

6PPD ACTION PLAN ADVISORY COMMITTEE MEETING

Virtual (Zoom)
Tuesday, March 26, 2024
1:00 to 3:00 p.m.
Facilitator: Tanya Williams
Meeting 4 of 6

Attendees

Advisory Committee members in attendance and the organizations they represent:

Aimee Navickis-Brasch (Evergreen StormH2O); **Angela Bolton** (City of Bellevue); **Caitlin Lawrence** (Washington State University – Puyallup); **Catherine Gockel** (Environmental Protection Agency); **Chelsea Mitchell** (King County); **Don McQuilliams** (City of Bellevue); **Dylan Ahearn** (Herrera); **Ed Kolodziej** (University of Washington – Tacoma); **Eli Mackiewicz** (City of Bellingham); **Emily Gonzalez** (Puget Soundkeeper); **Gabrielle Rigutto** (ChemFORWARD); **Greg Haller** (Northwest Indian Fisheries Commission); **Heather Trim** (Zero Waste Washington); **Heidi Siegelbaum** (WSU Stormwater Center); **Jamie McNutt** (Flexsys); **Jeff Durant** (Flexsys); **John Herrmann** (Snohomish County); **Justin Greer** (United States Geological Survey); **Kathie Dionisio** (Environmental Protection Agency); **Katie Byrnes** (Washington Conservation Action); **Keith Estes** (Long Live the Kings); **Kenia Whitehead** (GSI -U.S. Tire Manufacturers Association); **Laurie Valeriano** (Toxic Free Future); **LeeAnn Racz** (ToxStrategies, LLC); **Melissa Heintz** (ToxStrategies, LLC); **Rebecca Cook** (STOI); **River Wan** (Pierce County); **Robert Campbell** (LANXESS Corporation); **Sara Hutton** (GSI – U.S. Tire Manufacturers Association); **Sean Dixon** (Puget Soundkeeper Alliance); **Seth Book** (Skokomish Indian Tribe); **Shirlee Tan** (Public Health Seattle King County); **Stephanie Blair** (Washington State University - Puyallup); **Steve Laing** (Trout Unlimited); **Tanya Eison-Pelach** (Affiliated Tribes of Northwest Indians); **Tracey Norberg** (U.S. Tire Manufacturers Association).

Washington State agency support staff in attendance:

Morgan Baker (Ecology); **Madison Bristol** (Ecology); **Dustin Bilheimer** (Ecology); **Derek Day** (Ecology); **Holly Davies** (Health); **Elinor Fanning** (Health); **Amina Al-Tarouti** (Health); **Stephanie Gill** (Ecology); **Cassie Horton** (Ecology); **Amy Salamone** (Ecology); **Mallory Little** (Health); **Richelle Perez** (Ecology); **Nathan Lubliner** (Ecology); **Craig Manahan** (Ecology); **Adam Hayes** (Ecology); **Katie Pruitt** (Governor’s Salmon Recovery Office); **Andrea Carey** (Fish and Wildlife); **Rhea Smith** (Ecology); **Tanya Williams** (Ecology); **Lindsey Bineau** (Ecology); **Monica Cornell** (Ecology); **Kimberly Grieves** (Ecology); **Blake Nelson** (Ecology); **Derek Rockett** (Ecology).

Advisory Committee members not present:

David Troutt (Nisqually Indian Tribe); **Katherine Saluskin** (Yakama Nation Tribal Health); **Kiersten Maxwell** (University of Washington); **Amber Lewis** (Suquamish Tribe); **Marc Gauthier** (Upper Columbia United Tribes); **Fran Solomon** (Western Washington University); **HollyAnna Littlebull** (Yakama Nation); **Jen McIntyre** (Washington State University); **Neil Smith** (Flexsys); **Taylor Aalvik** (Affiliated Tribes of Northwest Indians); **Vice Chairman Joshua Bagley** (Suquamish Tribe); **Marissa Paulling** (Northwest Indian Fisheries Commission); **Mary Rabourn** (King

County); **Alison Osullivan** (Suquamish Tribe); **Augie Krupp** (Molecular Rebar); **Haley Lewis** (Environmental Protection Agency).

Guest attendees:

Julie Panko (ToxStrategies, LLC); **Sarah Ogden**; **Stephanie Kennedy** (ToxStrategies, LLC)

Meeting Notes

The 6PPD Action Plan advisory committee's third working meeting began at 1:02 p.m. with 63 attendees. We provided an overview of the agenda. We also informed participants that we would close the scoping documents following our meeting to consolidate recommendations into a single document. Subgroup leads supporting this effort will finalize draft recommendations from March 27 to April 1. We will then collate recommendations into a single document. We reminded advisory committee members that we will post the combined scoping document to Teams by end of day on April 4. **Advisory committee members have until the end of day on April 17 to review and comment.**

Next, we reviewed phase 1 objectives. We reminded the group that we are developing recommendations based on what we know today and considering steps we can take in the next couple of years. We discussed the role of the advisory committee, including how members have shared their knowledge and expertise to identify data gaps and research needs as we develop scoping documents.

As we move forward in the process, participating state agencies will identify recommendations to integrate into their budget requests. We will share which recommendations have been included in budget request proposals at the meeting on May 21.

We finalized the meeting minutes captured from the first working meeting, held on March 5, 2024. We asked members if we needed to make any corrections to the document. Advisory committee members did not raise any objections or concerns.

Group Discussion

Subgroup leads gave an update on their breakout room discussions from the last meeting. They also discussed recommendations that the subgroups have developed so far.

- **Madison Rose Bristol (Stormwater management and transportation retrofits):** Madison clarified the purpose of the low-risk, high-rewards stormwater mitigation pilot recommendation in the scoping document. A common theme from the last meeting was the desire to develop a toolbox of retrofits for use by permittees. This toolbox would promote equitable and efficient stormwater best management practices (BMPs). The group will meet during the breakout session and further discuss this recommendation.

The group also developed a new recommendation to create a dedicated funding pool for installing stormwater BMPs that create community co-benefits and address environmental injustices. Madison indicated the group would develop this recommendation further, including expanding upon justifications and benefits, in the

breakout session. The group will continue to build out the following recommendations: 1) Dedicate funding toward evaluating and implementing 6PPD operations and maintenance best practices to ensure long-term effectiveness of BMPs; and 2) Conduct a barriers analysis of efficient installation of stormwater BMPs for municipalities and permittees.

The group also planned to discuss its retrofit prioritization framework recommendation in the subgroup breakout session. Frameworks like this should occur on a watershed basis and consider usual and accustomed areas. The group planned to review the developed language collectively in the breakout room.

A committee member raised a question about funding sources. Members planned to discuss the effectiveness of monitoring of stormwater BMPs recommendation and different funding sources in the breakout session.

- **Craig Manahan (Alternatives):** Craig combined the “developing new alternatives” recommendation with a similar recommendation in the products group. A committee member raised concerns about the Federal government commenting on Washington State’s hazard criteria. This subgroup planned to meet individually to discuss its recommendation asking for Federal input on hazard criteria and then join the combined group to discuss common themes.
- **Rhea Smith (Sampling, monitoring, fate, and transport):** Rhea planned to adjust recommendations to support more integration across different sampling needs. Members met within the larger “supergroup” to prioritize data gaps and further discuss a pilot sampling program to evaluate sampling methods.
- **Derek Rockett (Solid Waste):** This subgroup planned to meet with products in a combined breakout session. Derek said he would review the solid waste recommendations at this time and welcomed input from the group. Derek mentioned that he hoped that Governor Inslee will sign the proviso awarding \$300,000 for Solid Waste to conduct a tire waste study. Derek planned to dedicate time in the breakout room to discuss the proviso with the subgroup.
- **Cassie Horton (Ecotoxicology):** The ecotoxicology subgroup added clarifying language to their recommendations. This includes providing more details in the recommendation: “expand research to determine the extent and magnitude of 6PPD bioaccumulation and biomagnification in juvenile salmonids and other aquatic biota in Puget Sound.” The subgroup met individually first to discuss comments that had recently been added to the scoping document, then joined a supergroup.
- **Elinor Fanning and Mallory Little (Human health):** Health has completed a structural reorganization of their scoping document. This includes pulling information on science and data gaps into a separate part of the document. They continue to coordinate with the Office of Drinking Water regarding the level of work they should do to identify

sources of drinking water located in vulnerable areas. Health is also actively adding input to the products document and planned to attend the combined breakout session following their individual subgroup meeting.

They continue to review their recommendation about sampling and analysis of edible tissues of aquatic species and other biota (including but not limited to salmonids). The sampling needs for this recommendation fit with the TBIOS sampling regime. The health subgroup planned to meet and further discuss how the recommendation intersects with the stream health sampling recommendation. Health will incorporate comments in the scoping document based on input received from their environmental justice expert. The subgroup met individually first and reviewed changes to the scoping document.

- **Nathan Lubliner (Products):** Nathan reviewed four recommendations that the products subgroup has been developing. The subgroup refined the PPDs as a class recommendation to specify that the team is considering this action. He updated a recommendation to identify and prioritize product categories that contain PPDs of concern, with an initial focus on non-tire products and products made from tires. This recommendation now specifies how products and product categories relate to Safer Products for Washington. This subgroup is exploring pathways to build out this recommendation via Safer Products for Washington. The group combined its recommendation to create incentives for tire innovation with an alternatives recommendation.

Next Steps

We closed scoping documents on March 26 to prepare a single document for advisory committee review. On April 4, we will post the new document in Teams. Committee members will have an opportunity to review the collated document, provide feedback, and add references that support recommendations. April 17 is the final day for advisory committee members to submit feedback on action plan recommendations. We encourage you to submit input as soon as possible.

Subgroup breakout sessions

We created individual breakout rooms for alternatives, ecotoxicology, human health, and stormwater management/transportation retrofits to discuss current recommendations. Products and solid waste subgroups met as a combined group during the first half of the breakout sessions. Subgroup leads added feedback to their respective scoping documents to capture input received from committee members and refine existing recommendations.

Following the discussion in the individual subgroups, certain subgroups joined combined “supergroups” to share deeper conversations on overarching issues and relevant recommendations. Ecotoxicology and part of health joined sampling/monitoring. Alternatives and the other part of health joined products and solid waste. Subgroups provided input in their scoping documents and developed justification and benefits to support recommendations.

At our next meeting, we'll review the recommendations that we intend to move forward through internal management review. We'll create time at the next meeting for subgroup leads to discuss any of these recommendations with the larger group.

Feedback/Comments Received for Additional Discussion

The table below provides a selection of comments from the meeting. Some of these comments were received verbally during the larger group discussion and some were pulled from the main meeting chat. You can access a complete list of the main group meeting chat and subgroup meeting chats in the files tab of the "General" channel in our action plan Teams channel.

Input	Focus Area
Did you see the new bioaccumulation/trophic transfer paper?	Ecotoxicology
In terms of the funding sources issue, did you identify options around having the cost be paid for by the tire industry or the responsible parties?	Stormwater Best Management Practices
It's not going to be very fruitful to get the Federal government to weigh in on Washington State hazard criteria unless it's a part of Safer Products for Washington.	Alternatives
I was wondering how you would handle conflicting recommendations and how will the participation of the group be characterized if there are conflicts.	General

Links/Resources Shared in Zoom Chat, including Breakout Session Chats

- [First Evidence of the Bioaccumulation and Trophic Transfer of Tire Additives and Their Transformation Products in an Estuarine Food Web](#)

Action Items

- Review the collated scoping document in the Teams channel and provide input on the recommendations you are interested in.
- Add justifications, benefits, and references that support your feedback.
- **Submit all final input by end of day on April 17 for consideration.**