



NATIONAL DRINKING WATER ADVISORY COUNCIL

MICROBIAL AND DISINFECTION BYPRODUCT WORKING GROUP RECOMMENDATIONS

MDBP NDWAC Working Group Membership

- **Lisa Daniels, WG Co-Chair, Director**, Pennsylvania Department of Environmental Protection, Bureau of Safe Drinking Water
- **Andy Kricun, WG Co-Chair**, Managing Director, Moonshot Missions
- **Elin Betanzo** - Founder of Safe Water Engineering LLC.
- **Scott Borman** - General Manager, Benton/Washington Regional Public Water Authority
- **John Choate** - General Manager, Tri County Regional Water Distribution District
- **Dr. Kay Coffey** - Public Water Supply Engineering Manager and Group Project Adviser, Oklahoma Department of Environmental Quality Water Quality Division
- **Dr. Jeffrey Griffiths** - Professor of Public Health and Community Medicine, Tufts University School of Medicine
- **Michael Hotaling** -Facilities Manager (Retired), Newport News Waterworks Department
- **Jolyn Leslie** - Regional Engineer, Washington State Department of Health
- **Rosemary Menard** - Water Director, City of Santa Cruz
- **Bill Moody** - Director of the Bureau of Public Water Supply, Mississippi State Department of Health
- **Erik Olson** - Senior Strategic Director, Health & Food, Natural Resources Defense Council
- **Dr. Benjamin Pauli** - Assistant Professor of Social Science, Department of Liberal Studies, Kettering University
- **Nancy A. Quirk** - General Manager, Green Bay Water Utility
- **Lisa Ragain** - Principal Water Resources Planner, Metropolitan Washington Council of Governments
- **Alex Rodriguez** - President & CEO, Diversity Consulting Group
- **Lynn Thorp** - National Campaigns Director, Clean Water Action/Clean Water Fund
- **Gary Williams** - Executive Director, Florida Rural Water Association

MDBP Schedule

- EPA's schedule for the NDWAC's MDBP Rule Revisions WG meetings started in the Spring 2022
- WG met 12 times from May 2022-November 2023
- WG report delivered to NDWAC November 15, 2023
- NDWAC report delivery to EPA December 15, 2023

- EPA is targeting the following deadlines:
 - Rule proposal or a formal decision not to propose amended rules: NLT July 31, 2024*
 - Final Agency Action: Final rule or withdraw proposal by September 30, 2027*

*Source: [Waterkeepers Alliance, Inc. et al v. U.S. et al, EPA Settlement Agreement](#), filed June 1, 2020 (19 Civ. 899 (LJL)).

WG Report

1. All working group members reviewed the final report text and understood it would move forward to the NDWAC.
2. Report contains 13 Recommendations.
3. Each Recommendation includes an abbreviated statement of the recommended action, then "Background" and "Outcomes Sought"
4. Nine Recommendations received "Full" support of the Working Group. (Full = Yes from 18 WG members)
5. Three Recommendations received "Substantial" support. (Substantial = Yes from 15-17 WG members)
6. One Recommendation received "Full" support for Parts 1 and 2 and "Substantial" support for Part 3.

WG Recommendations and NDWAC Charge Topics

WG Recommendations

- R1: Disinfectant Residual
- R2: Premise Plumbing
- R3: DBP MCL Data and Analysis Gaps
- R4: Precursor Control
- R5: Finished Water Storage Tanks
- R6: Chloramination Practice
- R7: Consecutive Systems
- R8: Contaminant Source Control
- R9: Environmental Justice
- R10: PWS TMF Capacity
- R11: Primacy Agency Capacity
- R12: Overall MDBP Data and Analysis Gaps
- R13: GWUDI

NDWAC Consensus Recommendation Topics

- Disinfectant residuals and opportunistic pathogens
- Regulated and unregulated DBPs
- Finished water storage facilities
- Distribution system water quality management
- Source water approach, including DBP precursor removal
- Mischaracterized ground water under the direct influence of surface water (GWUDI) systems
- Sanitary Surveys
- Water Safety Plans
- Consecutive and small systems

MDBP Working Group Report Cross-Cutting Themes (Summarized from Report Section 3 “Key Themes Across Recommendations”)

- EPA will undertake substantial additional analysis as part of EPA rules revision evaluation and will be more in-depth than that available to WG members during their deliberations.
- Emphasis on delivering equitable outcomes across all communities irrespective of community and PWS capacity and underlying vulnerabilities – need to address affordability and develop a specific plan of action for small, rural, disadvantaged and historically underserved communities to ensure that no community or household gets left behind.
- There is an understanding that new requirements can place pressure on the affordability of drinking water services (especially small, rural, and EJ communities), and the recommendations seek to reflect a strong emphasis – consistent with the commitment to delivering equitable outcomes – on enhanced support to low-income customers; along with recognition that DWSRF funding is reliant on upgrades needed to comply with SDWA – it is difficult to get funding to implement guidance or best practices.
- Recommendations related to new requirements utilize a problem-based approach and seek to establish positive incentives for identifying and addressing problems proactively.
- Recommendations are assembled to work together to advance equitable public health improvement, even as individual recommendations, in and of themselves, can act to advance public health and improved PWS performance.
- Recommendations span from source water to tap and invoke SDWA changes, other federal authorities (e.g., TSCA, CWA, CAA), and a mix of regulatory and non-regulatory interventions.

Recommendations Overview



MEETINGS CLOSURE

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