



Unregulated Contaminants Monitoring Project -- Report to LCCMR

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Resources
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Unregulated Contaminants Monitoring Project (UCMP)

- Two primary goals:
 1. Characterize presence of selected unregulated contaminants in drinking water sources and associated finished water samples
 2. Identify screening approaches to simplify future monitoring efforts



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Unregulated Contaminants Monitoring Project: Parameter Selection

- Surface Water Systems: pharmaceuticals, pesticides, wastewater indicators, personal care products, alkyl phenols, benzotriazoles, hormones, PFAS, & illicit drugs
- Wastewater-Impacted Systems: pharmaceuticals, wastewater indicators, & PFAS
- Agriculture-Impacted Systems: pesticides

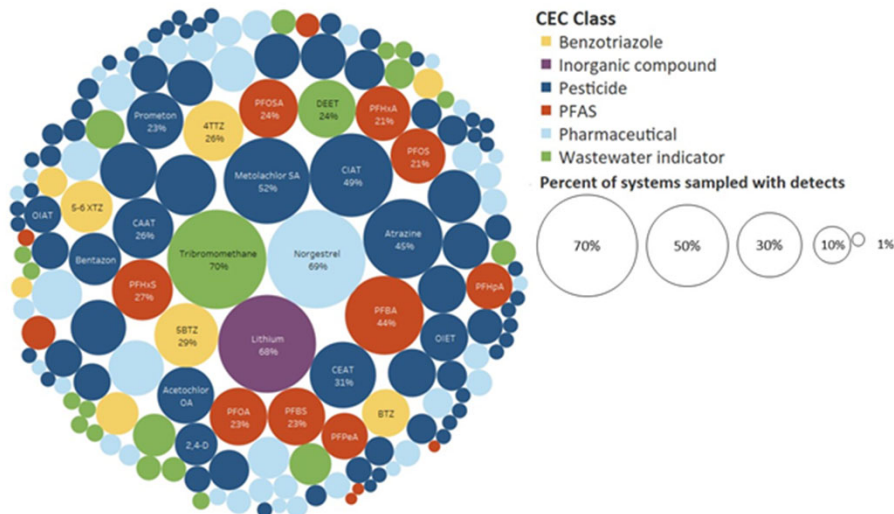


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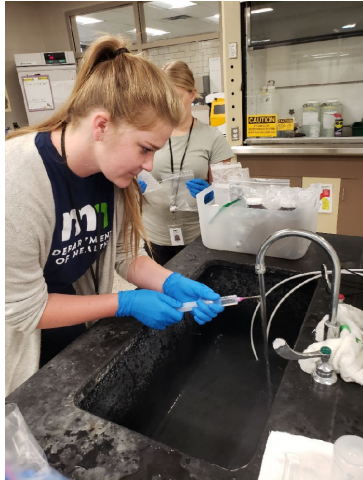
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Unregulated Contaminants Monitoring Project: Summary of CECs detected at all sites



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Summary of Results



- Very few samples exceeded health-based guidance
- Detections a small fraction of overall analytical results
- Pesticides and PFAS
- Results showed different occurrence frequency
 - In surface water vs. groundwater
 - In vulnerable groundwater settings

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UCMP – Important Outcomes

- Development of risk management approaches
 - Response framework
 - Risk communication toolkit
 - Risk mitigation strategies
- Nomination of multiple unregulated chemicals for health based guidance development
- Drinking water ambient monitoring



Human health
risk



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Thank you!

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