

**PFAS (The Everywhere and Forever Chemicals) ^{signin}

USGS recently estimated that 45% of tap water contains at least one detectable PFAS, while the EPA recently reported that ~8% of PWSs tested under UCMR5 found PFOS/PFOA at levels above proposed MCL



NATIONAL NEWS RELEASE

Tap water study detects PFAS 'forever chemicals' across the US USGS estimates at least 45% of tap water could have one or more PFAS



Table 3. July 2023 Data Summary¹

Contaminant	MRL ² (µg/L)	Total number of PWSs with results	Number of PWSs with results ≥MRL	% of PWSs with results >Ref Conc ⁴	
hexafluoropropylene oxide dimer acid (HFPO-DA) (GenX chemicals)	0.005	2,002	6	0.05%	
perfluorobutanesulfonic acid (PFBS)	0.003	2,003	192	0.0%	
perfluorooctanesulfonic acid (PFOS) ⁵	0.004	2,001	170	8.5%	
perfluorooctanoic acid (PFOA)5	0.004	2,002	156	7.8%	

Sources of PFAS Water Contamination

- 1. DoD AFFF Use
- 2. Manufacturing
- 3. Landfills

🔵 Recording

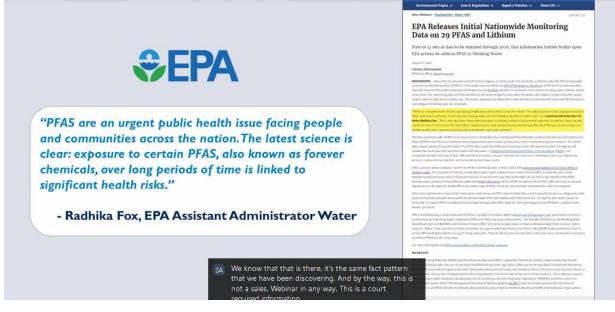
- 4. Airport AFFF Use
- 5. FTC AFFF Use
- 6. Refinery AFFF Use

enp Environmental Health Perspectives

Evaluation and Management Strategies for Per- and Polyfluoroalkyl Substances (PFASs) in Drinking Water Aquifers: Perspectives from Impacted U.S. Northeast Communities

PFAS source	Upper magnitude (µg/L)	No. PFASs	Risk score	Table 1 source type
DoD facilities	10,000	28	100	AFFF use (DoD)
Chemical manufacturing	1,000	13	100	PFAS/FP manufacturing
Landfills	1,000	11	100	Waste streams (landfills)
Airports	100	28	75	AFFF use (Airports) ^a
Fire training areas	100	28	75	AFFF use (fire training areas) ^a
Petroleum refineries	10	28	75	AFFF use (petroleum refineries)"
Textiles	10	13	50	FP coating (plastics, textiles, metals)
Furniture	10	13	50	FP coating (plastics, textiles, metals)
Paper	10	13	50	FP coating (plastics, textiles, metals)
Rubber/plastics	10	13	50	FP coating (plastics, textiles, metals)
Fire Stations	N/A	28	25	N/A ^{a,b}
Fabricated metal	N/A	11	25	N/A ^c

Source: Guelfo et al, Evaluation and Management Strategies for Per- and Polyfluoroalkyl Substances (PFASs) in Drinking Water Aquifers: Perspectives from Impacted U.S. Northeast Communities, Envt⁴ Health Perspectives (2018), <u>https://doi.org/10.1289/EHP2727</u>.



Court ordered Mandates presentation here

CONTRACTOR OF CO		Office of	Wat
EPA's Proposed Action for th	e PFAS NPDW	/R	
Compound	Proposed MCLG	Proposed MCL (enforceable levels)	
PFOA	0 ppt*	4.0 ppt*	
PFOS	0 ppt*	4.0 ppt*	
PFNA			
PFHxS	1.0 (unitless)	1.0 (unitless)	
PFBS	Hazard Index	Hazard Index	

First contaminate measured in the parts per trillion – goal was 0 at a non-detect.



EPA has estimated the annual costs for PWSs nationwide to comply with NPDWR will be between **\$772 million** and **\$1.2 billion** Table 5-2: National Annualized Costs, Proposed Option (PFOA and PFOS MCLs of 4.0 ppt and HI of 1.0; Million S2021)

	3%	o Discount Ra	nte	7% Discount Rate				
	5 th Percentile ^a	Expected Value	95 th Percentile ^a	5 th Percentile ^a	Expected Value	95 th Percentile ^a		
Annualized PWS Sampling	\$76.33	\$88.64	\$102.15	\$78.71	\$91.27	\$105.00		
Costs								
Annualized PWS	\$1.71	\$1.71	\$1.71	\$3.52	\$3.52	\$3.52		
Implementation and Administration Costs								
Annualized PWS Treatment	\$619.29	\$673.59	\$741.17	\$1,012.54	\$1,101.26	\$1,206.49		
Costs								
Total Annualized PWS Costs	\$697.54	\$763.93	\$841.97	\$1,098.59	\$1,195.99	\$1,311.59		
Primacy Agency Rule Implementation and Administration Cost	\$6.91	\$7.83	\$8.86	\$7.68	\$8.64	\$9.69		
Total Annualized Rule Costs ^{b,c,d}	\$704.53	\$771.77	\$850.40	\$1,106.01	\$1,204.61	\$1,321.01		

Who is responsible for this? Class actions can be filed in district court.

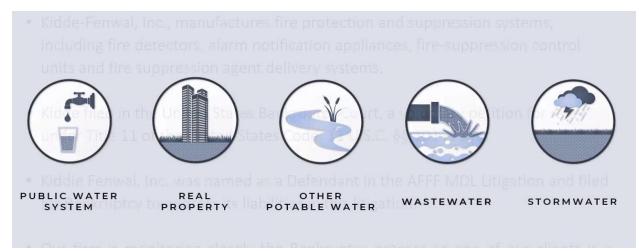
PFAS Manufacturers	AFFF Manufacturers
3M Company	3M Company
Asahi Glass Co. (AGC)	Ansul
Archroma/Clariant	Amerex
Arkema	Buckeye
BASF/Ciba-Geigy	Chemguard
Chemguard	Kidde
Chemours/DuPont	National Foam
Daikin	Perimeter Solutions
Dynax	Тусо
Solvav	

Date	Event
December 7, 2018	MDL is established consolidating AFFF cases nationwide
February 1, 2021	Initial pool of bellwether water supplier cases chosen
September 15, 2022	Court denies manufacturers' motion re: government contractor defense
October 24, 2022	Court scheduled first bellwether supplier trial to begin on June 5, 2023
May 11, 2023	Kidde-Fenwal Inc. files for Chapter 11 bankruptcy
June 4, 2023	Court postpones first bellwether water supplier trial against 3M to allow parties to continue negotiating global resolution
June 22, 2023	\$12. 5 billion settlement reached with 3M to resolve water supplier liabilities
June 30, 2023	\$1.185 billion settlement reached with Dupont to resolve water supplier liabilities
August 22, 2023	Court granted preliminary approval of Dupont settlement.
August 29, 2023	Court granted preliminary approval of 3M settlement.

June 22 and June 30 – 3M & Dupont Settlement key information. Court has approved a notice to municipalities. The following is how it came together. Kiddle filed for bankruptcy earlier this year. Here are what the claims look like:

- Kidde-Fenwal, Inc., manufactures fire protection and suppression systems, including fire detectors, alarm notification appliances, fire-suppression control units and fire suppression agent delivery systems.
- Kidde filed in the United States Bankruptcy Court, a voluntary petition for relief under Title 11 of the United States Code, 11 U.S.C. §§ 101 *et seq*.
- Kiddie Fenwal, Inc. was named as a Defendant in the AFFF MDL Litigation and filed for Bankruptcy to address its liabilities in this litigation.
- Our firm is monitoring closely the Bankruptcy process as one of our clients is a member of the Unsecured Creditors Committee and my Partner, Hunter Shkolnik was appointed as Co-Chair of the Committee.

This presentation is only about public water systems only.....not the others.



Important Timelines below as of a certain date, you are eligible for a phase 1 settlement:

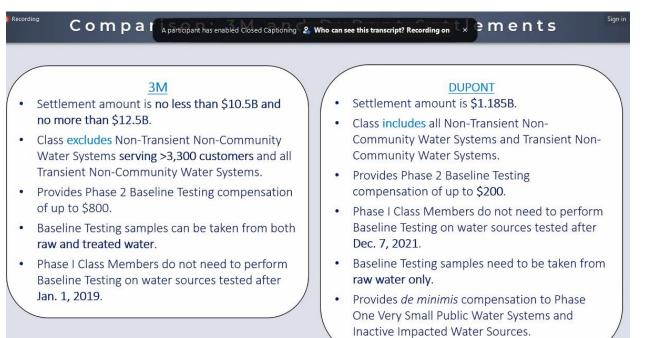
	DUPONT
Date	Event
September 5, 2023	Notice of Settlement
December 4, 2023	Objections and Requests for Exclusions
December 14, 2023	Final Fairness Hearing
Pending (Final Fairness Hearing + 30 business days)	Order Granting Final Approval
Pending (Order Granting Final Approval + 30 business days.	Final Judgement
Pending (Date of Final Judgement)	Pending (Date of Final Judgement)
60 days after the Effective Date	Phase One Public Water System Settlement Claims Form
45 days after the Phase One Public Water Systems Claims Form	Phase One Special Needs Claims Form
January 1, 2026	Phase Two Testing Claims Form
June 30, 2026	Phase Two Public Water System Claims Form

Important Timelines below – larger settlement

	3M
Date	Event
9/12/2023	Notice of Settlement
TBD (No less than 60 calendar days after Notice is is issued)	Objections and Requests for Exclusions
2/4/2024	Final Fairness Hearing
Pending (Final Fairness Hearing + 30 business days)	Order Granting Final Approval
Pending (Order Granting Final Approval + 30 business days.	Final Judgement
Pending (Date of Final Judgement)	Pending (Date of Final Judgement)
60 days after the Effective Date	Phase One Public Water System Settlement Claims Form
45 days after the Phase One Public Water Systems Claims Form	Phase One Special Needs Claims Form
Sanuary 1, 2026	Phase Two Testing Claims Form

- 3M settlement alone would be the largest drinking water contamination settlement in U.S. history and represents nearly a quarter (22%) of 3M's total value.
- Collectively the settlements would be the largest source of PFAS funding made available to water suppliers to date.
- Proposed settlements only release water supplier claims for treatment and remediation costs.
- Proposed settlement does not cover or release:
 - 1. Claims against 3M or DuPont for anything other than water treatment/remediation costs
 - 2. Water supplier claims asserted against any other defendant in the MDL
 - 3. Claims asserted against 3M and DuPont by non-water supplier plaintiffs

WI just distributed state grants and Federal Grants. Compare both 3-M and Dupont: Bullet 2 should be less than 3000 - note



Phase 2 – non-detect funding, which is most of the viewers. Phase 1 detects do not need to perform phase 2 testing.

Who is part f this eligibility? Had a detect under UCMR-5

3M

(a) An Active Public Water System in the United States that has one or more Impacted Water Sources as of June 22, 2023;

AND

(b) An Active Public Water System that does not have one or more Impacted Water Sources as of June 22, 2023, and (i) is required to test for certain PFAS under UCMR-5, or (ii) Serves more than 3,300 people as defined under SDWIS.

DUPONT

(a) All Public Water Systems in the United States of America that draw or otherwise collect from any Water Source that, <u>on or before June 30, 2023, was tested or</u> <u>otherwise analyzed for PFAS and found to contain any PFAS</u> <u>at any level</u>;

AND

(b) All Public Water Systems in the United States of America that, as of June 30, 2023, are (i) subject to the monitoring rules set forth in UCMR 5 (i.e., "large" systems serving more than 10,000 people and "small" systems serving between 3,300 and 10,000 people), or (ii) required under applicable state or federal law to test or otherwise analyze any of their Water Sources or the water they provide for PFAS before the UCMR 5 Deadline.

Exclusions: no private wells.

	3M	DUPONT
a)	Non-Transient Non-Community Water Systems serving 3,300 or fewer people.	a) Any Public Water System that is in Bladen, Brunswick Columbus, Cumberland, New Hanover, Pender, o
b)	Transient Non-Community Water Systems of any size.	Robeson counties in North Carolina; provided, however
c)	Public Water Systems listed in Exhibit G, which are associated with a specific PFAS-manufacturing facility	that any such system will be included within the Settlement Class if it so requests.
	owned by 3M.	 b) Any Public Water System that is owned and operated by a State or federal government and cannot sue or be
d)	Any Public Water System that is owned by the state or federal government and lacks independent authority to sue and be sued.	sued in its own name.
- 1		d) Any privately owned well or surface water system that
e)	The Public Water Systems that are listed in Exhibit J and have previously settled their PFAS-related Claims against 3M.	is not owned by, used by, or otherwise part of, and does not draw water from, a Public Water System within the Settlement Class.
f)	Any privately owned well that provides water only to its owner's (or its owner's tenant's) individual household and	
	any other system for the provision of water for human consumption that is not a Public Water System.	

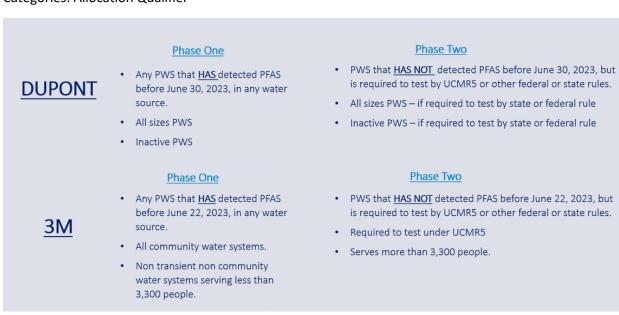
Calculation of the volume of the water system and the concentration of the detection give you a score of PFAS

- The Allocation Procedures were designed to fairly and equitably allocate the Settlement Funds among Qualifying Settlement Class Members to resolve PFAS contamination of Public Water Systems in such a way that reflects factors used in designing a water treatment system in connection with such contamination.
- Both the volume of contaminated water and the degree of contamination are the main factors in calculating the cost of treating PFAS contamination.
- The Allocation Procedures use scientific EPA-derived formulas to arrive at Allocated Amounts that proportionally compensate Qualifying Settlement Class Members for PFAS-related treatment.

Submitting Claims Form:

The Claims Administrator will verify that each Entity that submits a Claims Form is a Qualifying Settlement Class Member and will confirm the category into which the Settlement Class member falls.

- <u>Phase One</u> Qualifying Settlement Class Member
- Phase Two Qualifying Settlement Class Member



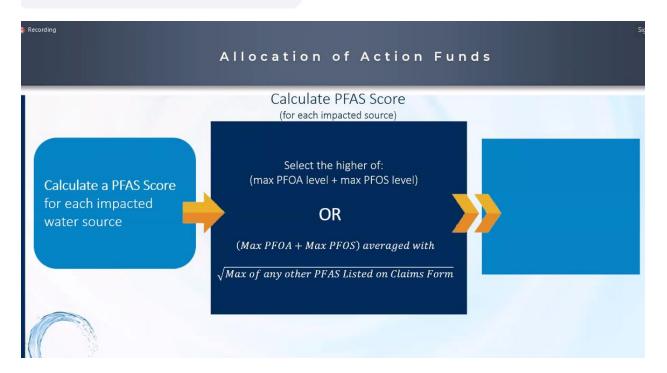
Categories: Allocation Qualifier

Overview of Funds



" Does the settlement apply to municipal systems who's water source is another system? "

It depends. If the system treats the purchased water it could potentially qualify.



What is the Adjusted Base Score?

The Claims Administrator will then evaluate the Claims Forms of each Class Member to determine if it is eligible for 3 bumps:

<u>LITIGATION BUMP</u>: will apply to Class Members with a pending lawsuit against the Settling Defendants alleging PFAS contaminated drinking water.

<u>BELLWETHER BUMP</u>: will apply to the 10 Class Members that served as the Public Water Provider Bellwether plaintiffs.

<u>REGULATORY BUMP</u>: will apply when an impacted water source exceeds an applicable state Maximum Contaminant Level (MCL) or the proposed federal MCL.

The calculation of the bumps is going to be added to the Base Score:

Adjusted Base Score = (Sum of Adjustments * Base Score) = + Base Score

There are differences in testing procedures – so below list explains. Raw should be tested to comply with both settlements. A test of every source is required.

Baseline Testing

- Phase One and Phase Two Settlement Class Members must perform "Baseline Testing", that is, public water systems must test <u>every</u> water source (groundwater well or surface water system) they own for PFAS.
- Baseline Testing is different from what the EPA requires for UCMR5. Under UCMR5, a public water system is required to test for PFAS only at the entry points to its distribution system. However, Baseline Testing requires:
 - 1. settlement class members to test every water source for at least 29 PFAS chemicals required under UCMR 5, using a methodology consistent with the requirements of UCMR 5 or applicable State requirements (if stricter);
 - 2. request from the laboratory that performs the analyses all analytical results, including the actual numeric values of all analytical results; and
 - 3. submit the detailed PFAS test results to the claims administrator on a claims form(s) by the relevant claims form deadline.

Exceptions to baseline test:

Recording

If the Public Water System previously performed testing on their water sources, they may qualify for one of the testing exceptions available under each settlement:

3M Settlement

- 1. Any water source that was tested on or before June 22, 2023, using a state or federal approved methodology and was found to contain a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing
- 2. Any water source that was tested between January 1, 2019, and June 22, 2023, and did not find a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing.

DuPont Settlement

- 1. Any water source that was tested on or before June 30, 2023, and was found to contain a measurable concentration of PFAS does not need to test that water source again for purposes of Baseline Testing
- 2. Any water source that was tested between December 7, 2021, and June 30, 2023, and did not find a measurable concentration of PFAS does not need to be tested again for purposes of Baseline Testing.

Resource for testing: You can use any EPA approved Lab.

^mBaseline Testing: Eurofins Environmental Lab

Class Counsel has arranged for discounted testing with the following laboratory to assist class members with Baseline Testing.

There is no requirement to use the listed laboratory.

Eurofins Environmental Testing

Telephone Number: (916) 374 - 4499 <u>https://www.eurofinsus.com/environment-testing/pfas-testing/pfas-</u> <u>water-provider-settlement/</u>

Per contaminated water source below:

3M Estimated Allocation Table

						blic Water P nated Alloca						
				of Public Wa	ter Systems, w	hich may and	often do hav	<u>SOURCE (per</u> e multiple wel rive at the tot	ls or water so			
			me	ans a Water Sou	rce that has a Q	IMPACTED W/ ualifying Test Re Settlement Agree	sult showing a M	Measurable Conc	centration of PF.	<u>45.</u>		
	_	Adjusted Flow Rate (gpm)										
	0	100	250	500	1,000	1,500	5,000	10,000	25,000	50,000	100,000	300,000
	2	\$36,240	\$70,013	\$115,244	\$189,694	\$253,898	\$603,369	\$993,106	\$1,918,881	\$3,157,910	\$5,196,296	\$11,436,561
	4	\$145,785	\$281,723	\$463,713	\$763,253	\$1,021,550	\$2,427,216	\$3,994,261	\$7,714,149	\$12,687,352	\$20,855,641	\$45,758,953
	10	\$148,252	\$286,489	\$471,559	\$776,166	\$1,038,832	\$2,468,269	\$4,061,800	\$7,844,507	\$12,901,569	\$21,207,290	\$46,527,255
щ	50	\$164,724	\$318,320	\$523,950	\$862,394	\$1,154,236	\$2,742,397	\$4,512,775	\$8,714,863	\$14,331,681	\$23,554,481	\$51,652,81
SCORE	100	\$185,313	\$358,108	\$589,437	\$970,176	\$1,298,484	\$3,085,022	\$5,076,399	\$9,802,456	\$16,118,368	\$26,485,901	\$58,047,466
SS	250	\$247,082	\$477,467	\$785,890	\$1,293,499	\$1,731,188	\$4,112,663	\$6,766,639	\$13,062,886	\$21,472,088	\$35,263,074	\$77,149,868
PFAS	500	\$350,027	\$676,390	\$1,113,285	\$1,832,294	\$2,452,225	\$5,824,623	\$9,581,606	\$18,489,120	\$30,373,873	\$49,834,987	\$108,717,963
•	750	\$452,968	\$875,299	\$1,440,643	\$2,370,993	\$3,173,089	\$7,535,613	\$12,393,952	\$23,905,608	\$39,249,406	\$64,336,461*	\$139,954,105
	1000	\$555,906	\$1,074,195	\$1,767,967	\$2,909,596	\$3,893,781	\$9,245,635	\$15,203,680	\$29,312,376	\$48,098,804*	\$78,768,005*	\$170.863.503

Water system can do this or an attorney.

Recording

e Recording

Claims Form Submission Process

1. The initial step for establishing Settlement Class Membership eligibility for compensation from any of the Settlement Funds is the completion of the <u>Claimant Information Form</u>.

2. After a Person completes the Public Water System Settlement Claims Form, the Settlement Class Member will be provided with additional relevant Claims Form(s) for the payment sources for which the Settlement Class Member may be eligible:

- Phase One Public Water Systems Claims Form;
- Phase One Supplemental Fund Claims Form;
- Phase One Special Needs Fund Claims Form;
- Phase Two Testing Claims Form;
- Phase Two Public Water System Claims Form;
- Phase Two Supplemental Fund Claims Form; and
- Phase Two Special Needs Funds Claims Form

*These Claims Forms will be available online www.PFASWaterSettlement.com and can be submitted to the Claims Administrator electronically or on paper.

Opting out not a good choice – municipality would be precluded form future settlements for citizens. All other cases that develop as a result of PFAS will place you community at the very back seat.

Opting Out

- A Class Member can opt-out from both 3M and DuPont Settlement Agreements.
- Class Members that opt-out do not release any of their claims related to the PFAS contamination of its drinking water supply system, and thus, must continue to litigate their case, spend resources on further litigation, and continue with the uncertainties of a complex trial, among many other detrimental factors.

"The enemy of the good is perfect" Hon. Richard Gergel

" If our municipality tested for PFAS and found no detect do we qualify for the law suit and do we have to do anything further? "

Yes, you could potentially qualify. A claims form should be submitted to preserve your claims if PFAS becomes a problem in the future.

CONTACT US

Paul J. Napoli PARTNER Email: pnapoli@nsprlaw.com

Stephen J. Acquario OF COUNSEL Email: <u>sacquario@napolilaw.com</u> Coral M. Odiot-Rivera PARTNER Email: codiot@nsprlaw.com

Verónica N. Vázquez SENIOR ASSOCIATE Email: vvazquez@nsprlaw.com

Court has required this be sent out to all municipalities. Very important to participate.

Recording

Claims related to public drinking water system

Claims relate to ground water

Claims relate to systems are preserved via filing a claim

Coral M. Odiot-Revera – a print of the chat will be coming out to all of us. I there are amore questions, use the email on the final slide.

Question; Release and objections.

How should non-drinking water claims that are preserved should be evaluated? Bio solids and wastewater will only apply the remediation claims.

Can you describe- Opting Out before filing a request of exclusion before the. You can opt out and request an exclusion all the way to the final submission of the court action.

Group questions from the legal perceptive can be submitted as a group review email above.

Hard date

3M hard date to opt in or out is Dec 4, 2023

Dupont hard date to opt in or out is Dec 11