



## Air Toxics Screening Level Justifications Open for Public Comment

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD) develops air toxics screening levels, which are health-based ambient air concentrations that provide public health protection. These screening levels are developed according to Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The screening levels are used in the implementation of Michigan's air permitting rules that apply to new or modified sources that emit a toxic air contaminant and are required to obtain a Permit to Install. Under these rules, the emission of a toxic air contaminant cannot result in a maximum ambient air concentration that exceeds an applicable health-based screening level.

Historically, AQD toxicologists developed screening levels and posted them on the AQD web page, whereas the "justification" memos describing the bases for the screening levels were only available upon request. The public has always had the ability to comment to the AQD informally about the screening levels and how they were derived. Under rule revisions that went into effect on December 20, 2016, the AQD has formalized the comment process. The AQD will provide a 30-day formal public comment period on all health-based screening levels and their justifications.

**A comment period is open and EGLE is receiving comments on the following chemicals:**

**The comment period for the following listed chemicals starts April 15, 2025, and ends May 15, 2025.** The list of screening levels and justification documents undergoing comment is given below. Sixteen chemical screening levels are available for comment in the [Air Toxics Screening Level list](#):

CAS No.	Chemical Name	Screening Level*	Averaging Time
100-06-1	4'-Methoxyacetophenone	5	annual
104-75-6	2-Ethylhexylamine	20	annual
105-39-5	Ethyl chloroacetate	80	annual
124-41-4	Sodium methylate	10	1 hour
431-03-8	Diacetyl	0.2	8 hour
593-60-2	Vinyl bromide	0.07	annual
3112-74-1	Copper propionate	7	8 hour
7722-76-1	Monoammonium phosphate	PM NAAQS	
18540-29-9	Chromium, hexavalent (ITSL)	0.03	annual
18540-29-9	Chromium, hexavalent (IRSL)	0.00006	annual

CAS No.	Chemical Name	Screening Level*	Averaging Time
63148-62-9	Siloxanes and silicones, dimethyl	2	annual
68037-58-1	Siloxanes and silicones, dimethyl[(dimethoxymethylsilyl)oxy]-terminated	0.1	annual
68037-88-7	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl[(ethenyldimethylsilyl)oxy]-terminated	0.1	annual
68083-19-2	Siloxanes and silicones, dimethyl, vinyl-group terminated	0.1	annual
68918-22-9	Siloxanes and silicones, dimethyl, chloro-terminated, reaction products with 4-(phenylamino)phenol	0.1	annual
69430-24-6	Cyclosiloxanes, dimethyl	30	annual
70131-67-8	Polydimethylsiloxane hydroxy-terminated	200	annual

\*micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

Within 60 days of the close of the public comment period, the AQD will respond to all substantive comments received. The AQD will also post on this website the paraphrased comments for each toxic air contaminant and the AQD's responses, including any changes to the screening levels resulting from addressing comments. As directed by the rules, all screening levels are in effect immediately once established by the AQD, notwithstanding the formal public comment process. This is to provide clarity to permit applicants and ensure that permitting will be timely.

A comment may be submitted by following these instructions:

- Open [MiEnviro portal](#).
- Choose "Air Toxics Screening Level."
- This will take you to the "Air Toxic Chemical Search" page.
- In the search bar, click the "▼" on the far-right side of the search bar.
- This brings up a search box – Under the "CAS Number" search field, click the box next to "On Public Notice."
- Click on the blue "search" button to the right of the search bar.
- Select the chemical you want to review.
- Click on the "View Public Notice" button in the far-right column and open the file.
- Select the "Documents" tab to view the documents and click on the "↓" (download symbol) on the far right to download the document.
- Select the "Add Comment" tab and fill out the fields to enter your comment. There is also a place to attach files to your comment.
- Then click "Submit."