

Air Toxics Science Advisory Committee Meetings #5-7: Discussion of TRV Proposals

Cleaner Air Oregon Program

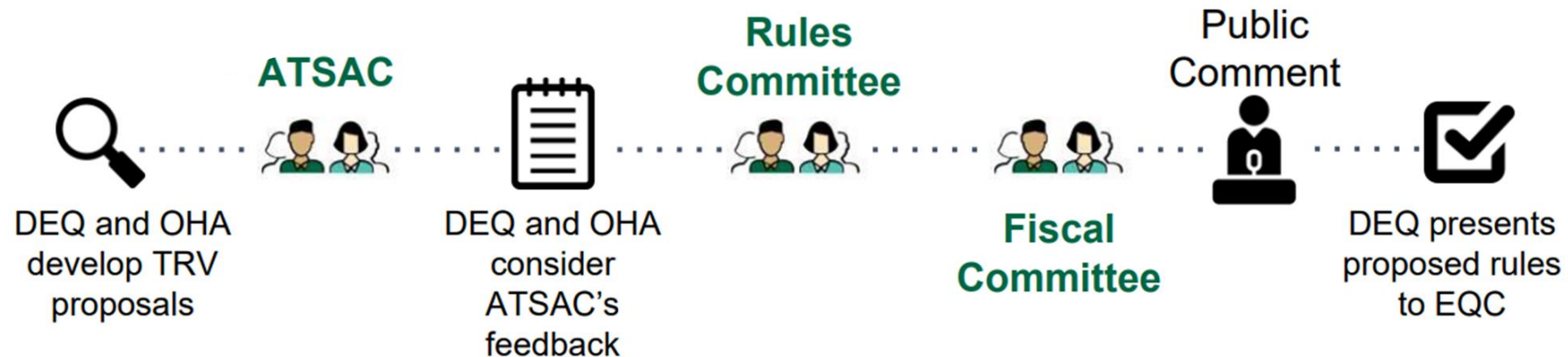
February 10, 11, and 19, 2025
Virtual Meetings

Zoom Webinar

- Only panelists have ability to speak
- We are recording, will be available on ATSAC website
- Closed captioning available
- Chat disabled, Q&A disabled

TRV Review and Update Rulemaking

Oregon DEQ and Oregon Health Authority (OHA) are currently reviewing the inhalation TRVs used in DEQ's air quality programs



Agenda

- Welcome (15 mins)
- ATSAC Discussion Period (60 mins)
- Break (20 mins)
- ATSAC Discussion Period (60 mins)
- Next Steps (10 mins)

How to Find ATSAC Materials Online
DEQ ATSAC website under
the “Committee meetings and documents” section
<https://www.oregon.gov/deq/aq/air-toxics/pages/atsac.aspx>

Current Series of ATSAC Meetings

ATSAC Meetings	Date	Plan
Meeting #4 Preparation Meeting for TRV Proposals	1-15-2025	<ul style="list-style-type: none">• Introduce ATSAC to all the TRV update materials to review before meetings #5-8
Meetings #5, 6, and 7 TRV Proposals	2-10-2025 & 2-11-2025 & 2-19-2025	<ul style="list-style-type: none">• ATSAC members will discuss the overall TRV update process as well as specific TRV proposals
Meeting #8 Diesel Particulate Matter	To Be Scheduled	<ul style="list-style-type: none">• ATSAC will discuss the cancer TRV for diesel particulate matter

Today's Meeting

- You will discuss the ATSAC discussion questions in [Document 3: ATSAC Meetings #5-7 Discussion Questions](#)
- We will ask the questions in the order that they appear in Document 3
- The discussion in meetings #6 and #7 will pick up wherever the discussion left off in the previous meeting

ATSAC Discussion

Overall Process Questions

Related Resources

[Document 1: Overview of TRV Review](#)

[Document 2: QC of Toxicity Reference Values ATSAC](#)

[Meeting #4 PPT Slides](#)

Overall Process Questions

1. Do you feel prepared to go through these discussion questions?
2. What was your experience like preparing for this review process as an ATSAC member?
3. Do you agree with DEQ's and OHA's overall process for reviewing and updating TRVs?

Overall Process Questions

4. Do you have any questions related to the *Overview of TRV Review* document ([Document 1](#))?

Overall Process Questions

5. Do you agree that the quality control process was adequate ([Document 2](#))?

ATSAC Workbook Questions

Related Resources

[Workbook 1: DEQ Proposed TRVs](#)

[Workbook 2: TRV Derivation](#)

Workbook Questions

1. Did Workbooks 1 and 2 capture the right information?
2. Did you identify any systemic or thematic problems with either workbook that could be improved?
3. Are there any missing functionalities in Workbooks 1 or 2 that should work differently that we could improve for the next time we do TRV updates?
4. Were you able to access all the information you needed to make decisions about whether to support DEQ's proposed TRVs?

Questions on
Document 4: Proposed TRVs Where
DEQ is the Authoritative Source

Document 4 Questions

1. What feedback or concerns do you have about the way DEQ proposes to adjust acute TRVs for exposure time in many cases (Section 2)?

Document 4 Questions

2. Are there any specific toxic air contaminants in section 2 to which Haber's Law should not be applied to adjust exposure time?

Document 4 Questions

3. What feedback or concerns do you have about the cases where DEQ proposes to apply toxicity information from a better studied toxic air contaminant (TAC) to a lesser studied, structurally similar TAC (Section 3)?

Document 4 Questions

4. What feedback or concerns do you have about cases where DEQ proposes to modify TRVs by changing uncertainty factors (Section 4)?

Document 4 Questions

5. Do you have feedback or concerns about cases where DEQ proposes to derive TRVs by making other types of modifications to values developed by other agencies (Section 5)?

Document 4 Questions

6. Do you have any feedback or concerns about DEQ using the list of relative potency factors provided by the [Minnesota Department of Health](#) for carcinogenic PAHs (using the 2017 IRIS IUR for benzo[a]pyrene as the index) (Section 5 table 6)?

Document 4 Questions

7. Do you have feedback or concerns about any of the TRVs that DEQ is proposing to adopt without modification from non-authoritative (i.e., not EPA, ATSDR, or CalEPA) sources (Section 6, Table 7)?

Document 4 Questions

8. Pending DEQ and OHA consideration of ATSAC comments in previous discussion questions, do you agree with the TRVs where DEQ (in consultation with ATSAC) is the proposed authoritative source?

Document 4 Questions

9. What feedback do you have related to the *Proposed TRVs Where DEQ is the Authoritative Source* document?

Questions on
Document 5: Proposed Groupings of
Toxic Air Contaminants

Document 5 Questions

1. Do you have any feedback or concerns about how we plan to organize groups of chemicals and how we plan to account for their toxicity?
2. Do you agree that these are the right compounds within each group?

Document 5 Questions

3. The World Health Organization (WHO) has a 2024 set of toxic equivalency factors (TEFs) for dioxins and furans. DEQ is currently proposing to keep using the 2010 EPA TEFs as applied by OEHHA. No other jurisdictions have adopted the new WHO TEFs to DEQ's knowledge.

Should DEQ continue to apply EPA's 2010 recommended TEFs as proposed or consider proposing the 2024 WHO TEFs instead (Section 3.1)?

Questions on
Document 6: Proposed TRVs using
Screening PPRTVs as the
Authoritative Source

Document 6 Questions

1. What feedback or concerns do you have related to the *Proposed TRVs using PPRTV Values as the Authoritative Source* document?
2. Is the science behind PPRTV screening values sufficiently robust to use for DEQ's air quality programs, including regulatory applications, when no other toxicity information is available?

Questions on
Document 7: Proposed TRVs Not Yet
Finalized by Authoritative Sources

Document 7 Questions

1. Do you have any feedback or concerns about DEQ proposing to use the TRVs listed in this document (Table 1) that are not yet finalized by authoritative sources?
2. Would you propose an alternative in the case of any or all these toxic air contaminants?

General Questions

All materials linked in
[Document 1: Overview of TRV Review](#)

General Questions

1. Did you find any errors or have feedback or concerns about the content in any of the ATSAC review materials?
2. Do you have any feedback or concerns about a specific toxic air contaminant TRV that we have not discussed or flagged anywhere else?

Next Steps

Next Steps for ATSAC Members

- Revise responses to discussion questions (Document #3)
- Attend the next meetings to discuss the TRV proposals
 - February 11, 11:30 am – 2:30 pm PST, **tomorrow**
 - February 19, 11 am – 2 pm PST, **next Wednesday**
 - Meeting #8, **to be scheduled**
- Contact OHA toxicologists if you have any issues or questions

OHA Contact Information

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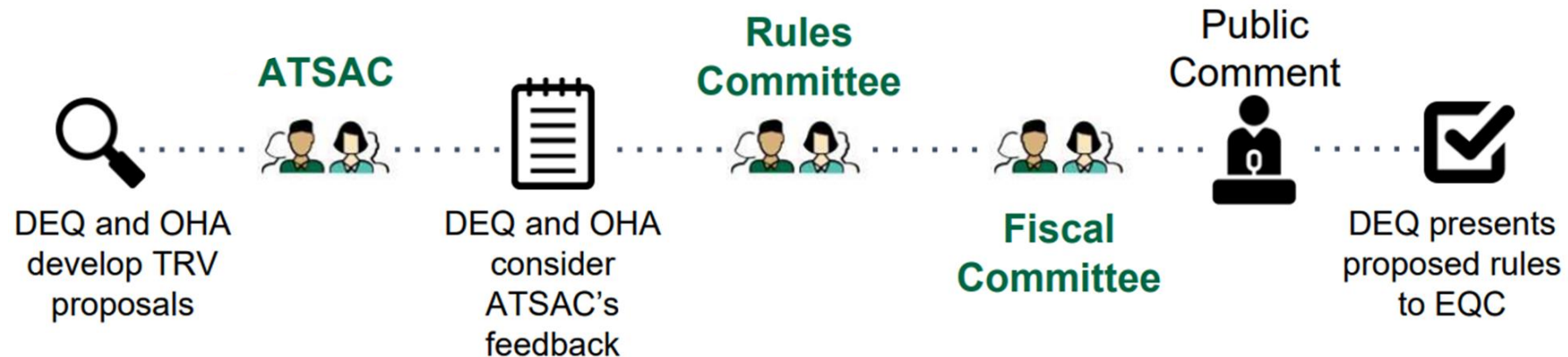
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Thank you!

DEQ Contact Information

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