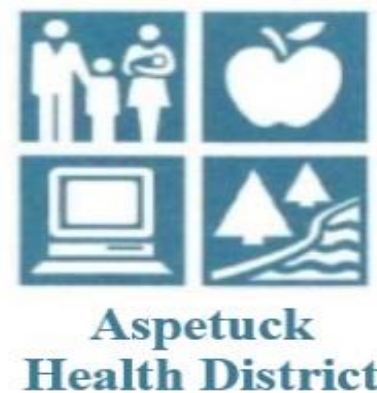


March 28, 2022

Weston Public Information Meeting |

Town of Weston
Weston Public Schools
Aspetuck Health District (formerly Westport-Weston HD)
CT Department of Public Health
CT Department of Energy & Environmental Protection



AGENDA

- Welcome and Introductions
- Why are we here?
- What are PFAS?
- What are the health effects of PFAS?
- Can I test for PFAS? Can it be removed from drinking water?
- Next Steps
- Questions

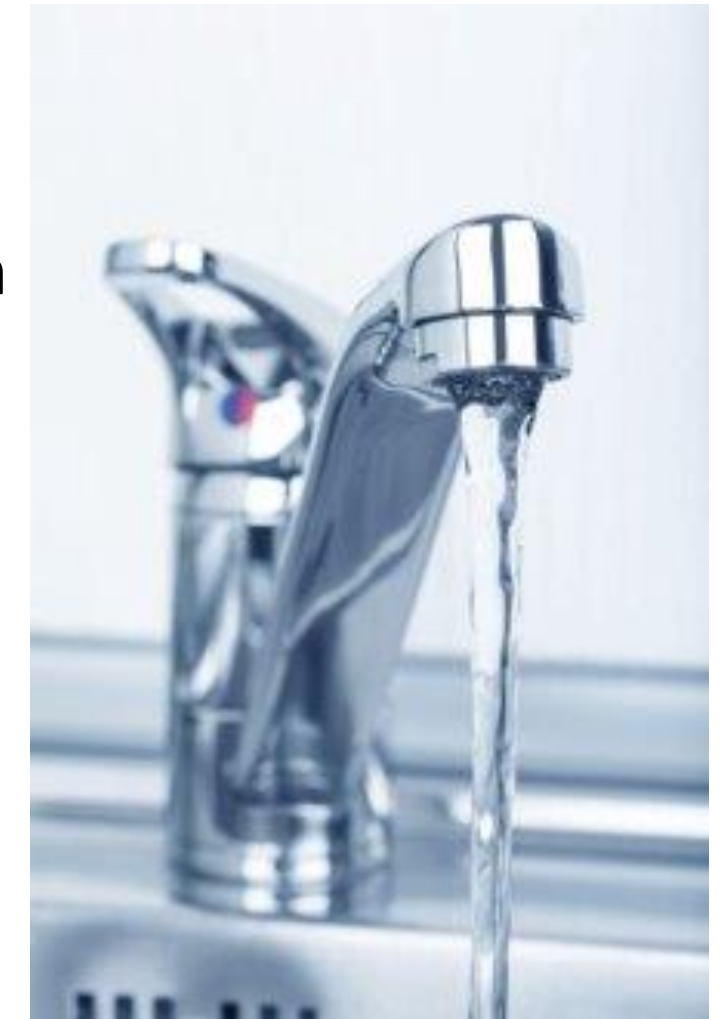
WHY ARE WE HERE?

- The drinking water provided to **Weston Public School & Weston Town** buildings meets current federal and current state standards after recent testing.
- Low levels of per-and polyfluoroalkyl substances (PFAS) were found.
- The Town *voluntarily* shared results with CT DPH. We are working hand in hand to resolve
- Current precautionary actions:
 1. Communicate test results, information about PFAS, remediation efforts, and next steps;
 2. Provide bottled water for drinking and cooking for Town & School buildings until the filtration systems are installed and operational; continue monitoring situation

TOWN SCHOOL WATER	PFAS TESTS DEC 2021	PFAS TESTS JAN 2022	DPH ACTION LEVEL
WELL 3**	47 ppt	44 ppt	70 ppt
WELL 4	33 ppt	13 ppt	70 ppt

** Is not currently service the School | Town Drinking Water System

DPH Action level is 70 parts per trillion (ppt) or nanograms per liter for the sum of the following five PFAS: Perfluorooctanoic acid (PFOA), Perfluorooctane Sulfonic Acid (PFOS), Perfluorononanoic Acid (PFNA), Perfluorohexane Sulfonic Acid (PFHxS) and Perfluoroheptanoic Acid (PFHpA)



WHY WESTON TESTED

- We are planning on upgrading the water system that serves the School and Municipal Buildings
- We are being proactive by testing for chemicals that are not currently regulated
- The State's PFAS Action Plan Prioritizes testing of public water systems...that serve vulnerable receptors such as schools and daycares

PFAS DRINKING WATER GUIDELINES

- EPA Lifetime Health Advisory of 70 ppt for PFOA and PFOS, individually or combined
- CT guideline is more stringent

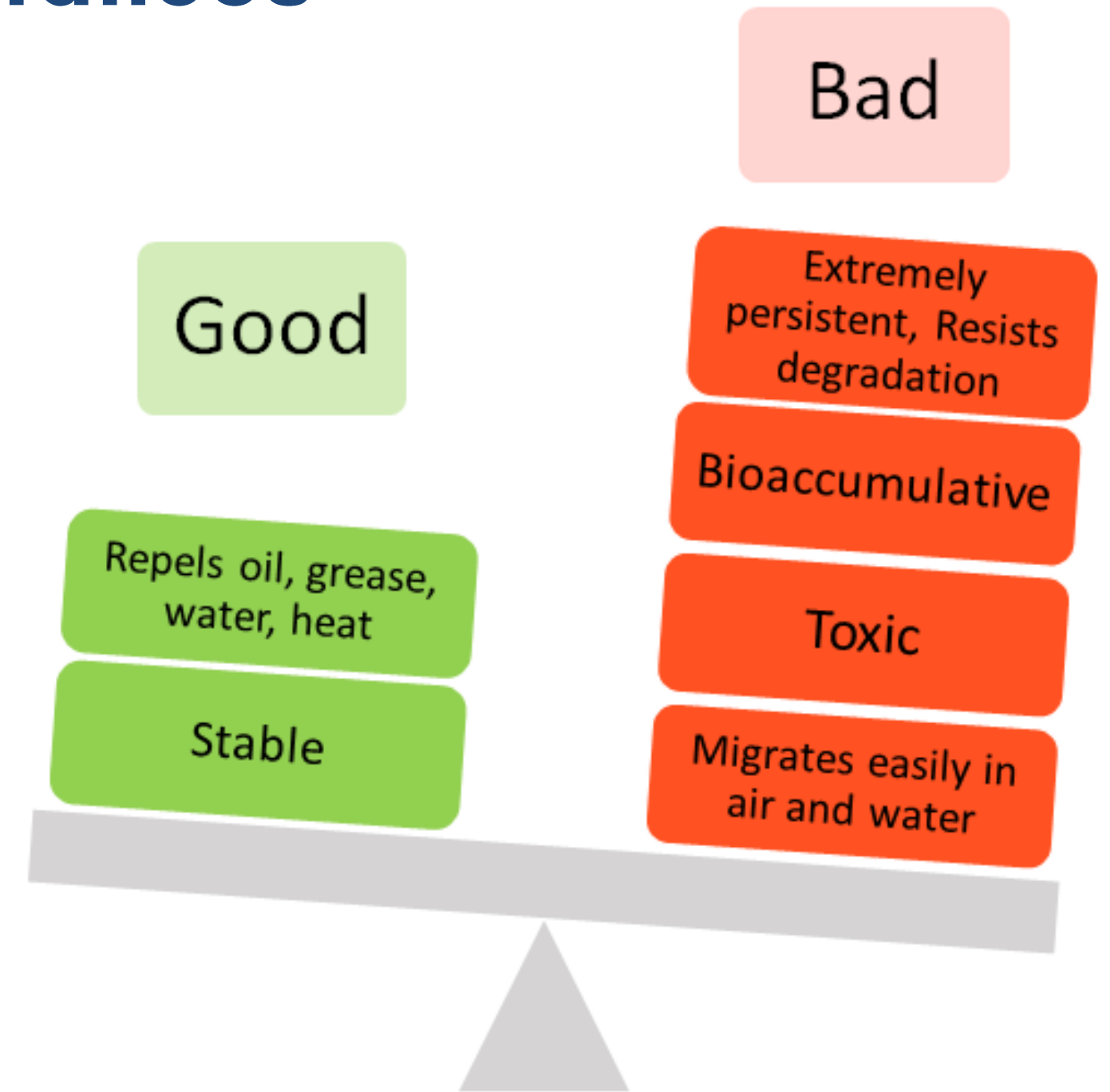
Current **CT Drinking Water Action Level = 70 ppt**
for [PFOA + PFOS + PFNA + PFHxS + PFHpA]

- December 2022: EPA will release draft rule for PFOA and PFOS in drinking water

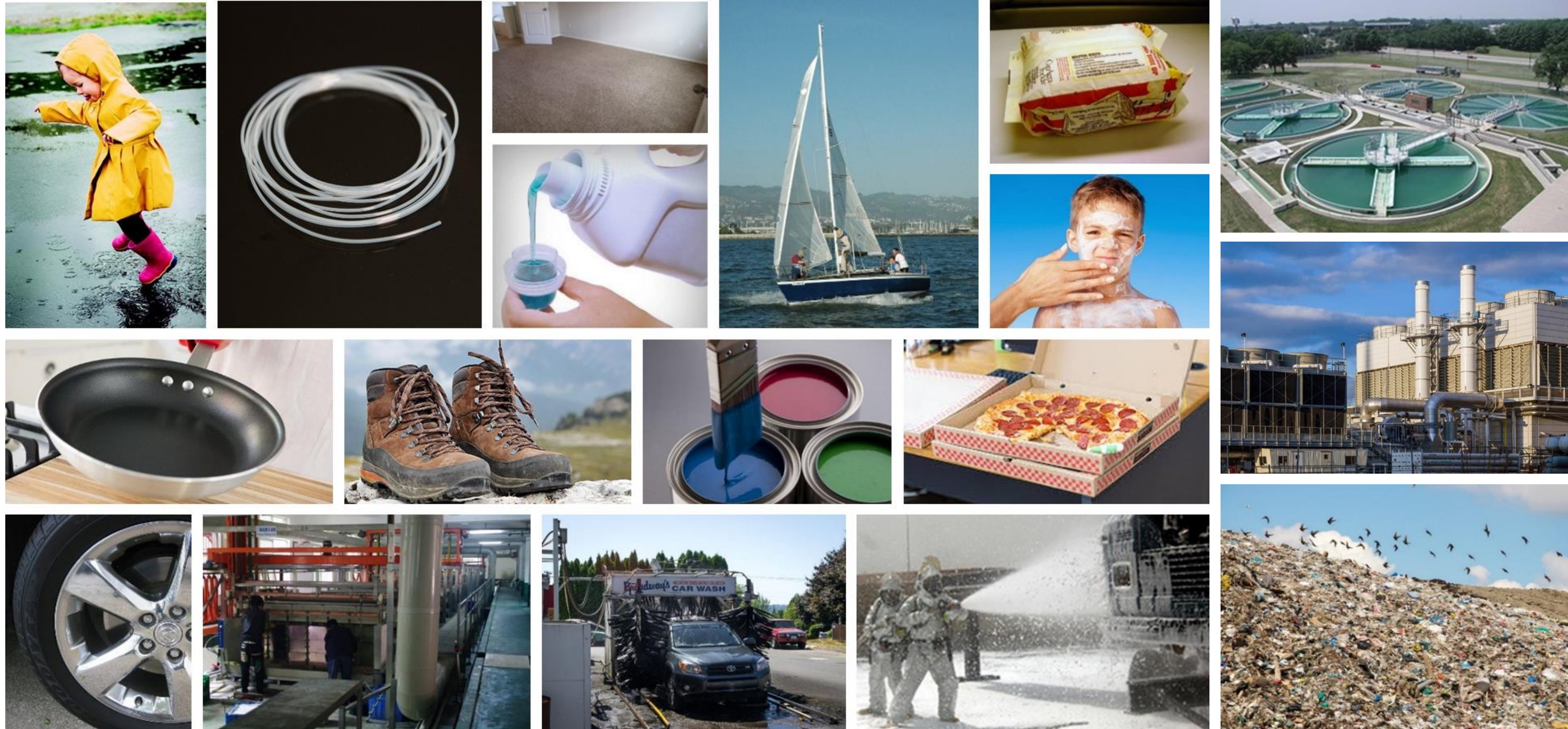
WHAT ARE PFAS?

PFAS = Per- and polyfluoroalkyl substances

- Over 9,000 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



WHAT ARE THE SOURCES OF PFAS?



WHAT ARE THE HEALTH EFFECTS OF PFAS?

The main health concerns for PFAS come from studies in laboratory animals.

The most sensitive effects

- Reproductive and developmental (e.g., low birth weight and growth)
- Reduced immune function (e.g., decreased antibody response to antigen challenge)

At higher doses

- Changes in liver, kidney, and thyroid
- Disturbs natural hormones and lipids (e.g., cholesterol)
- Causes kidney cancer, as well as testicular cancer at very high exposures

PFAS TESTING and TREATMENT

- Testing your private well water for PFAS:
 - Use a [CT approved laboratory](#) that is certified to analyze for PFAS
 - Carefully follow the laboratory instructions for collection and shipment of the samples
- Treating water for PFAS:
 - PFAS can be removed to below detectable levels
 - Treatment systems should be certified by the National Sanitation Foundation (NSF) to remove PFAS
 - Granulated Activated Carbon
 - Ion Exchange
 - Reverse Osmosis
 - Consult with a water treatment professional
- Final note—**PFAS cannot be removed by boiling the water**



Aspetuck Health District



Aspetuck
Health District

- Will review water quality results, provide site information, and work collaboratively with town officials, DPH and DEEP to collect any appropriate local water sampling.
- Supports Weston's prompt actions of providing bottled drinking water until a longer-term solution is in place, authorizing upgrades and appropriate filtering of the water system, and initiating environmental studies.
- Has arranged for PFAS test kits from a private lab to be available to home-owners for anyone wanting to test their private well, that can be picked up at the Health District office. Cost is \$250 and is borne by the homeowner.
- Health District staff will continue to be available to residents for questions and to discuss concerns. 203.227.9571.

NEXT STEPS

- Town of Weston/Aspetuck HD
 1. Actively designing a filtration system to remediate PFAS, and submit to CT DPH for review and approval;
 2. Install a CT DPH approved PFAS filtration system on the drinking water system; &
 3. Continue to monitor PFAS levels in the future.
- Department of Public Health
- Department of Energy & Environmental Protection

Questions?

FOR MORE INFORMATION

Aspetuck Health District:

Mark Cooper, Director of Health: publichealth@wwhd.org

Town of Weston:

Jonathan Luiz, Town Administrator: jluiz@westonct.gov

Questions about drinking water from public supplies:

DPH [Drinking Water Section](#) and Emerging Contaminants Unit: Patricia.Bisacky@ct.gov
(860) 509-7333 or DPH.EmergingContaminants@ct.gov

Questions on drinking water from private wells and treatment options:

DPH [Private Well Program](#): (860) 509-8401 or DPH.PrivateWellProgram@ct.gov

Questions about PFAS health effects:

DPH [Environmental & Occupational Health Assessment Program](#): Margaret.Harvey@ct.gov ,
Cheryl.Fields@ct.gov at (860) 509-7740 or DPH.EOHA@ct.gov

Questions on investigation and cleanup of PFAS:

DEEP [Remediation Division](#): Shannon.Pociu@ct.gov, (860) 424-3546, or
Kevin.Neary@ct.gov , (860) 424-3947

CT Interagency PFAS Task Force: [PFAS Task Force \(ct.gov\)](http://PFAS.Task.Force.ct.gov)