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# Local And Global PFAS Views Considering Observations, Trends, And The Ways Forward

ESAA PFAS Symposium

November 2025





# The Panel

- **Moderator – Lindsay Paterson:** Senior Scientist, SLRConsulting (Canada) Ltd.
- **Permveer Bains:** Business Development Manager at Element Materials Technology
- **Tim Russell:** Vice President and Senior Chemical Engineer at BARR
- **George (Bud) Ivey:** President & Senior Remediation Specialist at Ivey International Inc.



# PFAS Regulatory Developments in Canada (2025)

## ■ Federal

- Proposed listing of PFAS (excluding fluoropolymers) as Toxic under CEPA
- Proposed Phased Risk Management Approach
- National Pollutant Release Inventory Reporting
- Health Canada – Soil Screening Values and Interim TRVs for Federal Contaminated Sites

## ■ Provincial

- Health and environmental protection agencies are internally evaluating how to respond to federal initiatives (PFAS as a Class, HC DWO).



# Proposed Federal Risk Management Approach

Phased prohibition of PFAS uses under CEPA:

**Phase 1**  
(Immediate)



Firefighting foams (specifically PFAS not currently regulated)

**Phase 2**  
(Near-future)

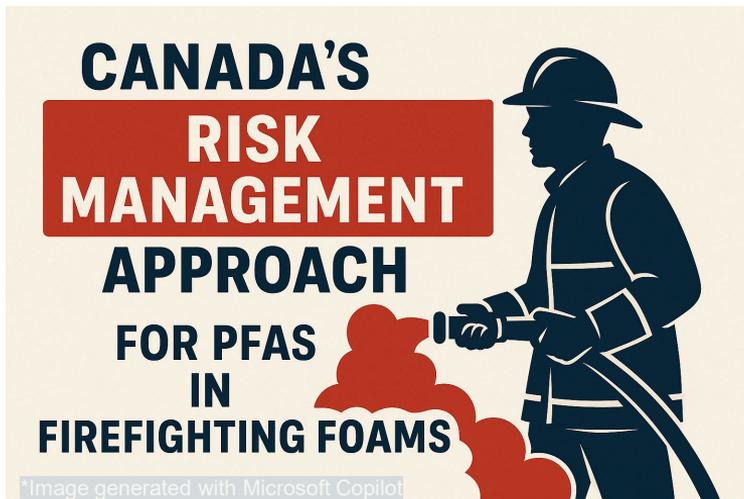


Various consumer products in which PFAS are not needed for protection of health, safety or the environment

**Phase 3**  
(Future)



Other applications that require further evaluation because there are no feasible alternatives to use of PFAS



## Phase 1 Consultation

- Closes November 25!
- Transition periods (for use in emergency response only):
  - Municipal fire services: 18 months
  - Civil aviation: 3 years
  - Military, high-hazard facilities: 6 years

- Manufacture, import, and training use prohibited upon regulations coming into effect.
- Other measures include PFAS content disclosure by foam manufacturers; labelling for foams/wastewater/decontaminated systems; preparation of site-specific management plans by affected facilities; and setting incidental presence thresholds.
- Proposed regulations expected in Spring 2027, final regulations by Spring 2029.



# National Pollutant Release Inventory (NPRI) Reporting

- **What:** Facilities with around 10 full-time employees (FTE) that use any of the 163 listed PFAS in amounts >1 kg and concentrations >0.1% by weight will be required to report the quantities released, disposed of, and recycled
- **Why:** To gather data
- **When:** 2025 calendar year with reporting due June 1, 2026



# Health Canada Soil Screening Values and Interim TRVs (as of November 2025)

- Sum of PFAS – broadest suite possible (e.g. 40 in EPA 1633A), use  $\frac{1}{2}$  RDL where  $<$  RDL

	AL/RL/PL	CL	IL
Sum of PFAS	0.038 mg/kg	0.057 mg/kg	0.54 mg/kg

- Direct contact human health protection only. Not protective of potable water exposure – check groundwater/surface water (if potable water source) and compare to the Health Canada Drinking Water Objective.
- Replaces previous chemical-specific SSVs and the CCME PFOS guidelines for human health protection.
- Document provides guidance for assessing human health risks, including interim TRVs for numerous PFAS.



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**STAYING  
THE COURSE**