



# Standards and Risk Management Update

National Drinking Water Advisory Council

December 4, 2019



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Director

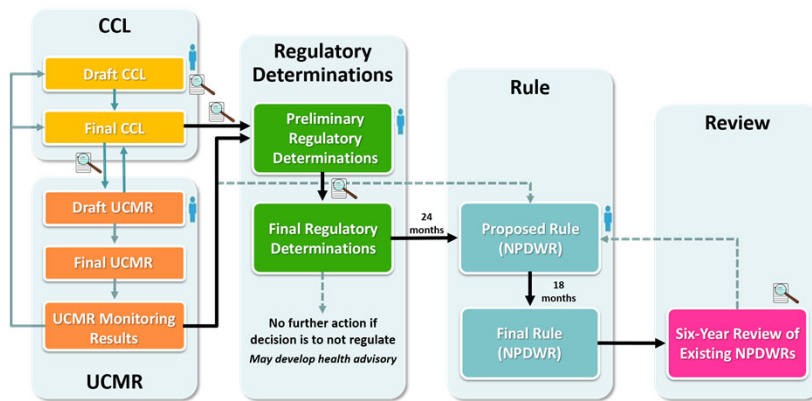
Standards and Risk Management Division  
Office of Ground Water and Drinking Water

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## SDWA-Process for developing drinking water standards



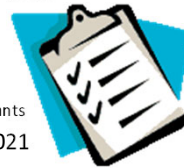
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## Contaminant Candidate List (CCL)

- **Published Final Fourth CCL (CCL 4) – November 2016**
  - Lists 97 chemicals or chemical groups and 12 microbial contaminants
  - CCL 4 info at- <http://www2.epa.gov/cct/draft-contaminant-candidate-list-4-ccl-4>
- **Development of Fifth CCL (CCL 5)**
  - Published Federal Register Notice requesting public nominations for contaminants for the EPA to consider including on CCL 5
  - Comment period closed December 4, 2018
    - Received 28 comment letters
    - 42 chemical contaminants/groups nominated and 18 microbial contaminants
  - Plan to publish Draft CCL 5 in FR for public comment in early 2021



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## Unregulated Contaminant Monitoring Rule

- EPA is engaging with states, public water systems, and laboratories to collect and report the UCMR 4 (2018 - 2020) data
- EPA published health-based “reference concentrations” and has worked with states to provide other risk communications
- Data are posted to the web ~quarterly (<https://www.epa.gov/dwucmr/occurrence-data-unregulated-contaminant-monitoring-rule>)
- EPA held two public meetings regarding Analytical Methods & UCMR 5
- UCMR 5 Proposal expected in 2020



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## Regulatory Determinations

- EPA is currently evaluating contaminants on the CCL4 for the fourth regulatory determinations (Reg Det 4) considering whether:
  - The contaminant may have adverse effects
  - The contaminant occurs or is substantially likely to occur with frequency at levels of public health concern, and
  - There is a meaningful opportunity for health risk reduction for persons served by water systems
- EPA intends to publish preliminary regulatory determinations for CCL4 contaminants in 2019.



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## MDBP and *Legionella*

- EPA published third Six-Year Review decision in January 2017.
  - Identified microbial and disinfection byproduct (MDBP) NPDWRs included in Surface Water Treatment Rule, LT1, and Stage 1 and Stage 2 DBP Rules as candidates for revision.
- EPA continues to assemble and analyze scientific data/information on health effects, occurrence, analytical methods, treatment, and implementation-related issues to support MDBP risk management and stakeholder engagement.
- EPA co-sponsored the development of a National Academies of Science, Engineering, and Medicine (NASEM) report on *Management of Legionella in Water Systems*.
  - EPA is considering NASEM advice and how it informs agency's next steps in supporting stakeholders' *legionella* management efforts.
- EPA is engaged in stakeholder discussions and other activities related to *Legionella* and other pathogens.

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## Six-Year Review 4

- EPA has been preparing for collection of contaminant occurrence and treatment data
  - **October 5, 2018**—EPA published Information Collection Request (ICR) for Six-Year Review 4 in a Federal Register notice for 60-day public comment.
  - **October 31, 2019**—EPA announced submission of the ICR to OMB for review and approval in a FR notice for additional 30-day public comment. Deadline for public comment was December 2, 2019.
  - **Early 2020**—EPA will send a data call letter to states requesting monitoring data from 2012 to 2019.
  - EPA continues to prepare for collection, storage, and management of Six-Year Review 4 data.
- Six-Year Review 4 is anticipated to be completed in 2023.



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## EPA's PFAS Activities

- EPA's 2019 PFAS Action Plan provides EPA's first multi-media, multi-program, national research, management and risk communication plan to address a challenge like PFAS.
- Responds to the extensive public input the agency received during the PFAS National Leadership Summit, multiple community engagements, and through the public docket.
- Drinking Water Commitments/Actions:
  - EPA is committed to following the MCL rulemaking process as established by SDWA. As a next step, EPA expects to propose a regulatory determination for PFOA and PFOS by the end of 2019.
  - The Agency is also gathering and evaluating information to determine if regulation is appropriate for other chemicals in the PFAS family.
  - EPA is developing a new method to test for additional, shorter-chain PFAS in drinking water (Method 533). We anticipate publishing the method by the end of 2019.
  - EPA will propose nationwide drinking water monitoring for PFAS under the next UCMR monitoring cycle (UCMR 5).

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## **Final Rule “Use of Lead Free Pipes, Fittings, Fixtures, Solder and Flux for Drinking Water”**

- The Proposed Rule “Use of Lead Free Pipes, Fittings, Fixtures, Solder and Flux for Drinking Water” (or “Lead Free”) was published in the *FR* January 17, 2017, followed by a public comment period, which closed on May 17, 2017.
- The proposed rule seeks to make conforming changes to existing drinking water regulations based on the Reduction of Lead in Drinking Water Act.
- Requirements to assure that plumbing materials sold and used in building and drinking water systems meet the new lead free requirements.
- Developing final rule informed by public comment – anticipate publishing Final Rule this winter.

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