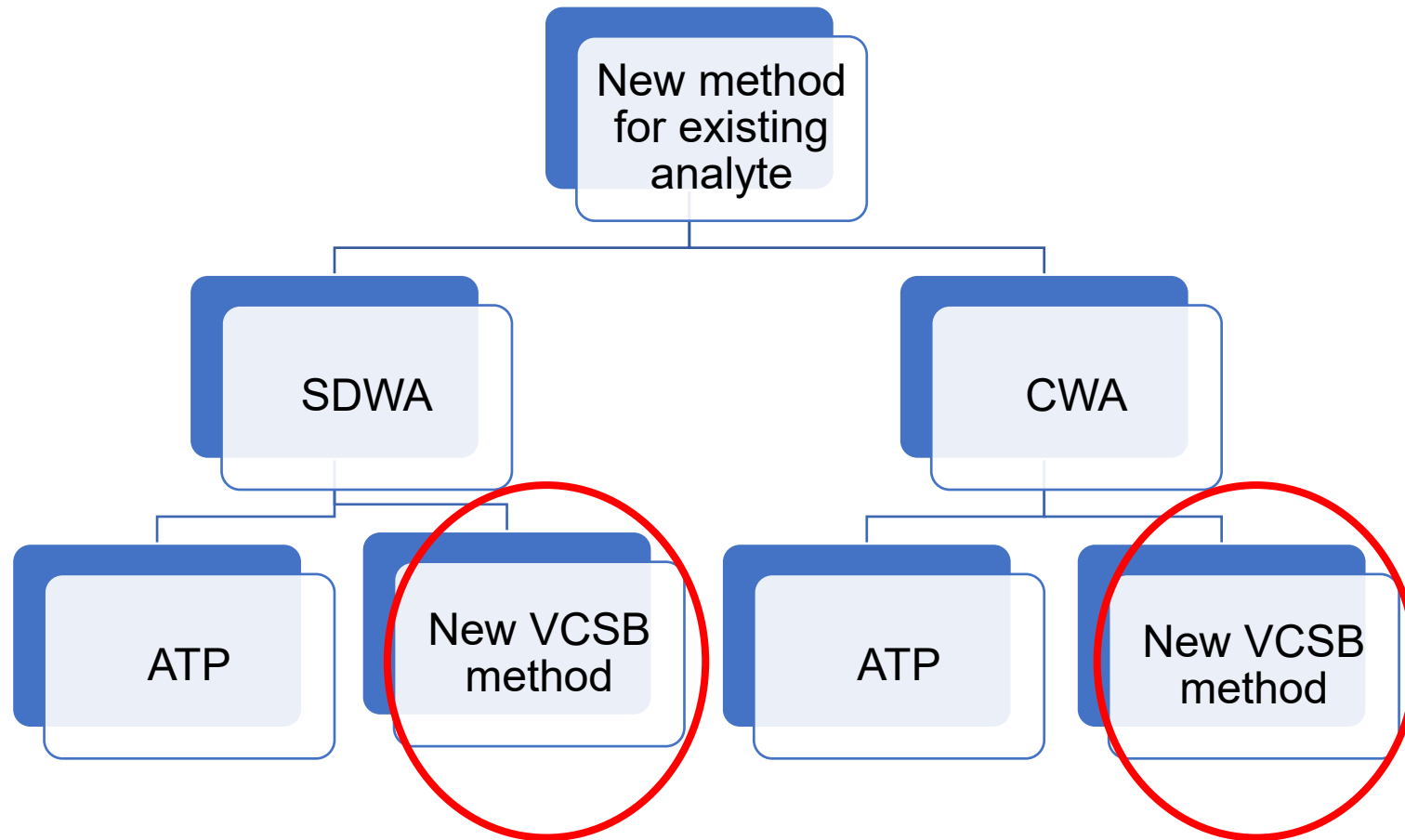


# Modification of Existing Methods – improve clarity or performance



- MDL incorrect, or newer MDL needed
- Incorrect reagent recipe
- Any Technical Change
- Methods do not have to be for EPA
  - FDA
  - Other countries
  - Non-compliance
  - Aquaculture
  - agriculture

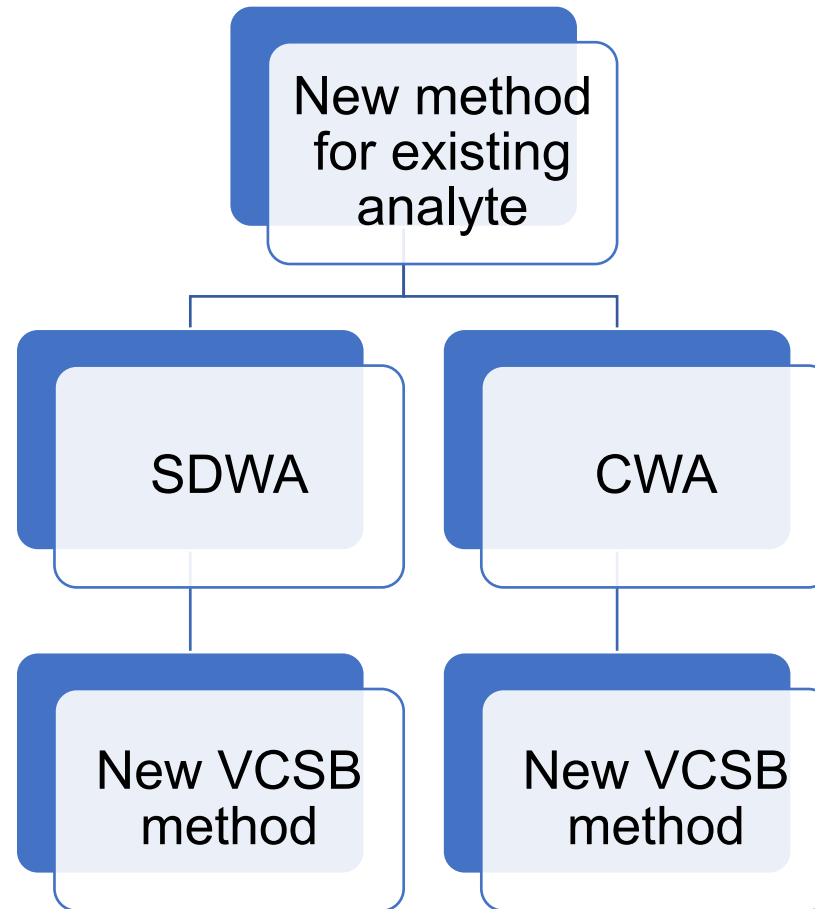
# New Methods for Existing Analytes



- There is already an existing method for the analyte
  - Different extraction
  - Different determinative step
  - Different reagents



# New Method for a New Analyte



- No existing published standard
  - May be in literature
  - May be vendor app note
- Requires extensive validation

# What's new at Standard Methods?

The screenshot shows a web browser window with the URL <https://www.standardmethods.org>. The page has a dark blue header with the text "standard methods - Search" and "SM Standard Methods". The main content area is divided into three columns:

- What's in the Water?**: Features a microscopic image of a green, filamentous bloom. A scale bar indicates 10  $\mu\text{m}$ . Below the image, it asks: "Do you recognize this common cause of blooms? >>".
- Join Us!**: Contains the text: "Participate in the ongoing development and revision of Standard Methods. Fill out an [application](#) to join the Standard Methods Committee." Below this, it says: "New Task Groups Forming" and "Please review the latest [method activity](#) notifications and volunteer today! Contact [nedman@awwa.org](mailto:nedman@awwa.org) or a [member of the JEB](#) with questions."
- What's New**: Contains the text: "View the latest published methods and summaries of what has changed [here](#)." Below this, it lists two events: "SM at GLP conference. SM JEB member William Lipps will provide an update about SM to The Virginia Water Environment Association 2025 Good Lab Practices Conference on July 28-29." and "SM at EMS. SM PC Elizabeth Turner is speaking about quality and lab management at the 2025 Environmental Measurement Symposium (Tuesday and Wednesday). JEB member William Lipps will speak about TKN and total Nitrogen (Wednesday) and SM activities (Thursday). The symposium runs August 4-7." Below these, it says: "Browse the [What's New](#) archive for other recent news."

At the bottom of the page, there is a banner for "Elevate Your Standards" and "Standard Methods for the Examination of Water and Wastewater 24th Edition Now Available". The footer contains the copyright notice: "© 2025 American Public Health Association, American Water Works Association, Water Environment Federation".

# Click the “application” link

**Join the Standard Methods Committee**

**You can join the Standard Methods Committee by accessing the documents listed.**

[Participation in Preparation of \*Standard Methods\*](#) is an introduction from the chair of the Joint Editorial Board.

The [Information Form](#) enables us to add you to the committee and record your interests in regard to water and wastewater analysis as well as Joint Task Group (JTG) membership.

Refer to the [Tentative Listing of Sections](#) to select the sections you would like to participate on as a JTG member.

Finally, [General Ballot Response](#) provides information on the level of participation required to receive a complimentary seat for *Standard Methods Online*.

**Please fill out the [Information Form](#) and send it to the *Standard Methods Online* manager at the email address below.**

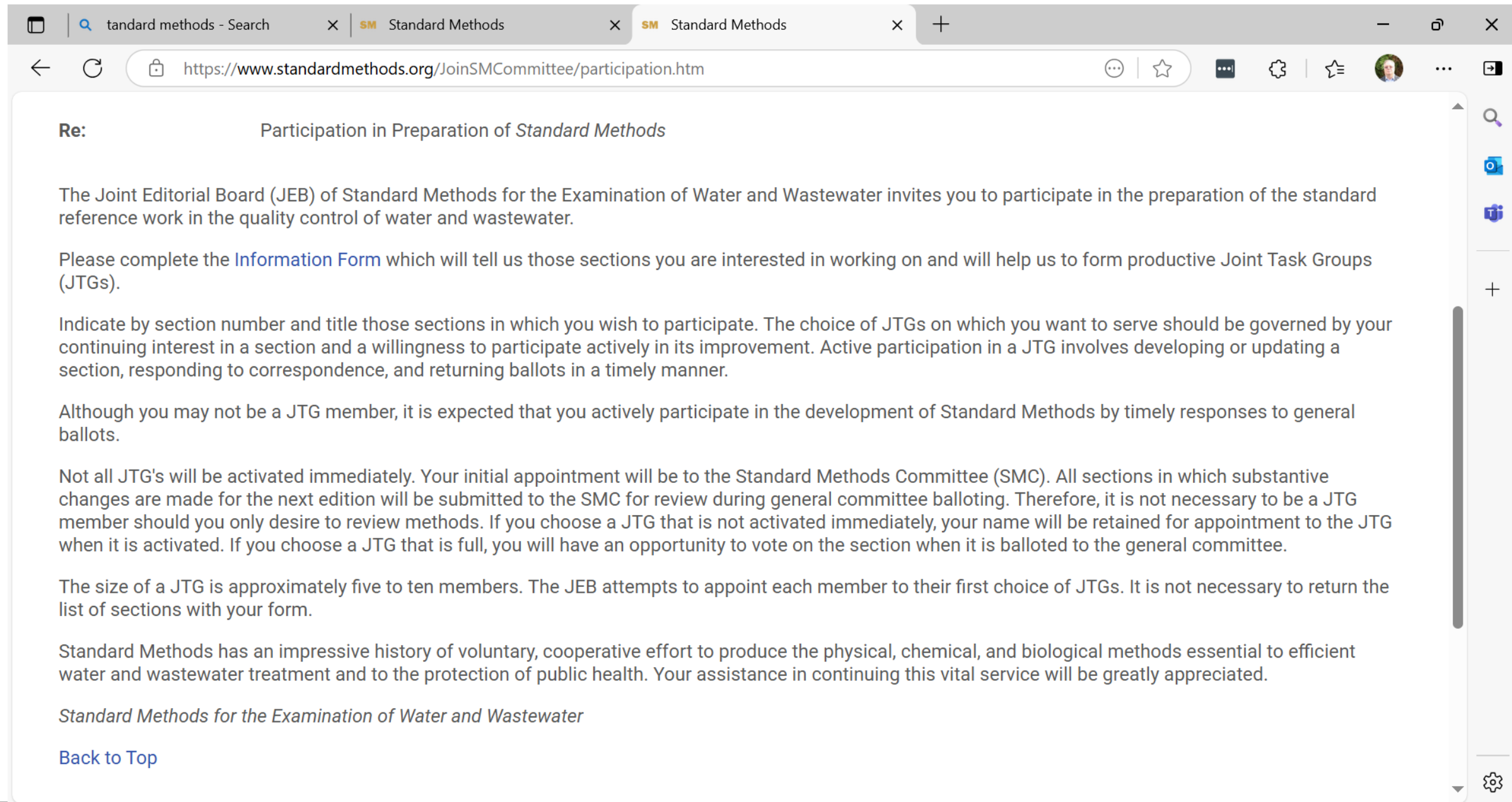
Thank you for your interest in *Standard Methods*.

Nathan Edman  
Standard Methods Manager  
American Water Works Association  
6666 W. Quincy Avenue  
Denver, CO 80235  
303-347-6241  
FAX: 303-795-7603  
[nedman@awwa.org](mailto:nedman@awwa.org)

The [Standard Operating Procedures](#) contain information on the process of writing and updating methods.

The following documents are in PDF format.

# The JEB says “hi”, now click “Information form”



**Re:** Participation in Preparation of *Standard Methods*

The Joint Editorial Board (JEB) of Standard Methods for the Examination of Water and Wastewater invites you to participate in the preparation of the standard reference work in the quality control of water and wastewater.

Please complete the [Information Form](#) which will tell us those sections you are interested in working on and will help us to form productive Joint Task Groups (JTGs).

Indicate by section number and title those sections in which you wish to participate. The choice of JTGs on which you want to serve should be governed by your continuing interest in a section and a willingness to participate actively in its improvement. Active participation in a JTG involves developing or updating a section, responding to correspondence, and returning ballots in a timely manner.

Although you may not be a JTG member, it is expected that you actively participate in the development of Standard Methods by timely responses to general ballots.

Not all JTG's will be activated immediately. Your initial appointment will be to the Standard Methods Committee (SMC). All sections in which substantive changes are made for the next edition will be submitted to the SMC for review during general committee balloting. Therefore, it is not necessary to be a JTG member should you only desire to review methods. If you choose a JTG that is not activated immediately, your name will be retained for appointment to the JTG when it is activated. If you choose a JTG that is full, you will have an opportunity to vote on the section when it is balloted to the general committee.

The size of a JTG is approximately five to ten members. The JEB attempts to appoint each member to their first choice of JTGs. It is not necessary to return the list of sections with your form.

Standard Methods has an impressive history of voluntary, cooperative effort to produce the physical, chemical, and biological methods essential to efficient water and wastewater treatment and to the protection of public health. Your assistance in continuing this vital service will be greatly appreciated.

*Standard Methods for the Examination of Water and Wastewater*

[Back to Top](#)

## Fill out the form and send it in.

standard methods - Search x SM Standard Methods x INFORMATION FORM x

← ↻ [https://www.standardmethods.org/pb-assets/downloads/Information\\_Form.pdf](https://www.standardmethods.org/pb-assets/downloads/Information_Form.pdf) 🔍 ☆

☰ ▢ ▢ ▢ Draw ▢ | T | A | a - + ↔ | 1 of 3 | 🔍 | 📄

**INFORMATION FORM**  
**STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER**

All Requested Information Must be Provided for JTG Participation

NAME  (FIRST, INITIAL, LAST) ☐ Mr. ☐ Ms. ☐ Dr.

JOB TITLE

EMPLOYER NAME

ADDRESS

CITY  STATE  ZIP

COUNTRY  PHONE

FAX  E-MAIL

ARE YOU A MEMBER OF: ☐ APHA? ☐ AWWA? ☐ WEF? ☐ OTHER?

If other, list full name of organizations:

LIST THE SECTION NUMBER (Example: 2120 Color, not Part 2000) OF THE JOINT TASK GROUP(S) ON WHICH YOU WOULD LIKE TO PARTICIPATE (SEE SEPARATE LIST). PLEASE SUMMARIZE ANY EDUCATION OR EXPERIENCE (RESEARCH, TRAINING, AWARDS, ETC.) YOU HAVE HAD THAT PARTICULARLY QUALIFIES YOU FOR PARTICIPATION IN EACH LISTED JOINT TASK GROUP.

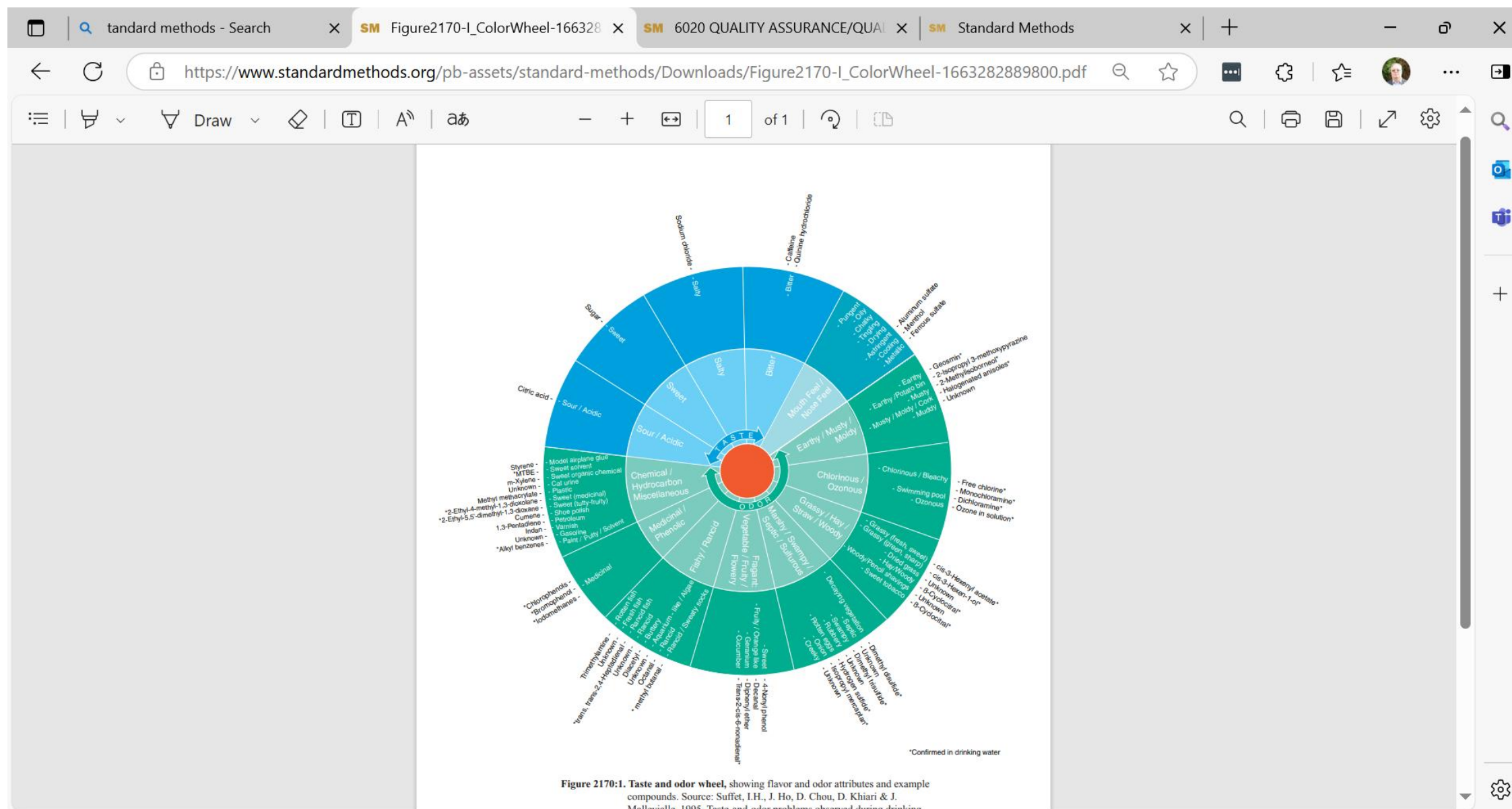
## INFORMATION FORM

# Important Information under Resource Tab

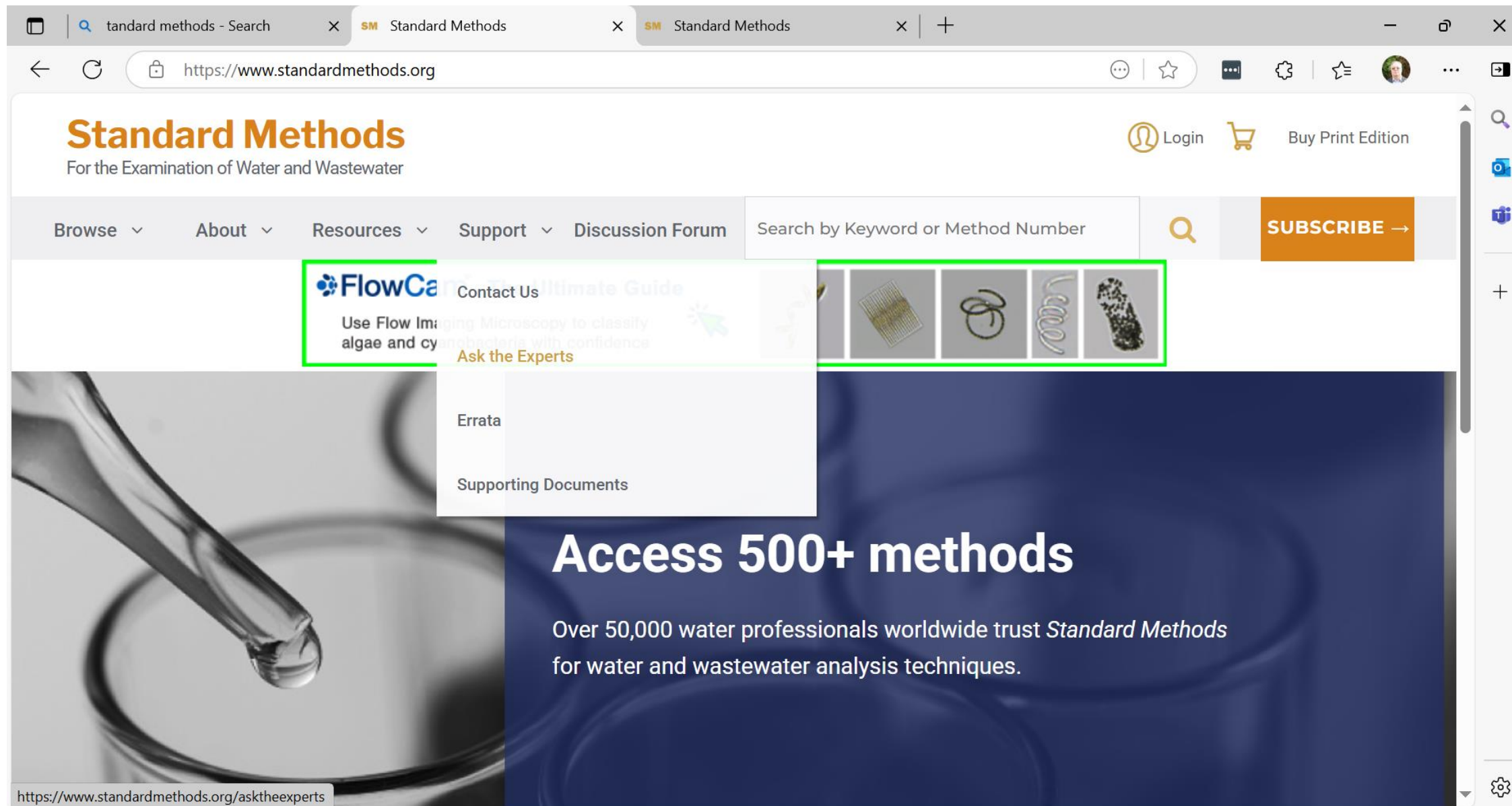
The screenshot displays the Standard Methods website interface. The browser's address bar shows the URL <https://www.standardmethods.org/#>. The website header includes the title "Standard Methods" and the subtitle "For the Examination of Water and Wastewater". Navigation links include "Browse", "About", "Resources", "Support", and "Discussion Forum". A search bar is present with the placeholder text "Search by Keyword or Method Number". A "SUBSCRIBE" button is located on the right side of the navigation bar. The "Resources" dropdown menu is open, revealing several options: "Standard Operating Procedures", "EPA Guidance", "Downloads", "Method Activity Notification", and "Method Update Summary". A green box highlights a row of five small images: a blue cursor icon, a DNA double helix, a grid of yellow squares, a black circular pattern, and a black fingerprint. The main content area features a large blue banner with the text "Access 500+ methods" and "Over 50,000 water professionals worldwide trust *Standard Methods* for water and wastewater analysis techniques." The background of the banner shows a close-up of a glass dropper.



## Resources link provides information needed for methods



# New “ask the Experts” and “errata” under support tab





# “Ask the Experts” can help to clear ambiguity in text

The screenshot shows a web browser with multiple tabs open, including '6020 QUALITY', 'standard method', 'Standard Metho', and 'Ask the Experts'. The address bar shows the URL 'https://www.standardmethods.org/asktheexperts'. The page header includes navigation links: 'Browse', 'About', 'Resources', 'Support', and 'Discussion Forum'. A search bar with the placeholder 'Search by Keyword or Method Number' and a magnifying glass icon is present, along with an orange 'SUBSCRIBE' button. The main content area is titled 'Ask the Experts' and contains the following text:

**Do you have a question for the editors of *Standard Methods*?**

The Part Coordinators and the Joint Editorial Board are available to answer questions on the technical aspects of implementing *Standard Methods* or for clarification of the methods. Your questions help us as well, by pointing out areas of the methods that may need refining.

The discussion forum has been a way to ask questions of Standard Methods. However, the forum lacks a search feature making it an inappropriate archive of answers to questions. We are implementing a new way to capture and archive questions and answers. Please bear with us as we transition to a new process. The forum is still available for readers to communicate with one another.

Use the form linked below to ask a question of *Standard Methods* editors. We will respond via email.

[Ask the Experts](#)

Page last updated March 27, 2025

# Supporting documents may also include other information

Standard Methods  
For the Examination of Water and Wastewater

To: All Standard Methods Stakeholders

From: Terry E. Baxter, William C. Lipps  
Standard Methods Joint Editorial Board (JEB)

Date: February 25, 2025

RE: Change in Method Nomenclature

The JEB is pleased to announce that we have changed the way that methods are named. This new nomenclature provides an indication of the approval date of the method and the date of the most recent editorial revision, if any.

This change was in response to users who sometimes found it difficult to determine the approval date of a specific method.

Each method carries a year designation:

6040 D:2025 SOLID-PHASE MICROEXTRACTION (SPME)  
OF TASTE AND ODOR COMPOUNDS

# Access to all methods, new and some older ones

The screenshot shows the Standard Methods website interface. The browser tabs at the top include 'standard methods - Search', 'SM Standard Methods', and 'Standard Methods'. The address bar shows 'https://www.standardmethods.org'. The navigation bar includes links for 'Browse', 'About', 'Resources', 'Support', and 'Discussion Forum', along with a search bar and a 'SUBSCRIBE' button. A sidebar menu on the left lists various parts of the standard methods, including 'Part 1000 - Analytical and Data Quality Systems', 'Part 2000 - Physical and Aggregate Properties', 'Part 3000 - Metals', 'Part 4000 - Inorganic Nonmetallic Constituents', 'Part 5000 - Aggregate Organic Constituents', 'Part 6000 - Individual Organic Compounds', 'Part 7000 - Radioactivity', 'Part 8000 - Toxicological Analysis', 'Part 9000 - Microbiological Analysis', and 'Part 10000 - Assessment of Aquatic Biology'. A green box highlights a banner for 'FlowCam The Ultimate Guide' which features five microscopic images. The main content area has a large blue banner with the text 'Access 500+ methods' and 'Over 50,000 water professionals worldwide trust Standard Methods for water and wastewater analysis techniques.' Below this, there are sections for 'Water?', 'Join Us!', and 'What's New'. The footer contains the URL 'https://www.standardmethods.org/#' and two buttons: 'Participate in the ongoing development' and 'View the latest published methods and'.

standard methods - Search

SM Standard Methods

Standard Methods

https://www.standardmethods.org

Browse About Resources Support Discussion Forum Search by Keyword or Method Number SUBSCRIBE

Part 1000 - Analytical and Data Quality Systems

Part 2000 - Physical and Aggregate Properties

Part 3000 - Metals

Part 4000 - Inorganic Nonmetallic Constituents

Part 5000 - Aggregate Organic Constituents

Part 6000 - Individual Organic Compounds

Part 7000 - Radioactivity

Part 8000 - Toxicological Analysis

Part 9000 - Microbiological Analysis

Part 10000 - Assessment of Aquatic Biology

FlowCam<sup>®</sup> The Ultimate Guide

Use Flow Imaging Microscopy to classify cyanobacteria with confidence

Access 500+ methods

Over 50,000 water professionals worldwide trust *Standard Methods* for water and wastewater analysis techniques.

Water? Join Us! What's New

Participate in the ongoing development View the latest published methods and

# Previous versions are available in pdf.

The screenshot shows a web browser with multiple tabs open, including 'standard methods - Search', 'SM 6020 QUALITY ASSURANCE/QUALITY CONTROL', and 'Standard Methods'. The address bar shows the URL: <https://www.standardmethods.org/doi/suppl/10.2105/SMWW.2882.116?role=tab>. The website header includes navigation links: 'Browse', 'About', 'Resources', 'Support', and 'Discussion Forum', along with a search bar and a 'SUBSCRIBE' button. The breadcrumb trail is 'Home » Part 6000 » 6020 QUALITY ASSURANCE/QUALITY CONTROL'. The main heading is '6020 QUALITY ASSURANCE/QUALITY CONTROL'. Below the heading, there are tabs for 'Abstract', 'Full Text', 'References', 'Previous Versions' (which is selected and underlined), and 'PDF/EPUB'. Under the 'Previous Versions' tab, a list of PDF links is provided: '6020, 21st edition.pdf', '6020, 22nd edition (2011).pdf', '6020, 23rd edition (2011).pdf', and '6020, 24th edition (2019).pdf'. On the right side of the page, there is a sidebar with several sections: 'Previous Section' and 'Next Section' with arrows; 'TAGGED IN:' with a bullet point for 'Chemical'; 'TOOLS' with links for 'Export Citation', 'Track Citations', 'Permissions', and 'Add To Favorites'; 'CITATION' with a paragraph of text and the DOI '10.2105/SMWW.2882.116'; and 'SHARE' with social media icons.

standard methods - Search × SM 6020 QUALITY ASSURANCE/QUALITY CONTROL × SM 6020 QUALITY ASSURANCE/QUALITY CONTROL × SM Standard Methods

← ↻ <https://www.standardmethods.org/doi/suppl/10.2105/SMWW.2882.116?role=tab> 🔍 ⚙️ ☆ 👤 ⋮

Browse ▾ About ▾ Resources ▾ Support ▾ Discussion Forum Search by Keyword or Method Number 🔍 **SUBSCRIBE** →

Home » Part 6000 » 6020 QUALITY ASSURANCE/QUALITY CONTROL

# 6020 QUALITY ASSURANCE/QUALITY CONTROL

Abstract Full Text References **Previous Versions** PDF/EPUB

- 6020, 21st edition.pdf
- 6020, 22nd edition (2011).pdf
- 6020, 23rd edition (2011).pdf
- 6020, 24th edition (2019).pdf

← Previous Section Next Section →

**TAGGED IN:**

- Chemical

**TOOLS**

Export Citation Track Citations

Permissions Add To Favorites

**CITATION**

Standard Methods Committee of the American Public Health Association, American Water Works Association, and Water Environment Federation. 6020 quality assurance/quality control In: Standard Methods For the Examination of Water and Wastewater. Lipps WC, Baxter TE, Braun-Howland E, editors. Washington DC: APHA Press.

DOI: 10.2105/SMWW.2882.116

**SHARE**

# Info button (new) provides approvals and what changed

The screenshot shows a web browser with multiple tabs. The active tab is titled "SM 6020 QUALITY ASSURANCE/QUALITY CONTROL". The address bar shows the URL: <https://www.standardmethods.org/doi/full/10.2105/SMWW.2882.116?role=tab>. The page content is partially obscured by a sidebar on the left and a right-hand panel.

**Info**

**Version**  
Update to the 24th edition (Published online April 18, 2025)

**Standard Methods Committee Approval Year:**  
6020 A, B, C: 2024

**EPA Approval**  
Referenced in Table 1C and 1D of 40 CFR 136 (most recent EPA-referenced version = 24th edition)

**Joint Task Group Chair**  
Jerry Parr

**Citation**  
Standard Methods Committee of the American Public Health Association, American Water Works Association, Water Environment Federation. Baxter TE, Lipps WC, eds. Individual Organic Compounds in Water and Wastewater: 6020 Quality Assurance/Quality Control. *Standard Methods for the Examination of Water and Wastewater*. Published online April 18, 2025.  
[/doi/abs/10.2105/SMWW.2882.021](https://doi.org/10.2105/SMWW.2882.021)

**QUALITY CONTROL**

**QA/QC Activities**

**TAGGED IN:**  
• Chemical

**TOOLS**  
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**CITATION**  
Standard Methods Committee of the American Public Health Association, American Water Works Association, and Water Environment Federation. 6020 quality assurance/quality control In: *Standard Methods For the Examination of Water and Wastewater*. Lipps WC, Baxter TE, Braun-Howland E, editors. Washington DC: APHA Press.  
DOI: 10.2105/SMWW.2882.116

**SHARE**  
Facebook Twitter LinkedIn Email Plus

**FROM THE DISCUSSION FORUM:**

# Recently Published Methods – 2110 Appearance

<https://www.standardmethods.org/page/summaryofupdates>

- 2110A
  - water quality aesthetics, including appearance, odor, and taste
  - drinking water regulations and guidance levels for drinking water aesthetics published by the US EPA, the WHO, the EU, Canada, and India.
- 2110B
  - contains a color Guide to Particles and Color in Tap Water,
  - check-if-apply list for customer complaints
  - table to guide selecting the appropriate sensory method

# Recently Published Methods – 2150 Taste and Odor

<https://www.standardmethods.org/page/summaryofupdates>

- 2150B
  - Technical revisions for sample storage, temperature range method blank
- 2150C
  - Added Inter-lab study data
  - Technical changes
- 2150D
  - Attribute Rating Test added
    - Sensory analysis with Inter-lab study

# Recently Published Methods – 4500 PAA and PFA

<https://www.standardmethods.org/page/summaryofupdates>

- Entire section updated to add Performic Acid



# Recently Published Methods – 6020 QA/QC Organics methods

- 6020A editorially revised,
  - suggests TNI for QMS
- 6020B substantial revisions on Lab QC practices
  - Calibration
  - IDC
  - MDL and MRL
  - Blanks
  - LFB, LFM, LFMD
  - Internal Standards or Surrogates
  - Extracted Internal Standards
- 6020C added to include additional QC practices
  - Corrective Action
  - Frequency of QC
  - Data Qualifiers and Narratives

## Updating the Quality Control Requirements for Organic Methods in Standard Methods

Crafting Consensus Standards  
Oral Presentation

Prepared by **J. Parr**

The NELAC Institute, 210 S Lamar St., Weatherford, TX, 76086, United States



**Contact Information:** [jerry.parr@nelac-institute.org](mailto:jerry.parr@nelac-institute.org); 817-308-0449

### ABSTRACT

Section 6020 of Standard Methods contains the general Quality Control (QC) requirements for all methods for analyzing organic constituents. This section was last reviewed in 2011. A Joint Task Group (JTG) was created to review 6020 to ensure that it is up to date with modern QC practices for specific organic methods, including, but not limited to GC, GCMS, GC-MS/MS, LC, LCMS, and LC-MS/MS. The primary goal of the JTG was to revise Section 6020 to make it more consistent with 3020, 4020, and 5020 to the extent possible. In addition, ensure that Part 6020 terms and definitions do not conflict with Part 1000; however and if necessary, terms and definitions for organic analysis may be added. Specifically, there is no discussion of the various calibration techniques such as isotope dilution and minimal discussion on internal standards and surrogates. In addition, there is no discussion of the various MS/MS techniques, such as used in 6040 or 6810. A goal is to make SM 6020 a resource for laboratories regarding discussion on organic analysis including extractions, quality control procedures including those largely unique to organic methods, calibration models and when to use them, and instrument techniques.

© Environmental Measurement Symposium

# Recently Published Methods – 6040 Taste and Odor Compounds

- 6040 A, B, C, and E editorially revised
- 6040D completely revised
  - 19 compounds
  - Descriptors, such as earthy, musty, ....
  - Inter-lab study
  - Ruggedness testing
  - Reduced sample volume
  - Holding time study

## Method Development and Analysis of 19 Taste & Odor Compounds in Drinking Water Following SM 6040D

Drinking Water  
Oral Presentation



Prepared by **K. Kohoutek<sup>1</sup>**, **H. Adams<sup>2</sup>**, **S. Reeder<sup>2</sup>**, **M. Ashman<sup>3</sup>**, **E. Morales<sup>4</sup>**, **C. Hoppe-Jones<sup>1</sup>**

1 - American Water, 1115 South Illinois St., Belleville, IL, 62220, United States

2 - Cypress Environmental Laboratory, City of Wichita Falls – Water Source & Purification Divisions, 4801 Big Ed Neal Drive, Wichita Falls, TX, 76310, United States

3 - Aqua Pennsylvania, 762 W. Lancaster Avenue, Bryn Mawr, PA, 19010, United States

4 - Weck Laboratories, 14859 Clark Avenue, Industry, CA, 91745, United States

**Contact Information:** [katie.kohoutek@amwater.com](mailto:katie.kohoutek@amwater.com); 618-210-8958

### ABSTRACT

Drinking water samples are routinely tested for aesthetic water quality concerns such as the Taste & Odor (T&O) compounds geosmin and 2-methylisoborneol (MIB) by solid-phase microextraction gas chromatography-mass spectrometry (SPME GC-MS) following Standard Method (SM) 6040D. However, public water systems (PWSs) would benefit from a more robust T&O method, encompassing a diverse range of compounds, to monitor systems from source to tap to inform treatment decisions.

In this work, SM 6040D was revised to include 19 T&O compounds from multiple odor categories including earthy, musty, grassy, woody, fishy, septic, fruity, and sweet. Calibration ranges were chosen to bracket Odor Threshold Concentrations for each compound when possible. Method development, sample preparation improvements, holding times, and analysis of the expanded list of compounds will be discussed. Four laboratories with different instrumentation, columns, and SPME fibers participated in an interlaboratory comparison study, and method performance, accuracy, precision, reproducibility, and ruggedness will be examined. Additionally, method application through the analysis of source water, treated water, and reclaimed water will be reviewed.

© Environmental Measurement Symposium

# Recently Published Methods – 7020 Quality Systems (RadChem)

- Table 7020:1 updated with new acceptance limits for SDWA PTs
- 7020 A.3 Quality Control revised
  - Specify standard deviation for control charts
- 7020 A.3d equation correction

# New Method Activity – Balloting in Process

- 5210 BOD – revisions for clarity
  - Based on comments
  - CBOD control limits
  - Blanks
  - GGA
- 6010 Introductory Material to organic analysis
- 10120 Cyano qPCR methods
- 10200 Plankton – Imaging method

<https://www.standardmethods.org/methodactivitynotification>

# New Method Activity – in process or seeking volunteers

## Part 1000

1020 Quality Assurance **JTG in progress**

1040 Method Development **JTG forming, seeking volunteers, chair or co-chairs**

1050 Expression of Results **JTG forming, seeking volunteers, chair or co-chairs**

1080 Reagent Water **JTG forming, seeking volunteers, chair or co-chairs**

1090 Lab Occupational Health and Safety **JTG in progress**

## Part 2000

2020 QA/QC **JTG in progress, volunteers welcome**

2120 Color **JTG forming, seeking volunteers**

2130 Turbidity **JTG in progress, volunteers welcome**

2540 QA/QC **JTG forming, seeking volunteers**

2710: Tests on Sludges

# New Method Activity – in process or seeking volunteers

## Part 3000

Part 3000 New method for metals speciation analysis with capability to measure trace levels. **Recruiting JTG members**

3020 Quality Assurance/Quality Control and information for JTG to review/revise to ensure essential quality control and equipment supplies and materials relevant information included. **Seeking Joint Task Group Chair**

3125: Interference Correction-REE: **Seeking labs for interlaboratory study; JTG in progress**

# New Method Activity – in process or seeking volunteers

## Part 4000

4500-F<sup>-</sup> Fluoride **Seeking volunteers**

4500-NH<sub>3</sub> **Seeking volunteers**

4500-N<sub>org</sub> **JTG in progress**

4500-N: Nitrogen **Recruiting for JTG members; seeking labs to participate in interlaboratory study**

Method for online measurement technologies; in collaboration with EPA.

**Actively recruiting; volunteers welcome**

## Part 5000

5220: Chemical Oxygen Demand (COD) **JTG in progress**

Method for online measurement technologies; in collaboration with EPA.

**Actively recruiting; volunteers welcome**

# New Method Activity – in process or seeking volunteers

## Part 6000

6040 Taste and Odor Compounds for method C Purge and Trap **Seeking JTG Chair**

6200 Volatile Organics **JTG in progress**

6410 Extractable Organics **JTG in progress**

6630 Organochlorine Pesticides **JTG in progress**

6910 New Method: PFAS **JTG in progress**

## Part 7000

7500-<sup>3</sup>H Tritium: Screening Method **JTG in progress**

7500-U Uranium **JTG in progress**



# New Method Activity – in process or seeking volunteers

## Part 9000

See Next Slide

9020: QA/QC **JTG in progress**

9213 G Enzyme Substrate, P aeruginosa **seeking JTG chair and members**

9215 E HPC, Enzyme Substrate Method, **seeking JTG chair and members**

9223: Enzyme Substrate Coliform Test **JTG in progress**

9230 D: Fecal Enterococci, Fluorogenic Substrate Test **seeking JTG chair and members**

## Part 10000

10120 - Cyano qPCR; **JTG in progress**

10210 Plankton, Method J: Flow Imaging Microscopy **JTG in progress**

10500 Benthic Macroinvertebrates **seeking JTG chair and members**

10750 Nematodes; **seeking JTG chair and members**

# Part 9000 update in detail

NEXT MEETING: ST. LOUIS, MISSOURI - AUGUST 4-8 2025

Environmental Measurement Symposium  
*a combined meeting of the Forum on Environmental Accreditation  
and the National Environmental Monitoring Conference*

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Information For...

Attendees

Exhibitors

Presenters

Innovative New Technology Showcase

Charlie Carter Award Nominations



Important Presenter Dates

Milestone	Due
Abstracts	2-7-25
Speaker Registration	6-20-25
Presentations	7-11-25

Standard Methods Part 9000 Update

Crafting Consensus Standards  
Oral Presentation

Prepared by **E. Turner**  
Eurofins Environment Testing, 1712 Addison Grace Lane, Wylie, TX, 75098, United States

Contact Information: [Elizabeth.Turner@et.eurofinsus.com](mailto:Elizabeth.Turner@et.eurofinsus.com); 945-248-7271

ABSTRACT

Standard Methods Part 9000 Update

Standard Methods for the Examination of Water and Wastewater is a consensus organization that develops and maintains analytical methods for water and wastewater analysis. The methods are organized in ten parts. Part 1000 serves as an introduction to analytical and quality systems while the remaining nine parts are organized based upon the type of analyte such as Part 3000 for Metals and Part 5000 for Aggregate Organic Constituents. Each Part is further organized by sections based on analytical group and/or analytical technique. Methods are contained in each section. Sections and Methods are reviewed and updated

Part 9000 of Standard Methods is on Microbiological Analysis of Water and Wastewater. There are currently several sections under review and revision:


- Section 9020 Quality Assurance / Quality Control, and
- Section 9223 Enzyme Substrate Coliform Test.

A new section is currently under development:

- Section 9810 Wastewater Surveillance.

Several other sections in Part 9000 are due for review and revision.

The author will present the current status of reviews and revisions for Part 9000 and discuss how individuals can become involved in Part 9000 activities.



Thursday  
Crafting Consensus  
10:35 – 11:00

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# Join the Standard Methods Committee

[Participation in Preparation of \*Standard Methods\*](#) is an introduction from the Joint Editorial Board.

The [Information Form](#) enables us to add you to the committee and record your interests in regard to water and wastewater analysis as well as Joint Task Group (JTG) membership.

Refer to the [Tentative Listing of Sections](#) to select the sections you would like to participate on as a JTG member.

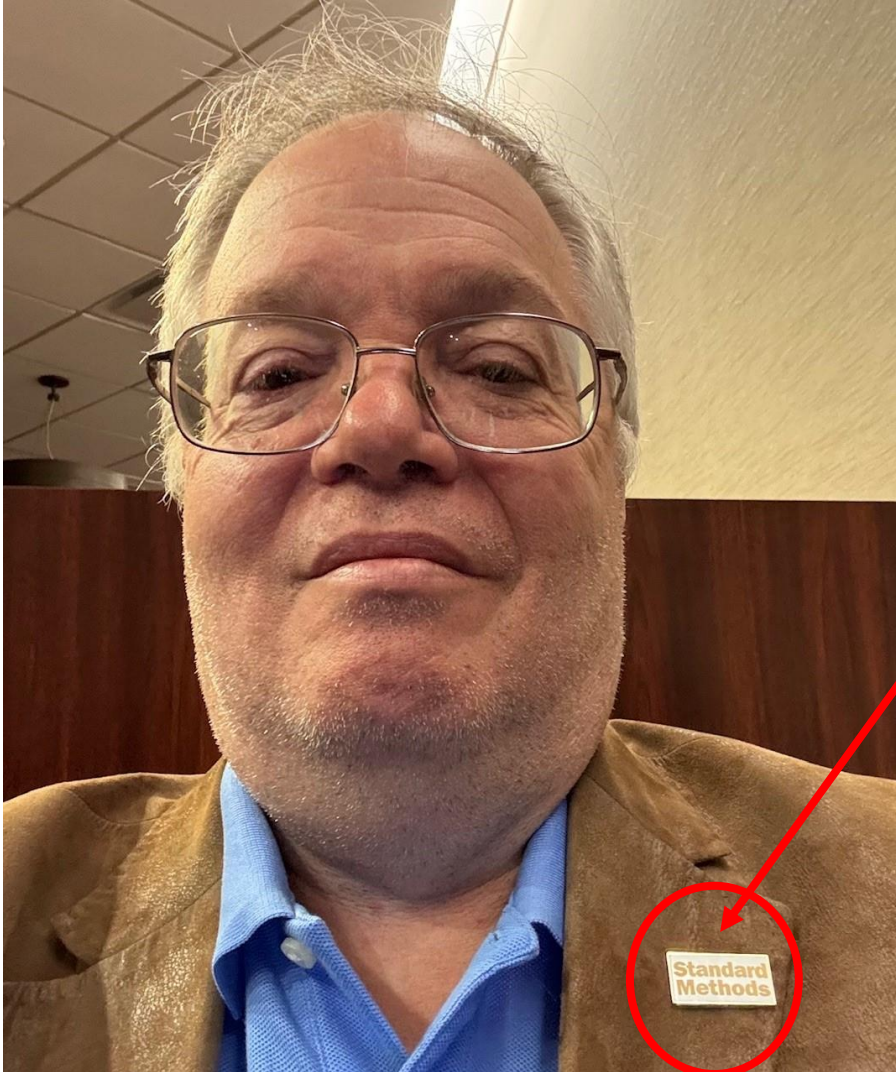
Finally, [General Ballot Response](#) provides information on the level of participation required to receive a complimentary seat for *Standard Methods Online*.

Please fill out the [Information Form](#) and send it to the [Standard Methods manager](#).

Thank you for your interest in *Standard Methods*.

# Questions?

wclipps@shimadzu.com



Ask for your  
member pin

