Working list of PFAS chemicals (rows) with research interest and ongoing work by EPA (columns)
✓ = EPA work or other information (column) complete for this chemical (row)
in progress = Work is underway to provide this information (column) for this chemical (row)
Chemistry and other information on the PFAS chemicals listed below are available on the EPA CompTox Chemicals Dashboard
https://comptox.epa.gov/dashboard/chemical_lists/EPAPFASRESEARCH

CHEMICAL TAXONOMY				HUMAN HEALTH TOXICITY DATA			ANALYTICAL METHODS			DRINKING WATER TREATMENT
(a)				(b)	(c)	(d)	(e)	(f)	(g)	(h)
	CASRN	**Preferred Name**	**Acronym**	**Scoping Literature search completed**	**In Vivo Studies Available**	**Toxicity Assessments**	**Existing EPA DW Method 537.1**	**New EPA Method DW**	**New EPA Method Non-DW**	**Drinking Water Treatment Technology**
Perfluoroalkyl carboxylates										
	307-55-1	Perfluorododecanoic acid	PFDoA	✓	✓		✓	in progress	in progress	
	2058-94-8	Perfluoroundecanoic acid	PFUnA	✓	✓		✓	in progress	in progress	
	335-76-2	Perfluorodecanoic acid	PFDA	✓	✓	in progress	✓	in progress	in progress	✓
	375-95-1	Perfluorononanoic acid	PFNA	✓	✓	in progress	✓	in progress	in progress	✓
	335-67-1	Perfluorooctanoic acid	PFOA	✓	✓	✓	✓	in progress	in progress	✓
	375-85-9	Perfluoroheptanoic acid	PFHpA	✓	✓		✓	in progress	in progress	
	307-24-4	Perfluorohexanoic acid	PFHxA	✓	✓	in progress	✓	in progress	in progress	✓
	2706-90-3	Perfluoropentanoic acid	PFPeA	✓	✓			in progress	in progress	
	375-22-4	Perfluorobutanoic acid	PFBA	✓	✓	in progress		in progress	in progress	✓
	376-06-7	Perfluorotetradecanoic acid	PFTreA (PFTA in Method 537)				✓		in progress	
	72629-94-8	Perfluorotridecanoic acid	PFTriA (PFTrDA in Method 537)				✓		in progress	
	377-73-1	Perfluoro-3-methoxypropanoic acid	PFMOPrA					in progress		
Perfluoroalkane sulfonates										
	335-77-3	Perfluorodecanesulfonic acid	PFDS	✓	✓				in progress	
	68259-12-1	Perfluorononanesulfonic acid	PFNS	✓					in progress	
	1763-23-1	Perfluorooctanesulfonic acid	PFOS	✓	✓	✓	✓	in progress	in progress	✓
	375-92-8	Perfluoroheptanesulfonic acid	PFHpS	✓	✓			in progress	in progress	
	355-46-4	Perfluorohexanesulfonic acid	PFHxS	✓	✓	in progress	✓	in progress	in progress	✓
	2706-91-4	Perfluoropentanesulfonic acid	PFPeS	✓				in progress	in progress	
	73606-19-6	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	None listed				✓	in progress		
	83329-89-9	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate	None listed				✓	in progress		
	375-73-5	Perfluorobutanesulfonic acid	PFBS	✓	✓	in progress	✓	in progress	in progress	✓
Perfluoroalkane sulfonamides										
	754-91-6	Perfluorooctanesulfonamide	PFOSA	✓	✓				in progress	

CHEMICAL TAXONOMY				Human Health Toxicity			Analytical Methods			Drinking Water
(a)				(b)	(c)	(c)	(d)	(e)	(f)	(g)
	CASRN	**Preferred Name**	**Acronym**	**Scoping Literature search completed**	**In Vivo Studies Available**	**Toxicity Assessments**	**Existing EPA DW Method 537**	**New EPA Method DW**	**New EPA Method Non-DW**	**Drinking Water Treatment Technology**
N-alkyl perfluoroalkyl sulfonamido carboxylates										
	39108-34-4	8:2 Fluorotelomer sulfonic acid	FtS 8:2	✓				in progress	in progress	
	27619-97-2	6:2 Fluorotelomer sulfonic acid	FtS 6:2	✓	✓			in progress	in progress	
	757124-72-4	4:2 Fluorotelomer sulfonic acid	FtS 4:2					in progress	in progress	
	2355-31-9	2-(N- Methylperfluorooctanesulfonamido)acetic acid	NMeFOSAA	✓	✓		✓		in progress	
Fluorotelomer alcohols										
	678-39-7	8:2 Fluorotelomer alcohol	FtOH 8:2	✓	✓					
	647-42-7	6:2 Fluorotelomer alcohol	FtOH 6:2	✓	✓					
Perfluoroalkyl ether carboxylates										
	13252-13-6	Perfluoro-2-methyl-3-oxahexanoic acid	GenX	✓	✓	in progress	✓	in progress		✓
	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid	ADONA	✓	✓		✓	in progress		
	958445-44-8	Ammonium 4,8-dioxa-3H-perfluorononanoate	ADONA				✓	in progress		
	863090-89-5	Perfluoro(4-methoxybutanoic) acid	PFMOBA; PFECA A					in progress		
	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	None listed					in progress		
Fluorotelomer phosphate esters										
	57678-01-0	6:2 Fluorotelomer phosphate monoester	6:2 monoPAP	✓						
	57677-95-9	6:2 Fluorotelomer phosphate diester	6:2 diPAP	✓						
	57678-03-2	8:2 Fluorotelomer dihydrogen phosphate	8:2 monoPAP	✓						
	678-41-1	8:2 Fluorotelomer phosphate diester	8:2 diPAP	✓						
	943913-15-3	6:2/8:2 Fluorotelomer phosphate diester	6:2/8:2 diPAP	✓						

CHEMICAL TAXONOMY				Human Health Toxicity			Analytical Methods			Drinking Water
(a)				(b)	(c)	(c)	(d)	(e)	(f)	(g)
	CASRN	**Preferred Name**	**Acronym**	**Scoping Literature search completed**	**In Vivo Studies Available**	**Toxicity Assessments**	**Existing EPA DW Method 537**	**New EPA Method DW**	**New EPA Method Non-DW**	**Drinking Water Treatment Technology**
Fluorotelomer carboxylates										
	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid	5:3 acid	✓	✓					
N-alkyl perfluoroalkyl sulfonamido carboxylates										
	2991-50-6	2-(N- Ethylperfluorooctanesulfonamido)acetic acid	NEtFOSAA	✓	✓		✓		in progress	
Perfluoroalkyl polyether carboxylates										
	151772-58-6	Perfluoro-3,6-dioxaheptanoic acid	PFECA B					in progress		

Column Headings:

Chemical Taxonomy: EPA uses the Computational Toxicology Chemicals Dashboard (https://comptox.epa.gov/dashboard/chemical_lists/PFASMASTER) as the 'official' source of taxonomy information for PFAS.

Human Health Toxicity: In 2017 EPA conducted a scoping toxicological literature review for 31 PFAS chemicals of interest to EPA regions and program offices (b).
EPA found in vivo studies published for PFOA, PFOS, and ~21 of the additional PFAS chemicals (c) which EPA believes might be sufficient to develop standard EPA toxicity reference dose values (e.g. RfD, possibly others). EPA has published toxicity assessments (d) available for PFOA, PFOS, and PFBS; assessments for GenX and PFBS (updated) have been through external peer review and public comment and are being finalized; and assessments for PFBA, PFHxA, PFHxS, PDNA, and PFDA are in the initial draft development stage.

Analytical Methods: EPA has a standard drinking water analytical method (Method 537.1) available for 18 PFAS of interest (e).
EPA is currently developing and verifying a drinking water analytical method for an additional 11 PFAS of interest (f) as well as an analytical method for 24 PFAS of interest in non-drinking water sources (g) using both Direct Injection and Isotope Dilution approaches.

Drinking Water Treatment: EPA maintains a Drinking Water Treatability Database which contains chemical-specific information on effective treatment methods as well as treatment cost information (https://oaspub.epa.gov/tdb/pages/general/home.do). The Treatability Database currently includes information for two PFAS of interest, and EPA is conducting research to add additional information for seven others in the near term (h). EPA has also started conducting tests of efficacy of Point of Entry (POE) filters for removing PFAS chemicals at the household scale, but that work is still in the exporatory stage.

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