

# Hyannis PFAS Community Working Group (HPCWG)

## Steering Committee

- **Betsy Young**, Greater Hyannis Civic Association
- **Rachel Youngling**, Hyannis Park Civic Association
- **Chris Powicki**, Sierra Club's Cape Cod & Islands Group
- **Linda Bolliger**, Community Liaison

## Other Regular Participants

- Technical advisor: **Tom Cambareri**, Sole Source Consulting
- Concerned citizens
- Barnstable Town Council members

*Launched Spring 2023 for grassroots discussion, coordination, and collaboration focused on providing comprehensive understanding of PFAS contamination and accelerating site cleanup at the former Barnstable County Fire Training Academy (BCFTA) and Cape Cod Gateway Airport*

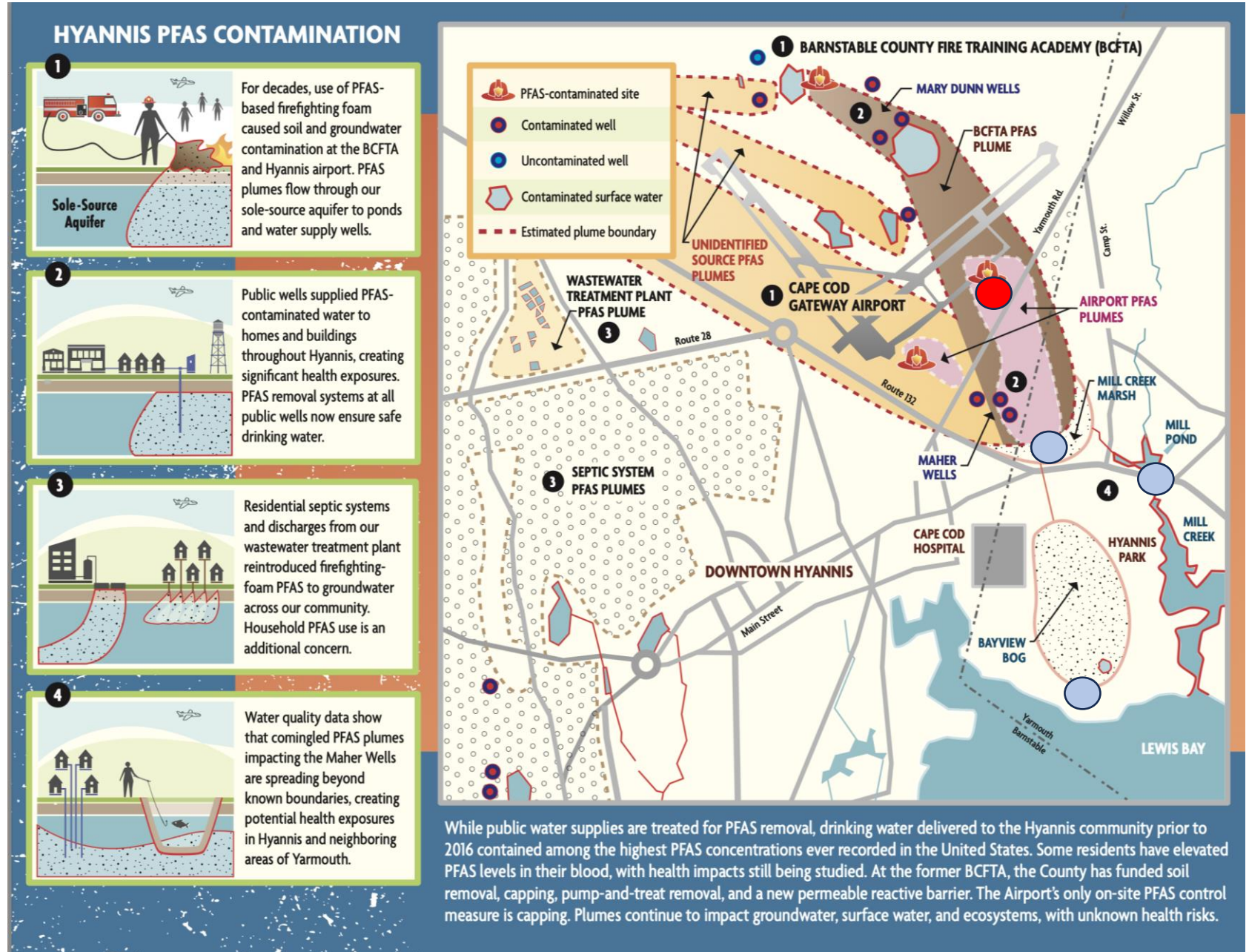
## Milestones

- Hosted public information sessions and forums
- Received 2024-25 MassDEP Technical Assistance Grant (TAG) to pursue comprehensive understanding of how interacting PFAS plumes are contaminating our sole-source aquifer and creating health risk exposures
  - **TAG Tasks:** Represent community interests by analyzing data and reports, participating in technical meetings, synthesizing and communicating information, and conducting outreach and engagement
- Issued technical memo addressing PFAS contamination downstream of Maher Wells
- Coordinated public comments and questions relating to BCFTA/Airport sites and Airport's expansion plan
- Provided updates to Barnstable, Yarmouth, Barnstable County, Airport, MassDEP, USEPA, and other officials
- Received 2025-26 TAG addressing BCFTA and Airport sites

How did the contamination occur?

How extensive is the contamination, and what are ongoing concerns?

What's the status of site cleanup activities?



# Airport's Cap Is Not Preventing Offsite Migration

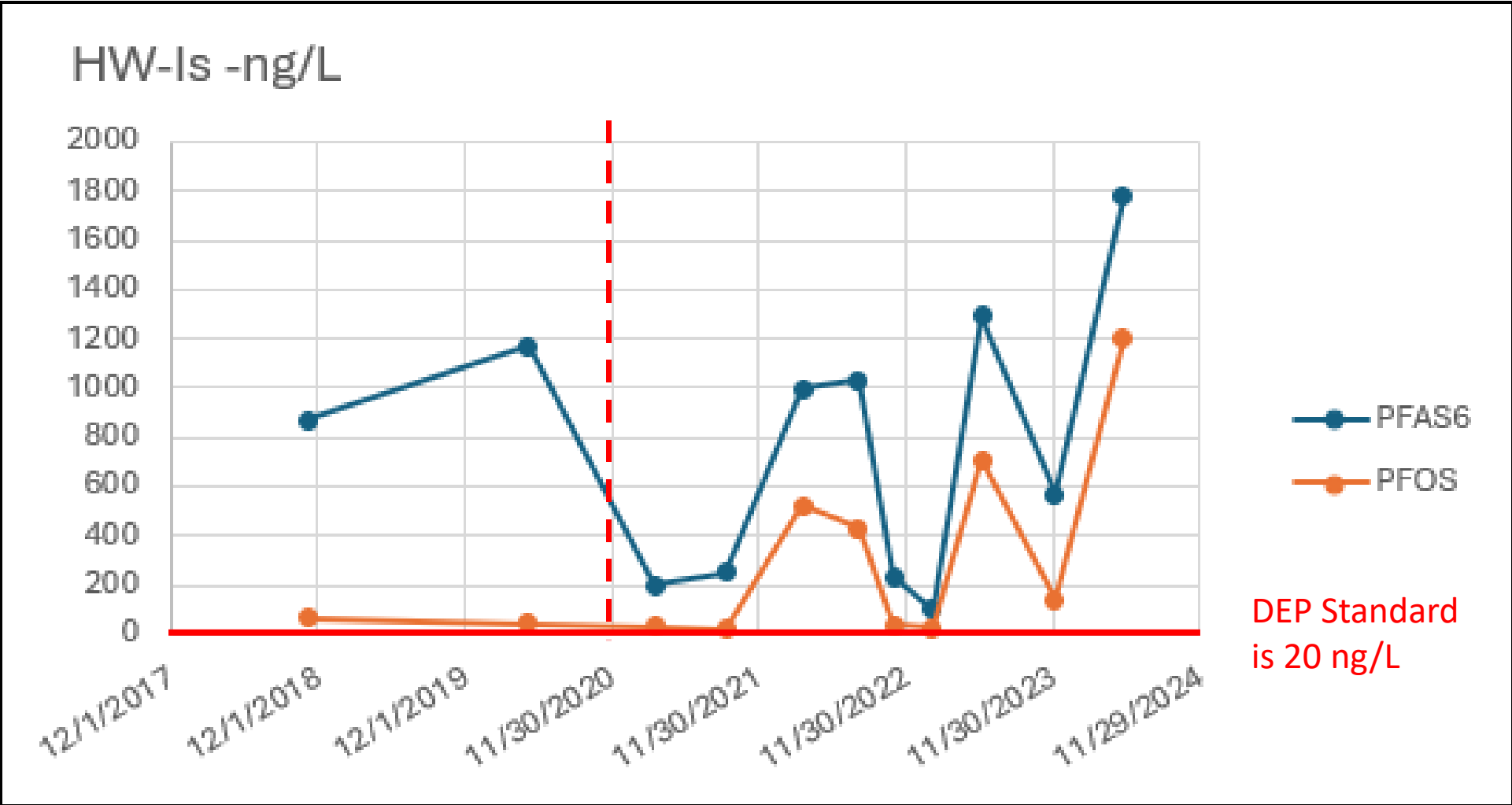


Figure 4 Shallow Deployment Area Monitoring Well showing continuous release and increasing concentrations of Regulated PFAS6 and PFOS after Cap Installation

# Airport's Plume Extends Beyond Maher Wells

PFAS Test Results from Hyannis Park Civic Association Sampling

PFAS Compounds May 21, 2024	Mill Creek Marsh	Grist Mill	Hospital Bogs @Park Street	Mill Creek Park @ Rt 28
Field Id	MCK	GM	PST	MCP
Perfluorobutanoic Acid (PFBA)	87.7	8.3	4.29	4.8
Perfluoropentanoic Acid (PFPeA)	404	35.5	8.72	2.88
Perfluorobutanesulfonic Acid (PFBS)	2.54	3.87	6.26	3.12
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ND	ND
Perfluorohexanoic Acid (PFHxA)	206	22.2	8.96	4.41
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	2.15	ND
Perfluoroheptanoic Acid (PFHpA)	101	10	4.69	2.28
Perfluorohexanesulfonic Acid (PFHxS)	26.6	12.4	18.6	ND
Perfluorooctanoic Acid (PFOA)	40.2	8.48	9.04	4.06
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1250	34.1	ND	ND
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ND	ND
Perfluorononanoic Acid (PFNA)	12.4	3.65	2.62	ND
Perfluorooctanesulfonic Acid (PFOS)	178	72	23.3	3.21
Perfluorodecanoic Acid (PFDA)	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	21	ND	ND	ND
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ND	ND
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF)	ND	ND	ND	ND
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ND	ND
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ND	ND
Perfluorooctanesulfonamide (FOSA)	ND	ND	ND	ND
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS)	ND	ND	ND	ND
Perfluorododecanoic Acid (PFDoA)	ND	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ND	ND
Perfluorotetradecanoic Acid (PFTTA)	ND	ND	ND	ND
PFAS6	379.2	106.53	58.25	9.55
Total PFAS	2329.44	210.5	88.63	24.76

6:2 FTS = Airport's signature compound

PFAS6 = Sum of regulated compounds

Credits: Sole Source Consulting LLC

Sampling Locations in the Mill Creek System

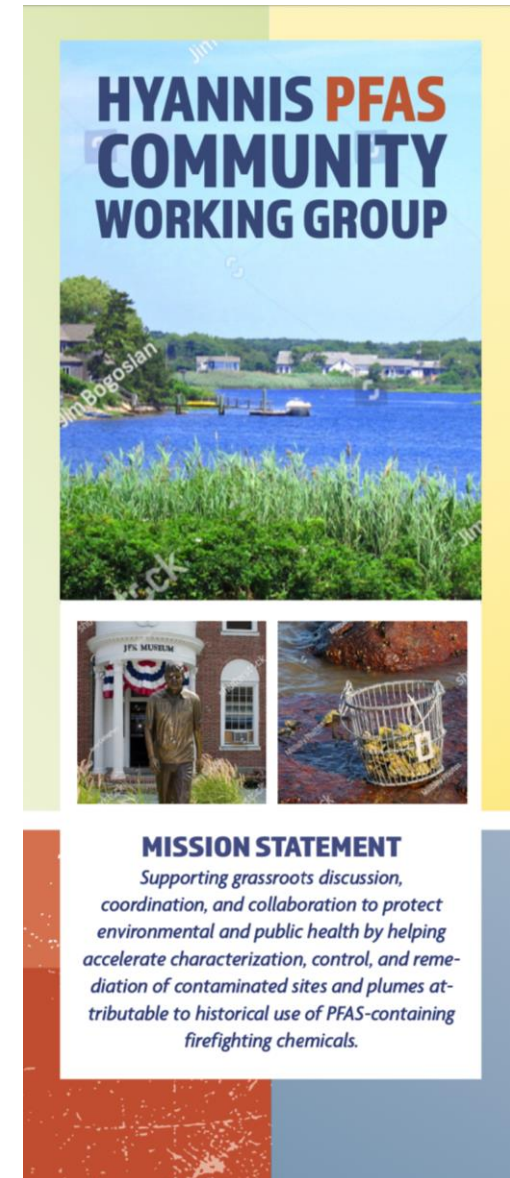


Comparison of PFAS Test Results in the Mill Creek System

PFAS Compounds Comparison Between DEP (10/24/2023), HPCA (05/21/2024 and Harvard)	Concentration (ng/L)					
	Sample ID					
	MILL CREEK PARK-DEP	Mill Creek Park-HPCA	BAXTER GRISTMILL DEP	Grist Mill - HPCA	Mill Creek Harvard	Mill Creek Harvard
	10/24/2023	5/21/2024	10/24/2023	5/21/2024	7/11/2018	4/9/2019
Perfluorooctane Sulfonic acid (PFOS)	76.30	3.21	31.70	72.00	31.82	20.50
Perfluorooctanoic Acid (PFOA)	14.80	4.06	9.96	8.48	13.91	8.46
Perfluorohexane Sulfonic Acid (PFHxS)	12.50	ND	16.60	12.40	19.71	14.56
Perfluorononanoic Acid (PFNA)	8.64	ND	3.44	3.65	5.54	3.91
Perfluoroheptanoic Acid (PFHpA)	12.80	2.28	14.80	10.00	18.61	9.72
Perfluorodecanoic Acid (PFDA)	2.16	ND	ND (1.92)	ND	0.61	0.41
SUM of PFAS6	127.20	9.55	76.50	106.53	90.20	57.56
6:2 FTS	72.30	ND	58.90	34.10	30.02	36.89
PFPeA	47.90	2.88	53.00	35.50	66.64	34.32
PFHxA	27.90	4.41	33.30	22.20	45.02	23.49

# Next Steps: HPCWG Activities

- Translate and distribute “Hyannis PFAS Contamination” infographic
- Conduct public outreach and engage with community groups and officials
- Review BCFTA/Airport technical reports prepared under MassDEP cleanup program
- Represent community in BCFTA/Airport technical sessions and public meetings
- Coordinate and collaborate with Silent Spring, USGS, and other organizations
- Pursue grants for targeted PFAS sampling and outreach
- Advocate for ...
  - Expanded awareness of PFAS blood testing and potential health implications of elevated PFAS levels
  - Comprehensive characterization of PFAS contamination
  - Accelerated PFAS cleanup at the source
  - Federal and state funding to support PFAS cleanup



The infographic features a large header with the text "HYANNIS PFAS COMMUNITY WORKING GROUP" in blue and red. Below the header is a photograph of a coastal town with houses and a blue body of water. At the bottom, there are two smaller images: one of a man in a uniform standing in front of a building labeled "JFK MUSEUM", and another of a yellow fire truck. The text "MISSION STATEMENT" is written in bold blue letters, followed by a paragraph of text in italics.

**HYANNIS PFAS  
COMMUNITY  
WORKING GROUP**

**MISSION STATEMENT**  
*Supporting grassroots discussion, coordination, and collaboration to protect environmental and public health by helping accelerate characterization, control, and remediation of contaminated sites and plumes attributable to historical use of PFAS-containing firefighting chemicals.*

# Next Steps: What Can the Barnstable Town Council Do?

- Urge Airport to sample for PFAS downstream of Maher Wells
- Urge Airport to commit to comprehensive on-site PFAS cleanup
- Encourage longtime residents and workers to get PFAS blood tests
- Publicize and attend BCFTA and Airport meetings focused on site characterization and cleanup activities
- Support and participate in HPCWG activities

**Questions?**

**Contact:**

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