

IC2 Product Testing WG Subgroup - Technical Aspects of PFAS Notes | June 26, 2025 at 12-1 pm PT/3-4 pm ET

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Updates and Current Work

CA DTSC

- Testing for PFASs in treatments for textiles and other products. Screening/putting together documents to support current rule making. Floor waxes with PFAS.
- A bill pending in the California legislature would have codified the essential use concept for PFASs by banning their use unless DTSC made three findings:
 - There are no reasonably available safer alternatives
 - PFASs serve an essential function in the product
 - The use of PFASs in the product is critical for health, safety, or the functioning of society.
 - The essential use part of the bill has been stripped out. The current language would prohibit a list of six specific PFAS-containing products.
 - https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202520260SB682&search_keywords=pfas
- DTSC's ECL is conducting preliminary testing for artificial turf. Exploring method development for a procedure for total organic fluoride.
 - DTSC recently determined that an existing law ban PFAS in textiles may apply to artificial turf.
https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202120220AB1817
- Compliance testing. Carpets ECL has tested had fairly low results. The leftover samples are not hazardous waste under California's regulatory criteria and are being disposed of as solid waste.

MPCA

- Doesn't have a lab in-house so they rely on external labs. Worked with a new lab that used CIC on pretested prior products and historical samples. Results came back comparable.

WA ECY

- Safer products for Washington. PFAS in paints and artificial turf. Consumer products for cycle 1.5. looking at alts for PFAS in products including: cookware in kitchen supplies, floor waxes and polishes etc.
- Currently in the scoping/development process for artificial turf as well as for its disposal.
- [Disposition of Fluorine on New Firefighter Turnout Gear | Environmental Science & Technology](#)

NHDES

- In a holding pattern, waiting on results from testing a variety of household cleaning products and detergents for both targeted PFAS and TOF.

King County

- Testing the capacity of XRF to detect fluorine. Able to detect jackets with PFAS on jackets. Comparing these results with CIC and PIGE. Translating the signal into quantitative estimates of total fluorine is challenging.

Roundtable: Total Organic Fluorine (TOF) vs. Total Fluorine (TF)

- Mass balance of fluorine can be used to determine TOF concentration by analyzing for total fluorine and inorganic fluorine. Subtracting inorganic F from total F gives TOF.
- INAA, uses a nuclear reactor that can look for total fluorine. Gives similar results as PIGE.
- TOF vs extractable fluorine
- Using pyrolysis GC/MS for samples that are positive for PFAS helps to confirm whether there's a fluoropolymer signature [or whether the TOF being detected is from (more concerning) monomers].

Next Steps & Action Items

- Next meeting to take place in September