

# CONNECTICUT INTERAGENCY PFAS TASK FORCE

July 30, 2019  
1:00-3:00 pm

Led by the  
**DEPARTMENT of PUBLIC HEALTH**  
**DEPARTMENT of ENERGY AND ENVIRONMENTAL PROTECTION**



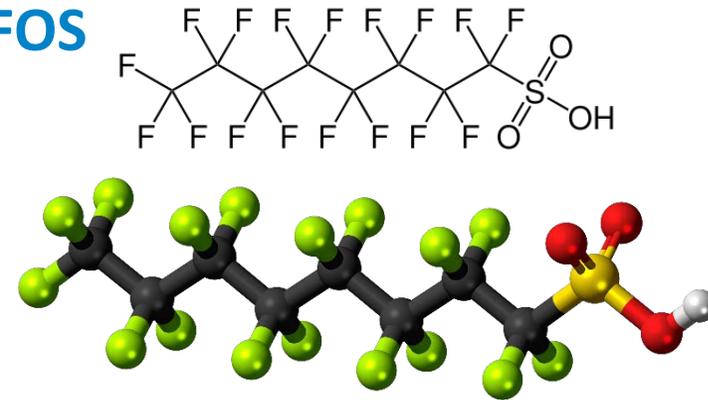
CONNECTICUT DEPARTMENT of PUBLIC HEALTH



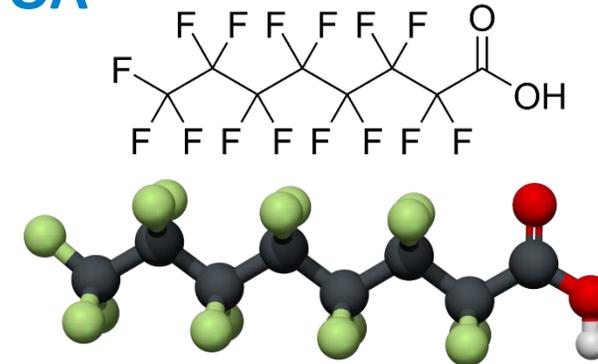
# Agenda

- Welcome & Introductions
- DPH & DEEP Program Introduction
- PFAS Overview
- PFAS Situation in CT
- State Action Plan Coordination & Next Steps

PFOS



PFOA



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# Welcome & Introductions

<b>Katie Dykes</b>	Department of Energy and Environmental Protection
<b>Renée Coleman-Mitchell</b>	Department of Public Health
<b>Paul Mounds</b>	Office of the Governor
<b>James Rovella</b>	Department of Emergency Services and Public Protection
<b>Kevin Dillon</b>	Connecticut Airport Authority
<b>Ben Neumon</b>	Connecticut Military
<b>David Carey</b>	Department of Agriculture
<b>Matthew Levine</b>	Office of the Attorney General
<b>Jeff Beckham</b>	Office of Planning and Management
<b>Anna Barry</b>	Department of Transportation
<b>John Betkoski III</b>	Public Utilities Regulatory Authority
<b>Leslie O'Brien</b>	Department of Consumer Protection
<b>Stephen Link</b>	Department of Correction
<b>Joseph Cassidy</b>	Department of Administrative Services
<b>Jordan Scheff</b>	Department of Developmental Services
<b>Mark Ojakian</b>	Connecticut State Colleges and Universities
<b>Teresa Dominguez</b>	University of Connecticut

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# Department of Energy and Environmental Protection

Regulating Discharges to the Environment

Pollution Prevention

Remediation Standard Regulations

Pollution Source Oversight

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# Department of Public Health Healthy People in Healthy CT Communities

Public Drinking  
Water

Katherine A.  
Kelley Public  
Health  
Laboratory

Environmental  
Health Section

PFAS

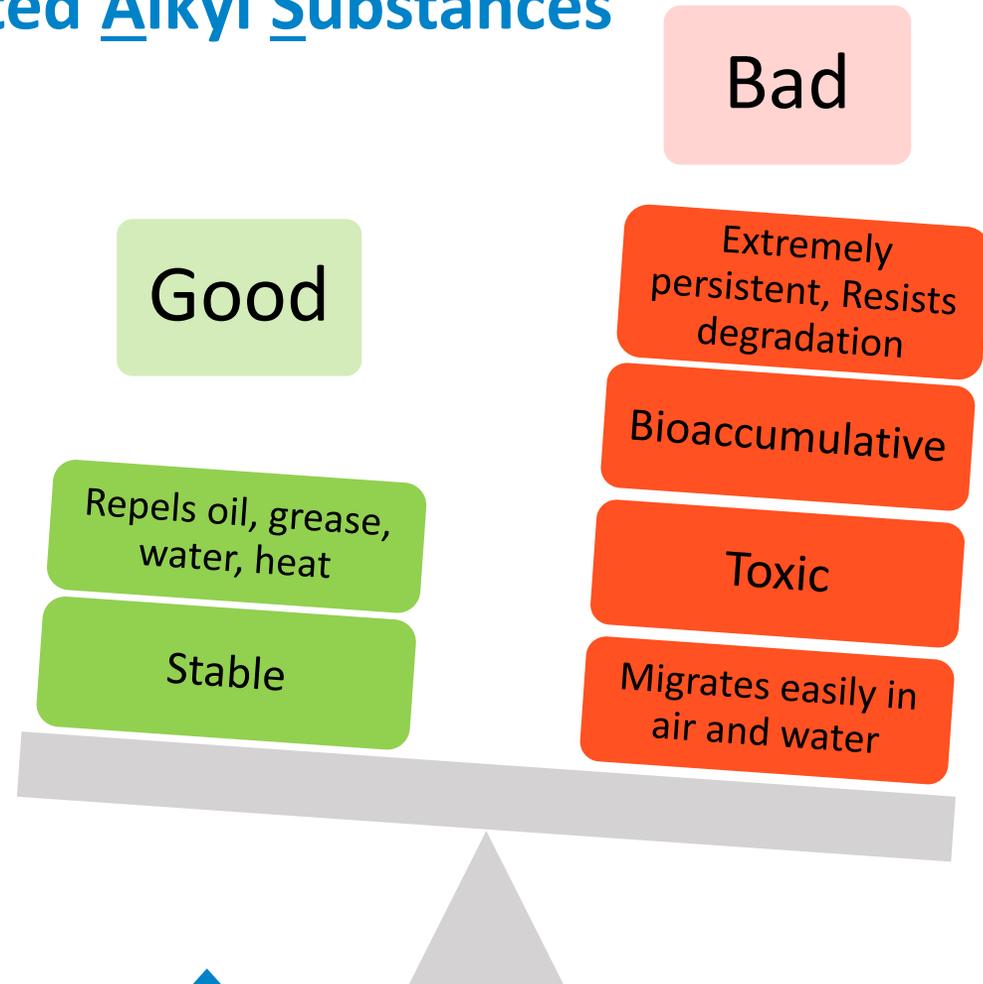
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# PFAS Overview: What are PFAS?

## PFAS = Per- and Polyfluorinated Alkyl Substances

- Over 4,000 chemicals
- Developed in the 1940s
- Ubiquitous in consumer products and industry
- Common products
  - Non-stick cookware
  - Waterproof apparel
  - Stain-resistant carpet
  - Grease-resistant food packaging
- PFOA and PFOS most well-known

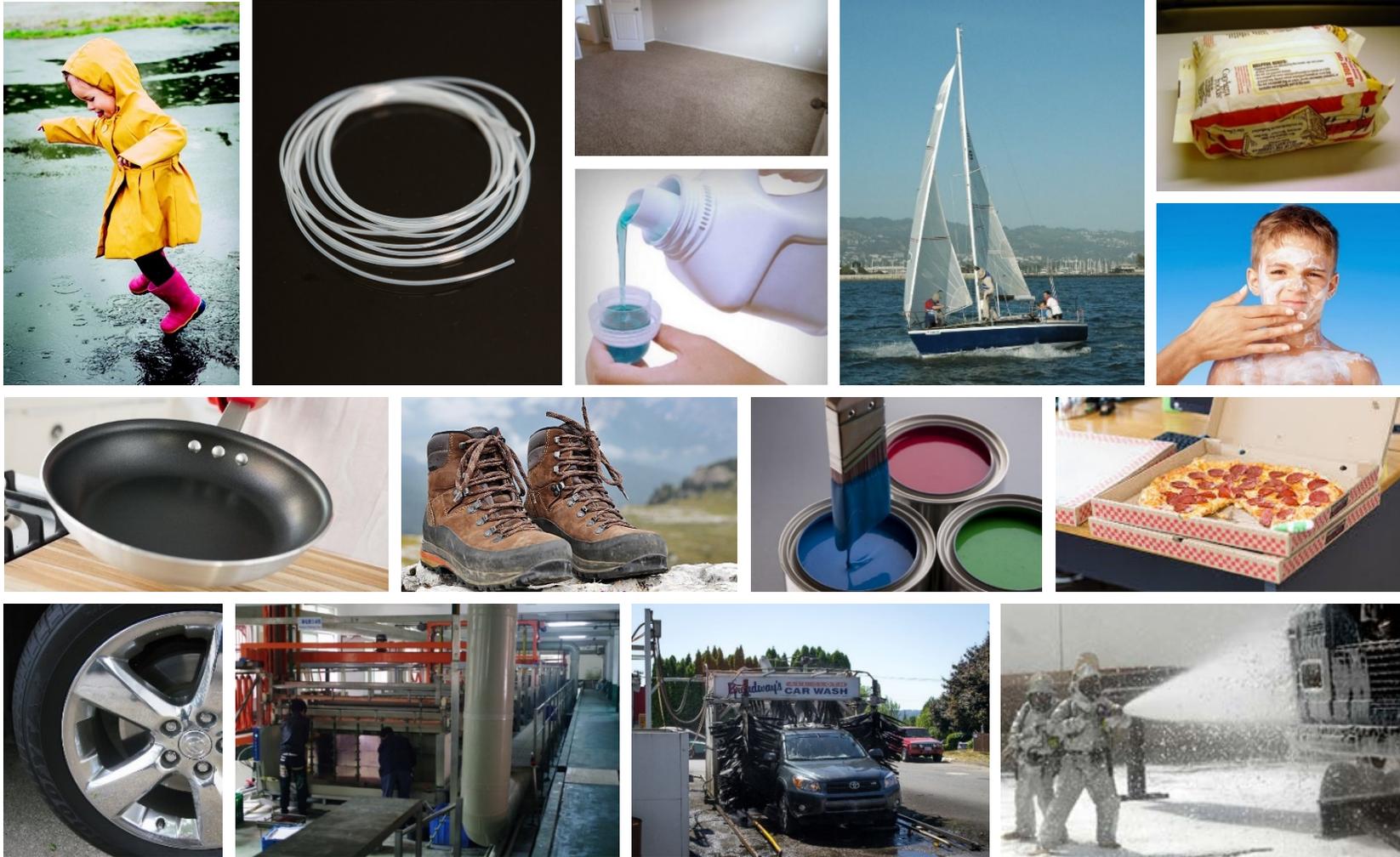


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# Some PFAS Uses



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# Aqueous Film-Forming Foam (AFFF)



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# Health Problems Posed by PFAS

Health effects on multiple organs and phases of life

Developmental effects to fetuses and infants

Present in human blood worldwide

Polluted drinking water supplies worldwide – now issue in US

Ubiquitous discovery in the environment

Replacement chemicals also a problem

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# Unique PFAS Management Challenges

## Public Drinking Water

- No Safe Drinking Water Act enforceable standards

## Health Standards

- Published research into health effects is moving faster than the government can act

## Remediation

- No EPA lab methods for PFAS testing in media other than drinking water
- Sampling is expensive and challenging (cross-contamination)
- Limited cleanup options

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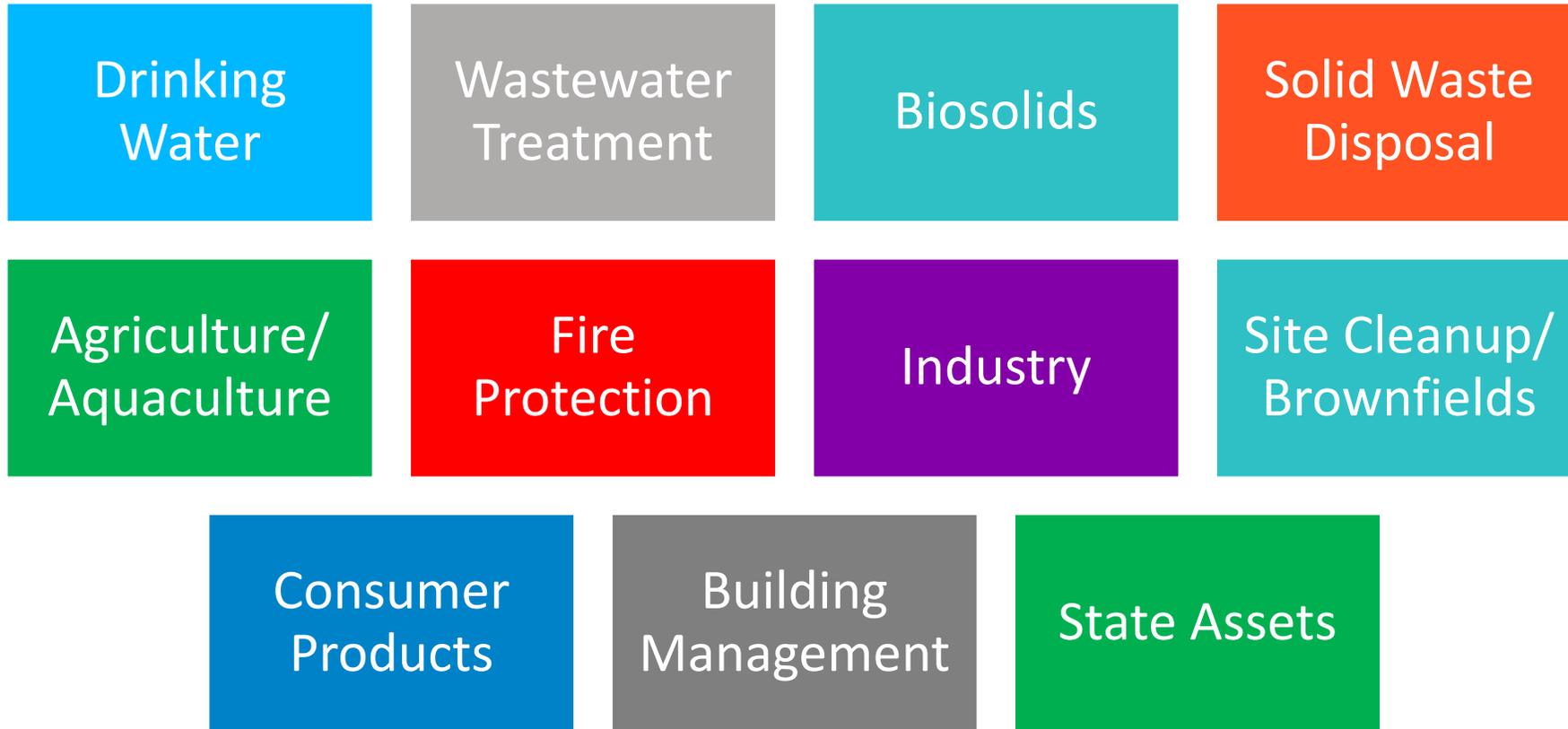
# Why is a PFAS Task Force Needed?

- The Federal government (US EPA) has been slow to act in regulating PFAS.
- Collaboration and cooperation among Agencies is necessary to protect the health and welfare of Connecticut's residents and our environment.
- Information needs to be shared among Agencies and stakeholders.

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# Why is a PFAS Task Force Needed?



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# Our neighbors are already affected

NATION & WORLD > Posted March 5, 2017 | Updated March 5, 2017

INCREASE FONT SIZE

## Tainted water at former air base has New Hampshire families on edge

### NH House Passes 2 Bills To Protect Firefighters And Public From Harmful Chemicals Including PFAS

NH House

MARCH 19, 2019

May 8, 2019 NH Labor News

## Maine Dairy Farmers Find PFAS In Their Milk, Again

PRESS RELEASE

NEWS | BY: ANNA-LISA LACA

## Commonwealth Begins Program to Remove Legacy Firefighting Foams from Fire Department Stockpiles

New Initiative Targets Old Foam That Could Impact Environment, Public Health

## A lurking danger for R.I.'s drinking water

By Alex Kuffner  
Journal Staff Writer  
kuffneralex  
Posted May 17, 2019 at 5:03 PM  
Updated May 18, 2019 at 5:38 PM

News > Local-Regional

## Vt. lawmakers pass bill requiring water testing, treatment for PFAS

LOCAL & STATE > Posted March 22 | Updated March 22

INCREAS

## State says sludge must be tested for 'forever chemicals' before it's used as fertilizer

The new requirement comes as a farmer in Arundel blames municipal sludge containing PFAS for contaminating his land and dairy herd.

BY KEVIN MILLER STAFF WRITER

## Hoosick Falls Study Finds More Illnesses Linked To PFOA Exposure

By KAREN DEWITT • AUG 21, 2018

## State reaches final agreement with Saint-Gobain on Bennington drinking water

By Elizabeth Gribkoff  
Apr 10 2019 | 3 reader footnotes

## N.H. Sues Makers of PFAS Chemicals for Drinking Water Contamination

By ANNIE ROPEIK • MAY 29, 2019

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# Evolution of PFAS Knowledge in CT

- EPA-mandated testing of large public drinking water systems

**2013-2015**

- Contamination in Westchester County, NY

**2017**

- DPH requires testing at proposed public wells
- DEEP samples near MIRA landfills
- AFFF release at Bradley Airport hangar
- DESPP and DEEP issue AFFF Use Bulletin

**2019**

**2016**

- EPA Health Advisory and CT DPH Drinking Water Action Level
- EPA testing at two Superfund sites

**2018**

- Testing & public outreach in Greenwich
- Windham fire training area tested
- DPH requires land use risk assessments by 80 PWS
- DESPP and DEEP form committee to select alternative to AFFF

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# CT Agency Actions: DEEP

## Initial Identification of Possible Sites

- AFFF use – Airports, fire training areas
- Industry by SIC/NAICS codes
- Landfills

## Cleanup Criteria for Remediation Sites

- Soil and groundwater cleanup goals available for use

## Outreach and Coordination

- LEPs and regulated community
- Regional and national workgroups
- UConn
- DESPP

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# CT Agency Actions: DPH

## Drinking Water Section

- Requires large public water systems to assess PFAS risk
- Requires testing of new public drinking water sources

## Public Health Laboratory

- Assessing feasibility for PFAS testing

## Environmental Health Section

- Drinking Water Action Level for 5 PFAS
- Health messaging and fact sheets
- Outreach to private well owners and local health departments

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# DPH, DEEP & Local Health Coordination

## Residents Ask Tough Questions on PFAS Contamination of Well Water

By: [GREENWICHFREEPRESS](#) | May 15, 2018



### Greenwich

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### Windsor



### State officials seek to reassure public on health risks from Farmington River chemical spill



By GREGORY B. HLADKY | HARTFORD COURANT | JUL 02, 2019 | 9:05 PM



# Webinar – PFAS 101

- August 7, 2019, 1:30-3:00 pm
- DPH and DEEP staff will provide a more detailed overview on PFAS.
- Additional information will follow via email.



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# PFAS Task Force Committees

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## Human Health

Minimize human health risk for Connecticut residents

## Pollution Prevention

Minimize future releases of PFAS to the environment

## Remediation

Identify, assess, and clean up historic releases of PFAS to the environment

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# Human Health Committee

## Minimize human health risk for Connecticut residents

- Agency lead: **DPH**
- Date of first meeting: **Week of August 12**
- Example topics to consider:
  - Drinking water standards
  - Statewide testing of at-risk drinking water sources
  - Technical assistance to drinking water systems and private wells
  - Expanded fish and shellfish testing
  - Testing of agricultural products

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# Pollution Prevention Committee

## Minimize future releases of PFAS to the environment

- Agency lead: **DEEP**
- Date of first meeting: **Week of August 12**
- Example topics to consider:
  - Determine universe of potential PFAS sources
  - Support for AFFF take-back program and initiatives to minimize AFFF use
  - Criteria for agricultural use of biosolids
  - Consideration of PFAS-free consumer product alternatives

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# Remediation Committee

## Identify, assess, and clean up historic releases of PFAS to the environment

- Agency lead: **DEEP**
- Date of first meeting: **Week of August 12**
- Example topics to consider:
  - Determine universe of potential PFAS sites
  - Statewide assessment of environmental media (i.e., surface water, groundwater, soil)
  - Consideration of cleanup standards
  - Methods for cleaning up contaminated water and soil

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# Stakeholders

- Welcome to join any committee
- Sign up sheets in back of the room



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# Deliverable – The PFAS Action Plan

- Due to Governor on **October 1, 2019**
- Outline steps that CT should take to address human health, pollution prevention, and cleanup
  - Prioritize actions
  - Consider resource investments, legislative changes

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# Task Force & Committee Actions

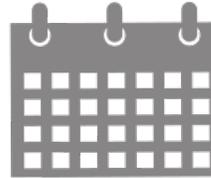


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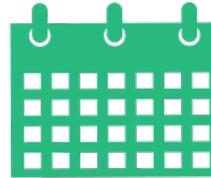
# Mark Your Calendars

PFAS 101  
WEBINAR



WEDNESDAY, AUGUST 7  
1:30 PM – 3:00 PM  
ONLINE

UPCOMING  
INTERAGENCY  
PFAS  
TASK FORCE  
MEETINGS



WEDNESDAY, AUGUST 28  
1:30 PM – 3:00 PM  
LOCATION TBD



WEDNESDAY, SEPTEMBER 18  
1:30 PM – 3:00 PM  
LOCATION TBD

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# Questions/Open Discussion

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