

Session I- Wednesday Morning - Chemistry

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Notes: Don Betowski

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- Need for a universal procedure to analyze many chemicals at once
- Need to decide which chemicals, which methods and in which matrices (water, sediment, tissue samples...)
- Need to decide what trying to do to determine when need an EPA-approved method
- Need toxicological/biological effects data
- Suggestion that EPA provide some prioritization by developing (or using an existing) Contaminant List approach (Came up more than once)

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- As methods develop, propose use a Round Robin validation approach to ensure methods are repeatable across labs/locations
- Concern expressed that many methods currently used require an “elite” lab
- Recognized that sample collection is a big barrier that will need to be addressed

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- Suggested that a compendium of available detection methods be prepared
- Suggested that EPA work with ASTM in developing “approved” detection methods
- Recognized that it is important how people report their method. Want to work toward methods where results can be compared.