

# Preliminary Water Guidance Workplan FY2021

## MDH CONTAMINANTS OF EMERGING CONCERN (CEC) INITIATIVE

MDH staff conducted screenings of toxicity and exposure potential for 14 contaminants nominated to the MDH CEC Initiative this year. The screening and scoring results for these 14 contaminants were added to the existing pool of previously screened contaminants that have not undergone full review, creating a pool of 100 screened contaminants for consideration. Of the 100 screened contaminants, MDH considered 70 to have sufficient and applicable information available for MDH to complete an in-depth toxicological review, and 30 to have insufficient information for a review at this time. In addition, 14 contaminants were identified as disinfection byproducts (DBPs), five of which were also identified as having insufficient information for a full review. Exposure to DBPs results from the necessary health protective process of disinfection. Because the standard risk assessment process focuses on health risks and not health benefits, the DBPs will be evaluated through a Disinfection Byproduct Special Project. This leaves 61 screened chemicals eligible for consideration for the 2021 full review chemical workplan.

Based on the screening results, MDH assigned a preliminary ranking to each of the 61 contaminants for which an in-depth review is feasible. MDH identified the contaminants below as strong candidates for the FY2021 workplan. Stakeholder comments on these candidates are welcome and will be accepted through July 31, 2020.

Comments received will be considered and the proposed workplan for fiscal year 2021 (July 1, 2020 to June 30, 2021) will be revised as needed. The workplan and a summary of stakeholder comments received will be posted to the CEC Nomination and Selection Process webpage by the end of August.

MDH will select contaminants for guidance development from the workplan and may select contaminants that do not appear on this list per management request should an unforeseen need arise. The number of contaminants reviewed in FY2021 will depend upon factors such as staff availability and resources. MDH may not have the time or resources to review the complete list. Any contaminant not reviewed in FY2021 remains eligible for review and guidance development in the future.

Contaminant (in alphabetical order)	CASRN	Contaminant Use or Class
Anthraquinone	84-65-1	Used in dye manufacturing, as a goose repellent, and in the paper pulping process.
Cobalt	7440-48-4	Naturally occurring element.
Fluconazole	86386-73-4	Antifungal agent used to treat fungal infections in people.
Lithium	7439-93-2	Naturally occurring element used as a pharmaceutical as well as in batteries.
2-Methoxyethanol	109-86-4	Alcohol used as a solvent in varnishes, dyes, resins. Used in airplane deicing solutions.
Oxyfluorfen	42874-03-3	Pesticide
Perfluorodecanoic acid (PFDA)	335-76-2	PFAS compound
Perfluorohexanoic acid (PFHxA)	307-24-4	PFAS compound
Perfluorononanoic acid (PFNA)	375-95-1	PFAS compound
o-Toluidine	95-53-4	Semivolatile chemical used in dyes, manufacturing of some pesticides, accelerator for some glues, and as a reagent in some clinical tests.
Tributyl phosphate (TBP)	126-73-8	Solvent, anti-foaming agent and plasticizer

## Links

### CEC Nomination and Selection Process

<https://www.health.state.mn.us/communities/environment/risk/guidance/dwec/index.html#cecnom>

### Disinfection Byproduct Special Project

<https://www.health.state.mn.us/communities/environment/risk/guidance/dwec/dbps.html>

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