



Introduction of Potential Expert Workshop Focus Topics




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Multi-Stakeholder Meeting
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Pathogens and Indicators of Fecal Contamination

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- ❖ Discuss use of appropriate pathogens, pathogen indicators, and fecal indicators for development of new or revised criteria in the near-term and the longer term, including:
 - ◆ Indicator Approach
 - ◆ Choice of Indicator

Methods Development

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- ❖ Discuss method development for detection of specific pathogens and fecal indicators, including molecular and traditional culture methods for use in development of new or revised criteria in the near-term, including:
 - ◆ Choice of Method

Approaches to Criteria Development

- ❖ Discuss approaches including 1986 criteria-style (i.e., risk-based, illness rate-based, use of fecal pollution indicators), WHO Annapolis Protocol, and new/innovative approaches for use in development of new or revised criteria in the near-term, including:
 - ◆ Single v “Toolbox” Approach
 - ◆ Geographical Applicability
 - ◆ Expression of Criteria


Risk to Human Health from Different Sources

- ❖ Discuss risk from non-human sources (including wildlife only sources), wet weather sources (including combined sewer overflows (CSOs)/separated sewer overflows (SSOs), stormwater runoff), treated point sources (POTWs, CAFOs) for use in development of new or revised criteria in the near-term, including discussion of:
 - ◆ Human Sources v. Animal Sources

Acceptable Risk

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- ❖ Discuss methodologies for determining acceptable risk that can be used for development of new or revised criteria in the near-term, including discussion of:
 - ◆ Population to be Protected
 - ◆ Protection of Humans in Drinking Water and Fish and Shellfish Consumption

Predictive Modeling

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- ❖ Discuss approaches to nowcasting and forecasting water quality based on various types of data, including monitoring and weather information and whether (and how) it can be used for development of new or revised criteria in the near-term.

Implementation Realities

- ❖ Discuss aspects of implementation in beach notification, assessment, TMDL development, and NPDES permitting programs. Specifically, discussing the implementation realities of EPA's current thinking regarding development of new or revised criteria in the near-term and any suggestions for improvements.
- ❖ Would address implementation aspects on the previously listed Focus Topics.