

Advisory Committee Meeting

Thursday, March 24, from 9 a.m. to 11 a.m. PST

Meeting Agenda

9:00 – 9:20 a.m. Introductions and March 17, 2022 meeting recap¹

- Participant introductions (see [Attachment 1](#) and [Attachment 2](#))
- Recap: Project focus, timeline, input methods, and meeting topics
- March 17 meeting key areas of input
- Parking lot: Next steps
- Questions

9:20 – 9:50 a.m. Discussion topic: Phthalates in the environment

- Objectives
- Discussion areas (see [Attachment 3](#))
- Scope input

9:50 – 10:00 a.m. Break

10:00 – 10:40 a.m. Discussion topic: Phthalates in the environment—continued

- Discussion areas (see [Attachment 3](#))
- Scope input

10:40 – 10:50 a.m. Public input and questions

- Scope input and questions

10:50 – 11:00 a.m. Next steps

- Next steps in the scoping process

Project Links and Contact

- [Project webpage \(on EZ view\)](#)²
- [Online comment form](#)³ for feedback and questions
- [Washington Administrative Code 137-333-340](#)⁴
- Project email: ChemActionPlans@ecy.wa.gov

¹ This project has been funded wholly or in part by the U.S. Environmental Protection Agency (EPA) under assistance agreement PC-01J18101 to the Washington Department of Ecology. The contents of this document do not necessarily reflect the views and policies of the EPA, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

² https://www.ezview.wa.gov/site/alias__1962/37711/phthalates_action_plan.aspx

³ <https://hwtr.ecology.commentinput.com/?id=haD3V>

⁴ <https://app.leg.wa.gov/WAC/default.aspx?cite=173-333-340>

Attachment 1: Agency Project Staff (March 2022)

Ecology

- Gary Palcisko, Air Quality Program
- Callie Mathieu, Environmental Assessment Program
- Autumn Falls, Hazardous Waste and Toxics Reduction Program
- Amy Leang, Hazardous Waste and Toxics Reduction Program
- Nathan Lubliner, Hazardous Waste and Toxics Reduction Program
- Irina Makarow, Hazardous Waste and Toxics Reduction Program
- Cheryl Niemi, Hazardous Waste and Toxics Reduction Program
- Amber Sergent, Hazardous Waste and Toxics Reduction Program
- Marissa Smith, Hazardous Waste and Toxics Reduction Program
- Sascha Stump, Hazardous Waste and Toxics Reduction Program
- Lauren Tamboer, Hazardous Waste and Toxics Reduction Program
- Emily Kijowski, Solid Waste Management Program
- Blake Nelson, Solid Waste Management Program
- Andrew Kallus, Toxics Cleanup Program
- Frances Bothfeld, Water Quality Program
- Justin Donahue, Water Quality Program (grant management)

Health

- Elinor Fanning
- Lenford O'Garro
- Nancy Bernard
- Trace Warner
- Emerson Christie

Fish and Wildlife

- Louisa Harding
- Mariko Langness
- James West

Natural Resources

- Erika Shaffer

Attachment 2: Advisory Committee Members (as of March 21, 2022)

- Eileen Conneely, American Chemistry Council
- Tim Shestek, American Chemistry Council
- Peter Godlewski, Association of Washington Business
- Pat Harmon, BASF
- Dana de Leon, City of Tacoma
- Mary Henley, City of Tacoma
- Cheri Peele, Clean Production Action
- Nicole Thomsen, Collaborative on Health and the Environment & Snohomish County Health District
- David Adenuga, ExxonMobil Chemical Company
- Nsilo Berry, Healthy Building Network
- Teresa McGrath, Healthy Building Network
- Carrie Brown, Household and Commercial Products Association
- Ashley Evans, King County Hazardous Waste Management Program
- Tony Garcia, Multicare Health System
- Larry Dunn, National Tribal Toxics Council
- Amy Ohlinger, Northwest Biosolids
- Daniel Thompson, Northwest Biosolids Board
- Steve Thompson, Northwest Biosolids Board
- Sheela Sathyanarayana, Seattle Children's Pediatric Environmental Health Specialty Unit
- Shirlee Tan, Public Health Seattle King County
- Mike LaScuola, Spokane Regional Health District
- Erika Schreder, Toxic-Free Future
- Laurie Valeriano, Toxic-Free Future
- Grant Nelson, True North Public Affairs (Representing the American Chemistry Council)
- Dom DeCaria, Vinyl Institute
- Cristina Indiveri, Vizient
- Jody Snyder, Washington Refuse and Recycling Association
- Heather Trim, Zero Waste Washington

Attachment 3: March 24, 2022 Discussion Area Questions

This is a list of **preparatory questions** for you to consider. These questions are meant as a place to start the discussion and receive your input on the topic area.

- The questions will not be the only points of discussion on the topic—we want to explore what is of interest to you.
- You are welcome to provide information or materials that might be relevant to answering the questions during or after the meeting.

Objectives

- Identify pathways that lead to environmental contamination
- Determine areas for recommendations to reduce potential human exposure and impacts on biota and the environment
- Hear ideas and input from stakeholders relating to this topic

General questions

The following are questions to consider throughout the four discussion areas (ambient air, stormwater and sediment, soil, and biota):

- What are the data gaps that must be addressed to better understand the impact of various phthalate sources on each of the identified environmental pathways of concern?
 - Such as sampling strategies, analytical methods, screening levels, which phthalates are included and not included, etc.
- How can pseudo-persistence of phthalates inform management strategies?
- Are there environmental breakdown products of phthalates that are toxic? Are there measurement data on these?

Ambient air questions

- What monitoring of phthalates in ambient air, including particulate matter, is needed to support understanding of sources and environmental fate of phthalates?
- Do we have data to determine whether point or non-point sources emit more phthalates to ambient air in Washington?

Stormwater contribution to phthalates in sediment questions

- What contribution does stormwater make to phthalate concentrations in Washington state waters and sediments?
 - Where are the greatest impacts?
 - Are the most important sources of phthalates in stormwater known?
 - Is the air-deposition-stormwater-sediment pathway proposed in 2007 applicable to other phthalates?
- What recommendations could we make to mitigate stormwater and sediment contamination and improve monitoring for phthalates?

Soil questions

- How much monitoring for phthalates in soils has occurred in Washington?
- Are all the polyethylene films used in agriculture in Washington phthalate-free?

Biota questions

- Which species are sensitive to phthalates or their breakdown products in the environment? Are some phthalates of greater concern?
- Do we need to improve methods for monitoring phthalates in biota?
 - Species and tissues to monitor
 - Sampling strategies
 - Analytical methods
 - Laboratory practices to minimize contamination.
- What do we know about phthalates in fish, game, and vegetation that humans consume? Are there human health implications?