

PFAS TSCA Workshop

February 13-15, 2024

**The John Edward Porter Neuroscience Research Center (Building 35)
National Institutes of Health, Bethesda, MD 20892**

**Anna Lowit & Jeff Dawson
U.S. Environmental Protection Agency
Office of Chemical Safety and Pollution Prevention**

Welcome and Thank You

- Key information for today
 - Managing meeting – raise hands and focus on microphone use
- We have logistical support
 - NIH Support – Steven Morefield
 - EPA Staff - Sarah Swenson, Megan Nelson
 - EPA Contractors
- Logistics

Why are we here?

- Seek input from individuals regarding various aspects of EPA OCSPP efforts related to PFAS under TSCA.
- Diverse stakeholders are represented
- Content
 - EPA Primer presentations
 - Stakeholder presentations
- Agenda optimizes time for open discussion

Goals and Considerations

- Maximize the time for thoughtful discussion
- Be respectful of other's positions
- Please don't be shy/opportunity for input
- Bring all ideas to the table
 - Looking for short-term ideas as well as longer-term concepts
 - Consider resources and timing in context with TSCA processes

Agenda

- Day 1 (2/13/24) – Test Orders & Testing
 - Session 1: National Testing Strategy
 - Session 2: Testing Overview
- Day 2 (2/14/24)
 - Session 2 (cont.): Testing Overview
 - Session 3: Scientific Challenges/Potential Solutions
- Day 3 (2/15/24)
 - Session 4: Development of PFAS-Free Alternatives
 - Session 5: All Topics Open Discussion
 - Session 6: Wrap up & Next Steps

Agenda – Day 1

| | | |
|-------|--------------------------------------------|--------------------------------|
| 8:30 | Meet & Greet | All |
| 8:45 | Welcome & Opening Remarks | Elissa Reaves (EPA) |
| 8:50 | Expectations & Themes | Anna Lowit & Jeff Dawson (EPA) |
| 9:00 | Session 1: National Testing Strategy (NTS) | |
| | Overview of NTS | Kellie Fay (EPA) |
| | Stakeholder Presentations | Various – details following |
| 11:00 | Session 1: Open Discussion | All participants |
| 12:00 | Lunch | |
| 1:00 | Session 1: Open Discussion | All participants |
| 3:00 | Session 2: Testing Overview | |
| | Testing Overview | Martin Phillips (EPA) |
| | Stakeholder Presentations | Various – details following |
| 4:45 | Wrap Up | Anna Lowit & Jeff Dawson (EPA) |

Note: There are AM and PM 15-minute breaks built in as well

Agenda – Day 1/Session 1 Stakeholder Speakers

| Presenter Name(s) | Organization | Topic |
|--------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Robert DeMott and Lisa Navarro | Ramboll | Decision matrix to establish sufficiency of mode of action evidence for grouping PFAS - Building from EPA's systematic review approaches |
| Bruce Lindsey | U.S. Geological Survey | USGS Strategy for sampling PFAS in groundwater and surface water in the National Water Quality Network |
| Stephen Ferguson | National Institutes of Health/National Institute of Environmental Health Sciences | Prioritization framework for PFAS-containing AFFF products to enable data-driven decisions |
| Stacey Wiggins | Food and Drug Administration | Overview of FDA's Food Safety Data Sharing Platform as a potential solution for sharing PFAS data to accelerate collective learning and apply predictive analytics. |
| Jessica Ryman | American Chemistry Council | Grouping and toxicity testing considerations |

Agenda – Day 1/Session 2 Stakeholder Speakers

| Presenter Name(s) | Organization | Topic |
|-------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Jon Arnot | ARC Arnot Research & Consulting | Chemical properties and IVIVE case studies with PFAS |
| Harvey Clewell | Ramboll | Tiered in silico/in vitro/in vivo approach for PFAS categorization and testing |
| Stephen Ferguson | National Institutes of Health/National Institute of Environmental Health Sciences | Hepatocellular transcriptomic response similarities across PFAS and their translation to predict PFAS liver weight LOELs |
| Emily Resseguie | Labcorp | Challenges with inhalation in vitro testing and in vivo study conduct for volatile PFAS |
| Janet Anderson | GSI Environmental | State-of-the-science and data gaps associated with fluoropolymers & challenges for the fluoropolymer supply chain |

Agenda – Day 2

| | | |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 8:30 | Expectations & Themes | Anna Lowit & Jeff Dawson (EPA) |
| 8:40 | Session 2: Open Discussion | All participants |
| 11:00 | Session 3: Scientific Challenges/Potential Solutions Updated PFAS Categorization Progress on Related EPA PFAS Research Activities ICCVAM Workgroup Update - PFAS NAMs WG | Grace Patlewicz (EPA) Rusty Thomas (EPA) Shruti Kabadi (FDA) |
| 12:00 | Lunch | |
| 1:00 | Stakeholder Presentations | Various – details following |
| 2:45 | Session 3: Open Discussion | All participants |
| 4:45 | Wrap Up | Anna Lowit & Jeff Dawson (EPA) |

Note: There are AM
and PM 15-minute
breaks built in as well

Agenda – Day 2/Session 3 Stakeholder Speakers

| Presenter Name(s) | Organization | Topic |
|---------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Madeleine Bee & Sara Hearon | Exponent, Inc | PFAS testing methodologies & challenges for consumer products |
| Hotze Wijnja | MA Dept. of Agricultural Resources | Experiences with PFAS testing in consumer products in Massachusetts |
| Paul DeLeo | American Chemistry Council | Survey of regulatory approaches for identifying critical gaps for data generation |
| Charles Neslund | Eurofins | Adaptations of analytical methods for consumer products for characterizing PFAS as a class VS the targeted compounded approach |
| Jennifer Sahmel | Insight Exposure and Risk Sciences | Dermal exposures and transfers of PFAS chemicals |
| Rashmi Joglekar & Jennifer Sass | University of California, San Francisco & Natural Resources Defense Council | TBD |

Agenda – Day 3

| | | |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 8:30 | Expectations & Themes | Anna Lowit & Jeff Dawson (EPA) |
| 8:40 | Session 4: Development of PFAS-free Alternatives Framework For TSCA Review of PFAS PMNs & SNUNs Progress on Related EPA PFAS Research Activities Stakeholder Presentation | Shari Barash (EPA) April Kluever (DOE) Various – details following |
| 10:45 | Session 4: Open Discussion | All participants |
| 12:00 | Lunch | |
| 1:00 | Session 5: All Topics Open Discussion | All participants |
| 4:00 | Session 6: Wrap Up & Next Steps | Anna Lowit & Jeff Dawson (EPA) |
| 4:30 | Adjourn Workshop | Anna Lowit & Jeff Dawson (EPA) |

Note: There are AM
and PM 15-minute
breaks built in as well

Agenda – Day 3/Session 4 Stakeholder Speaker

| Presenter Name(s) | Organization | Topic |
|-------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Heather Tenney | Toxics Use Reduction Institute | Reported PFAS uses under TURA and safer (non-PFAS) alternatives |
| Owen Jappen | American Chemistry Council | Overview of industry's stewardship efforts regarding PFAS and alternatives |
| Deepak Kapoor | Gujarat Fluorochemicals | PFAS emissions associated to fluoropolymers lifecycle and abatement technologies to limit (non-polymer) PFAS emissions |
| Holly Davies | Washington Department of Health | WA Report on alternatives |

Thanks