

Air Toxics Science Advisory Committee Meeting #8: Diesel Particulate Matter

May 14, 2025 (10 am-1 pm PST)



The Oregon Department of Environmental Quality (DEQ) and Oregon Health Authority (OHA) are currently reviewing the inhalation toxicity reference values (TRVs) used in DEQ's air quality programs. DEQ is seeking ATSAC feedback on DEQ's proposed cancer TRV for inhalation exposure to diesel particulate matter (DPM). DEQ requests that ATSAC members

1. Read [DEQ's Proposal for the Diesel Particulate Matter Cancer Toxicity Reference Value: Framing Document for DEQ's ATSAC](#) (ATSAC Document #8)
2. Prepare answers to the questions in Appendix B of Document #8
3. Be ready to discuss answers on May 14th with other ATSAC members

Schedule

15 minutes	Welcome Open meeting, roll call and agenda review
As long as needed	ATSAC Discussion on DPM ATSAC members will discuss the following questions from the DPM framing document, which relate to changing DEQ's cancer TRV for inhalation exposure to DPM: <ol style="list-style-type: none">1. Do you see additional uncertainties with the proposed cancer TRV not already covered in the DPM Framing Document?2. It appears Ramboll Environ (see Table 1 of Ramboll Environ's white paper) calculated an inhalation unit risk (IUR) for Vermeulen et al. 2014 using an excess lifetime cancer risk of 17 per 10,000 at a DPM-proxy (elemental carbon) concentration of 1 µg/m³ (see Table 2 of Vermeulen et al. 2014). What do you think about Ramboll's approach and DEQ's interpretation of where that IUR came from?3. Is there another IUR from the Ramboll paper (or average of some or all of them) (Table 1 of Ramboll Environ's white paper) that you believe is more scientifically sound than CalEPA's IUR for DPM?4. What other questions or concerns do you have related either to the proposed DPM cancer TRV or to the DPM Framing Document?5. Do you agree with CalEPA's inhalation unit risk DEQ proposes to adopt to calculate a cancer TRV? If not, do you have an alternative suggestion?
After 1 hour	Break (10 minutes)
10 minutes	Next Steps Review next steps in DEQ's TRV rulemaking

Additional Information

Previous ATSAC meeting materials are available on DEQ's [ATSAC website](#). For more information, please contact DEQ's Cleaner Air Oregon Program (cleanerair@deq.oregon.gov).

Translations or other formats

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