

VOCs in Consumer Products and Architectural and Industrial Maintenance Coatings

Rulemaking Advisoryc Committee Meeting 3

DEQ Air Quality Planning

Oregon Department of Environmental Quality

Date: Dec, 13, 2024

Location: virtual

Agenda

Time	
12 p.m. PT	Icebreaker and expectations (led by Megan D., everyone)
12:10 p.m.	Overview of meeting purpose/recap of previous rulemaking advisory committee meetings Brief overview of issues related to toxics in consumer products (Farrah F.)
12:20 p.m.	Brief overview of Alternative Compliance Plan and Innovative Products Exemptions (Megan D.)
12:25 p.m.	Overview of technical issues and problem product categories under OTC phase 5/ CARB standards (Doug R., Rhett C., Nicholas G.)
1:10 p.m - 2 p.m	Open discussion and Q/A (everyone)

Welcome and Introductions

- Hello and welcome
- Introductions
 - DEQ staff and Facilitator
 - Rulemaking Advisory Committee members
 - **Name, pronouns and affiliation**
- Icebreaker activity
 - What is your favorite winter food?**

Expectations and Conduct

- Prepares for and sets aside time for the meetings
- Provides DEQ staff with copies of relevant research and documentation cited during the meeting
- Stays focused on the specific agenda topics for each meeting
- Comments constructively and in good faith
- Consults regularly with constituencies to inform them on the process and gather their input
- Treats everyone and their opinions with respect
- Allows one person to speak at a time
- Is courteous by not engaging in sidebar discussions
- Avoids representing to the public or media the views of any other committee member or the committee as a whole

Meeting Process and Procedures

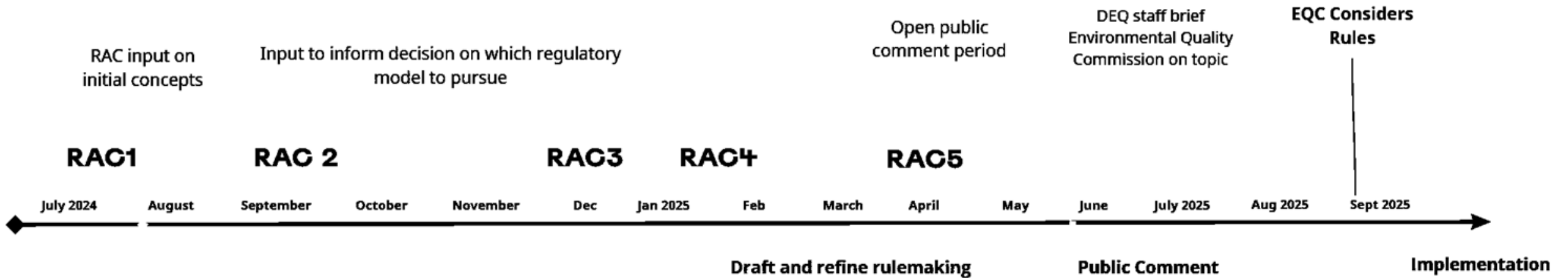
How RAC members can participate in this meeting:

- Please stay muted until called on
- If you want to contribute to the meeting, please raise your hand using the raise hand function
- Please feel free to include resources in the chat, they will be added to the official minutes
- Meeting is recorded for public record

Resources

[Department of Environmental Quality : Volatile Organic Compounds 2025 : Rulemaking at DEQ : State of Oregon](#)

Rulemaking Timeline



Primary Rulemaking Goal

To instate a pro-active regulation that helps DEQ meet air quality standards, particularly for ozone and protects public health.

Recap: Summary of Options Currently Under Consideration

Option A

CARB Rules
(CP + AIM)



Option B

OTC Rules
phase 5 for CP
phase 2 for AIM

Option C

OTC Rules
phase 4 for CP
phase 2 for AIM



Recap: Committee Survey



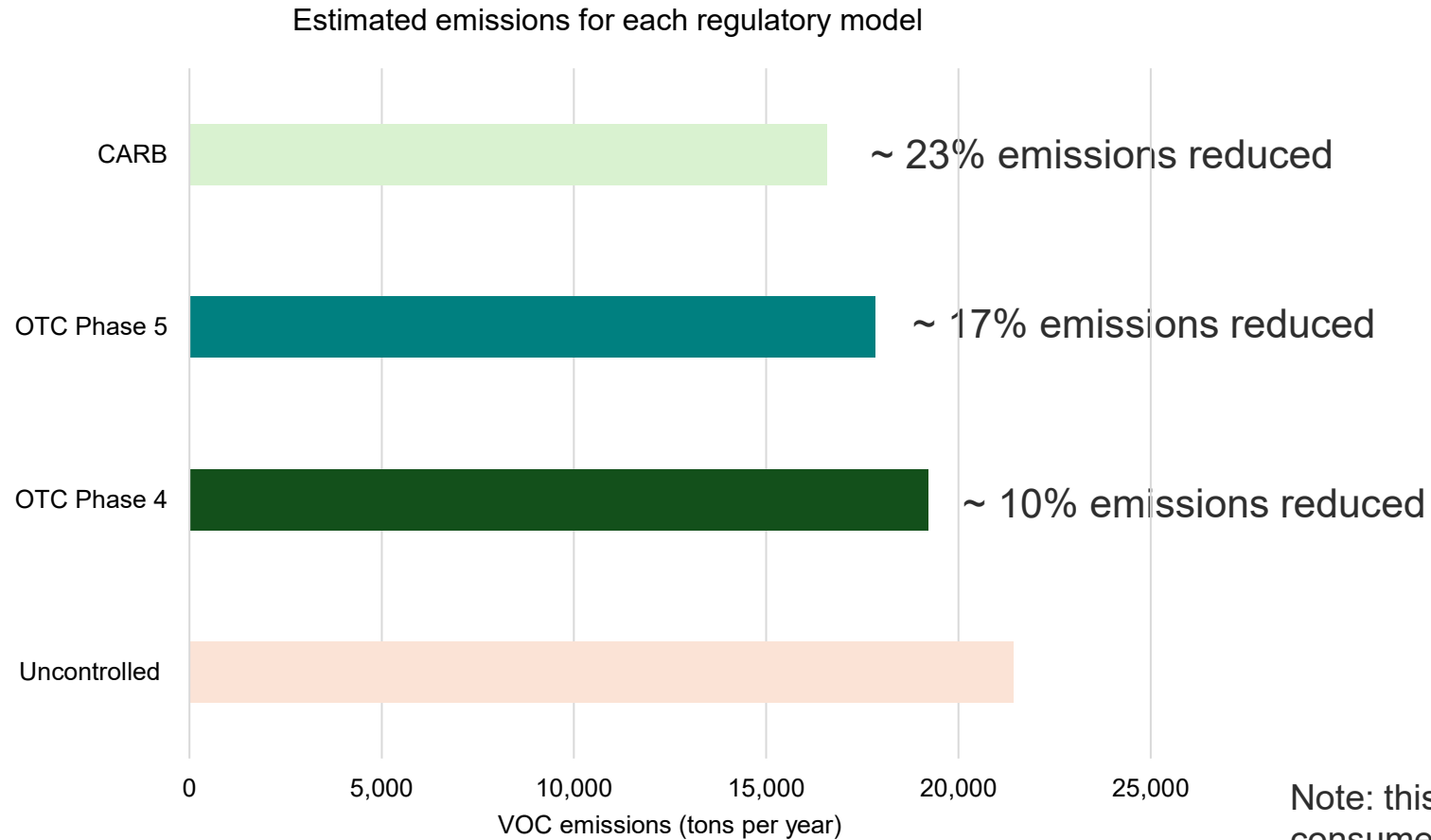
Survey Question: based on your knowledge, which regulatory model are you most supportive of?



Committee responses:

- CARB rules for consumer products and coatings: 55.6%
- OTC phase 5 for consumer products, phase 2 for coatings: 0 %
- OTC phase 4 for consumer products, phase 2 for coatings: 44.5%

Emissions Benefits



Note: this only includes an estimate for consumer products and not AIM coatings

Some Potential Public Health Impacts and Considerations



Toxics in Consumer Products

Examples of compounds that can be toxic in consumer products:

- phthalates and other hormonal disruptors
- PFAS chemicals
- diethanolamines
- triclosan
- parabens
- formaldehyde



Toxics in Consumer Products

- Some toxic compounds are prohibited in the CARB rules for certain product categories:

methylene chloride, perchloroethylene, trichloroethylene
parachlorobenzotrifluoride, para-dichlorobenzene

OTC phase 5 also limits
these 3 chemicals

- CARB and OTC rules also prohibit compounds that also have a global warming potential value of 150 or greater in many product categories

Other Considerations Around Toxics

- DEQ will favor a regulatory option that promotes safe reformulations
- There are several other regulations that will protect Oregon consumers from toxics, such as the Oregon Toxic-Free Cosmetics Act, which will take effect in 2027

Additional Concerns Around Toxics?

Potential Impacts to Industry and Considerations



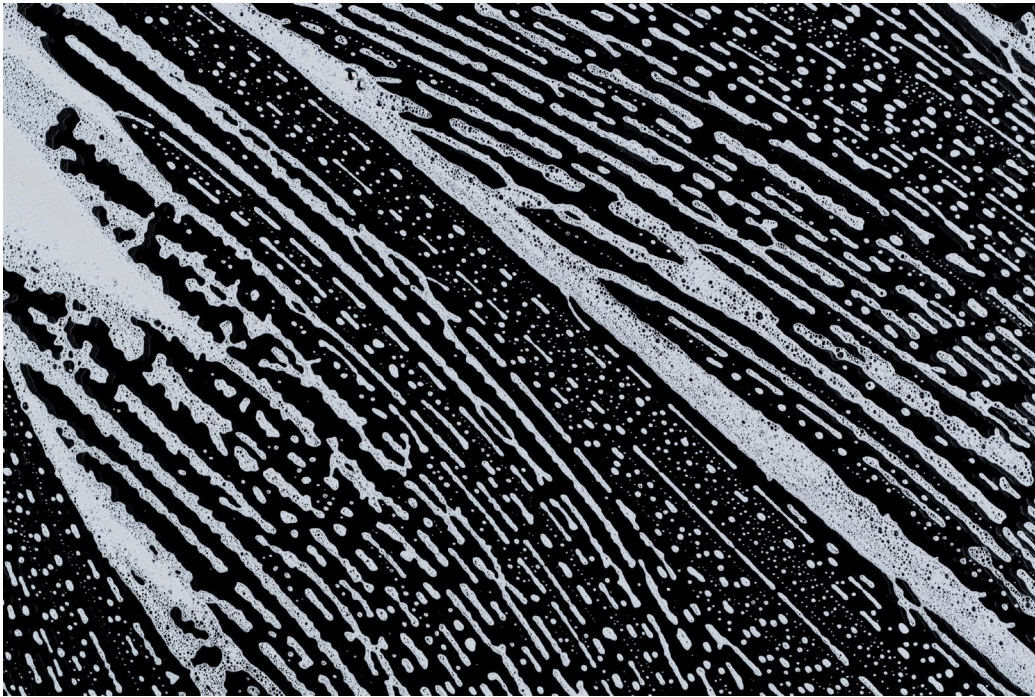
What aspects of regulatory models provide industry some flexibility to meet the VOC standards?

CARB Alternative Control Plan

- Voluntary alternative approach to comply with the VOC limits in the Consumer Products Regulation by allowing manufacturers to set up a plan for a group of products
- Allows averaging of expected VOC emissions across a group of products



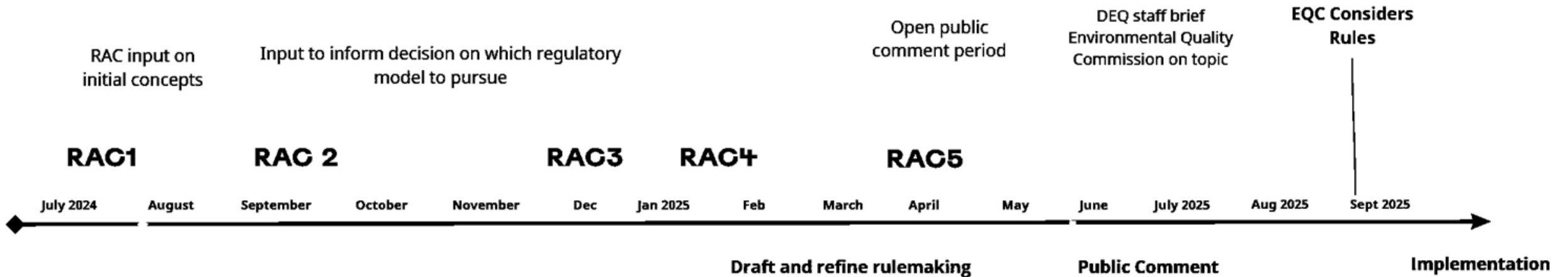
CARB Innovative Products Exemption



- Manufacturer demonstrates that a product results in less VOC emissions than a “representative consumer product” typically because less product is needed
- Alternative pathway for compliance
- Provides flexibility to industry while still complying with regulation

**More about industry impacts
and considerations from our
industry representatives...**

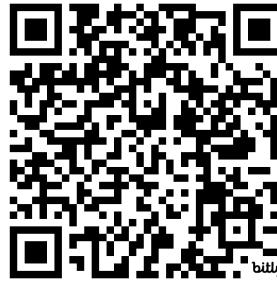
Rulemaking Timeline



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[Visit the rulemaking page](#)

option: scan the QR code to access
the rulemaking web page



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