

On August 12, 2020, the Washington State Departments of Ecology and Health hosted a webinar to provide an update on the per- and polyfluoroalkyl substances (PFAS) Chemical Action Plan work conducted by the two agencies. Following the presentation, Ecology and Health took questions from members of the Advisory Committee and the public.

See below for the following information:

1. [Webinar presentation materials.](#)
2. [Webinar topics outline.](#)
3. [Advisory Committee questions and answers.](#)
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Webinar presentation materials

The presentation slides are available on the PFAS CAP EZ View page:

<https://www.ezview.wa.gov/Portals/1962/Documents/PFAS/AC%20Webinar%208-12-2020%20Presentation.pdf>

Webinar topics outline

The presentation covered the following topics:

- Introductions:
 - We introduced agency staff participating in the presentation.
 - Ken Zarker, Ecology, welcomed Advisory Committee members and the public to the webinar, and thanked them for attending.
 - Advisory Committee members attending the webinar introduced themselves.
- CAP and other PFAS activity:
 - Brian Walsh, Department of Health, provided a summary of Health's PFAS rulemaking process.
 - Irina Makarow, Ecology, discussed PFAS activity under Safer Products for Washington and the PFAS in food packaging alternatives assessment.
- Previous PFAS activity:
 - Irina Makarow provided an overview of the activity on the PFAS CAP since 2016.
 - 2019 preliminary recommendations focused on four main areas; these are available online at the project EZ View page.
- Preparing the Draft CAP:
 - Irina Makarow reviewed Ecology and Health activity to prepare the Draft CAP.
 - We expect to issue the Draft PFAS CAP for public comment in the September – November 2020 timeframe.
 - Comments received on the CAP would be reviewed in late 2020/early 2021 and the Final CAP would be issued in Spring 2021.

- **Public Engagement Approach:**
 - Irina Makarow presented the notice and comment requirements for the PFAS CAP.
 - We reviewed the planned engagement approach.
 - The possibility for public meetings would be re-assessed based on evolving COVID-19 constraints.
 - Virtual participation opportunities are emphasized with multiple webinar offerings.
 - Ecology and Health will identify and contact organizations and communities with interest, including environmental justice populations and Tribal Nations.
 - Ecology requested input on target organizations.
- **Next Steps:**
 - The Draft PFAS CAP is expected to be completed by the end of September 2020, implementation of the engagement plan will occur through October 2020, and issuance of the Draft CAP and public comment is expected during the third quarter of 2020.
- The webinar concluded with Advisory Committee and public questions.

Advisory Committee questions and answers

Q: Can the comment period be extended given the local health departments are burdened with COVID-19 response?

A: Ecology and Health will consider the request.

Q: What will public engagement look like, what platforms will be used?

A: Ecology uses the Webex platform. Two types of webinars are anticipated: (1) a brief overview with public comment, (2) topical. We are also emphasizing reaching out to organizations and opportunities for one on one presentations.

Q: Is new scientific information available since 2019 being considered? For example information about biosolids from Michigan and Maine.

A: We have asked experts to update and capture main developments; public commenters can identify additional information to be included.

Q: FDA is phasing out PFAS because they are bioaccumulative; is the CAP going to consider PFAS as a class?

A: The consideration of PFAS as a class was a comment made by the Advisory Committee in 2019; that comment has been considered in the preparation of the Draft PFAS CAP. Additional information about PFAS to be included in the CAP can be provided in public comments.

Q: Regarding the drinking water rulemaking, are the same five PFAS being considered earlier still being advanced?

A: They are the same: PFOS, PFOA, PFNA, PFHxS, and PFBS. However, the level for PFBS has been recently drafted downwards.

Public questions and answers

Note: Questions marked with an asterisk (*) were submitted via the chat or Q & A feature of the webinar, but were not read aloud during the webinar.

Q: With respect to the drinking water rulemaking, will Health consider MCLs rather than SALs, and is the SBOH presentation available to review?

A: The presentation is available on the SBOH website. There has been a lot of discussion of MCLs vs. SALs in the rulemaking process; more data would be needed to establish MCLs, treatment could be required if MCLs are established, and SALs are useful for establishing a cleanup standard.

Q: Are FTOH products added to the CAP? What about ski waxes, waterproof clothing or leather samples?

A: The webinar is focusing on a process to issue the CAP; information about what is considered in the CAP will be available when the CAP is released.

Q: What is SPWA?

A: Safer Products for Washington Program, which implements the Pollution Prevention for Healthy People of Puget Sound Act, Substitute Senate Bill 5135, RCW 70.365.

Q: Is the Drinking water standard rulemaking WA WAC 246-290 active or adopted?

A: The rule is actively in the CR-101 stage.

Q: Will Ecology use MTCA to derive the responsible party for potential contaminated PFAS site cleanups? Will there be grant money available for cleanups similar to the LUST sites?

A: The webinar presentation today is focused on procedural aspects; using MTCA was addressed in the preliminary CAP recommendations and will be addressed in the Draft CAP.

Q: Will the Draft CAP recommend new regulations?

A: The CAP is an advisory document; the recommendations can indicate whether Ecology or Health think that regulation could be useful, but the CAP itself does not create regulation.

Q*: Are the federal agencies informed about the CAP? They should be reached out to, including NOAA, EPA, USFWS.

A: We will include federal agencies in our engagement efforts.

Q*: Northwest Biosolids has been active in reviewing and sending out updates on PFAS with regard to wastewater and biosolids. With regard to the farm concentrations mentioned in Maine, this farm received mixed organics that included pulp residuals in addition to biosolids. It is not representative of biosolids nationwide. Here is some background information on this case:

<https://static1.squarespace.com/static/54806478e4b0dc44e1698e88/t/5f2bff31c1d4a36e16c817fd/1596718905099/PFASFactsForNEFarms-19May2020Update5Aug2020.pdf>

A: The webinar presentation today is focused on procedural aspects; additional information can be submitted during the public comment period when the Draft CAP is released.

Webinar attendees

Advisory committee

First Name	Last Name	Organization
Abigail	Welch	Port Gamble S'Klallam Tribe
Alissa	Cordner	Whitman College
Greg	Keith	City of Issaquah
Heather	Trim	Zero Waste Washington
John	Lovie	Whidbey Island Water Systems Association
Joyce	Dinglasan-Panlilio	University of Washington
Kendra	Clubb	US Navy
Nancy	Uding	Toxic-Free Future
Peter	Godlewski	Association of Washington Business
Rory	O'Rourke	Public Health - Seattle & King County

Agency project staff

First Name	Last Name	Organization
Brian	Walsh	Department of Health
Cheryl	Niemi	Department of Ecology
Craig	Manahan	Department of Ecology
Irina	Makarow	Department of Ecology
Kari	Trumbull	Department of Ecology
Ken	Zarker	Department of Ecology
Kimberly	Goetz	Department of Ecology
Laura	Johnson	Department of Health
Maria	Blackshear	Department of Ecology
Marissa	Smith	Department of Ecology
Mark	Gordon	Department of Ecology
Megan	Smith	Department of Ecology

Attendees

First Name	Last Name	Organization (if provided)
Ahdd	Nshs	
Ammi	Borenstein	Transitions2earth
Amy	Correa	Washington Department of Ecology
Bob	Altkorn	Intertek
Bonnie	Ermers	Ahlstrom-Munksjo
Britt	Weldon	Boeing
Bryson	Finch	Department of Ecology
Christine	Wolfe	Department of Ecology
David	Farrer	Oregon Health Authority
David	Bell	USAF
Doug	Kelly	Island County
Eli	Levitt	Department of Ecology
Elsa	Pond	Washington State Department of Transportation
Erich	Ebel	Department of Ecology
Erika	Shaffer	Washington State Department of Natural Resources
Erika	Kinno	King County
Evan	Bruning	Serlin Haley LLP
Evan	Laganis	AGC Chemicals Americas
Frank	Adamsky	Daikin America, Inc.
Gary	Jones	Printing United Alliance
Giffe	Johnson	NCASI
Grant	Nelson	
Heather	Kibbey	
Helen	Cruz	USAF
Ivy	Anderson	Washington State AGO
Jacob	Lipson	
Jaime	Sheel	Sambaqui
Janet	Thoman	Compost Manufacturing Alliance
Jean	Bodeau	Winthrop Engineering & Geology, LLC
Jeff	Kray	Marten Law LLP
Karin	Feddersen	EPA
Kathleen	Gilligan	Department of Ecology
Kathryn	VanNatta	Northwest Pulp & Paper Assn.
Keisuke	Morikawa	
Kelsey	Holbrook	Department of Ecology
Laura	Long	Verso Corporation
Lauren	Dempsey	USAF
Laurie	Morgan	Washington State Department of Ecology
Lola	Flores	Department of Ecology
Maile	Lono-Batura	NW Biosolids
Marc	Luesebrink	Boeing

First Name	Last Name	Organization (if provided)
Maria	Lima	Sambaqui
Matt	Cox	Washington State Department of Transportation
Meseret	Ghebreslassie	JBLM
Michael	Brisbon	Kuraray America
Michael	LaScuola	Spokane Regional Health District
Michael	Skinner	WSU
Molly	Taptich	Geosyntec
Nessa	Coppinger	Beveridge & Diamond PC
Nick	Garson	Boeing
Olinda Maria	Pereira	
Patricia	Hunt	WSU
Pratima	Gangopadhyay	The Boeing Company
Rachel	Scholes	UC Berkeley
Rae	Eaton	Department of Ecology
Richard	Jack	King County
Rob	Wyllie	Ameresco
Rubecki	Sr	Vv
Saskia	van Bergen	Department of Ecology
Shirlee	Tan	Public Health - Seattle & King County
Sophie	Greene	MPCA
Stephanie	Raeke	HAVI
Stephen	Korzeniowski	BeachEdge Consulting
Sylvia	Carignan	Bloomberg Environment
Taylor	Tidwell	USAF
Theresa	Wagner	City of Seattle
Thomas	Sharp	King County Emergency Management
Tim	Shestek	American Chemistry Council
Trevor	Peckham	King County Hazardous Waste Management Program
Troy	Nichols	Phillips Burgess Government Relations
Valerie	Chu	
Warren	Lehrenbaum	Crowell & Moring LLP
Wendy	McCarville	Air Force
Wolfgang	Urhahn	HAVI LLC