

Indoor sampling at five residences participating in the granular activated carbon (GAC) pilot study.

Samples collected by DEQ staff and analyzed for GenX and PFAS chemicals.

Sample Description:		Location 71 Indoor Cold	Location 71 Indoor Hot	Location 71 Indoor Hot Flushed	Location 30 Indoor Cold	Location 30 Indoor Hot	Location 30 Indoor Hot Flushed	Location 75 Indoor Cold	Location 75 Indoor Hot	Location 75 Indoor Hot Flushed	Location 48 Indoor Cold	Location 48 Indoor Hot	Location 48 Indoor Hot Flushed	Location 77 Indoor Cold	Location 77 Indoor Hot	Location 77 Indoor Hot Flushed
Sample Collection Date:		09/25/18	09/25/18	09/25/18	09/25/18	09/25/18	09/25/18	09/25/18	09/25/18	09/25/18	10/03/18	10/03/18	10/03/18	10/03/18	10/03/18	10/03/18
PFAS Chemical Name	CASN	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid PFPPrOPrA, "GenX")	13252-13-6	59.1	120	134	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- 2-methoxyacetic acid (PFMOAA)	674-13-5	69.4	84.4	96.6	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- 3-methoxy- propanoic acid (PFMOPrA)	377-73-1	170	320	351	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-4-methoxy- butanoic acid (PFMOBA)	863090-89-5	36	75.9	81.4	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- (3,5-dioxahexanoic) acid (PFO2HxA)	39492-88-1	63.6	77.6	95.8	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- (3,5,7-trioxaoctanoic) acid (PFO3OA)	39492-89-2	4.88	6.36	6.65	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- (3,5,7,9- tetraoxadecanoic) acid (PFO4DA)	39492-90-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nafion Byproduct 1	29311-67-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nafion Byproduct 2	749836-20-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- butane- sulfonate (PFBS)	375-73-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- butyric acid (PFBA)	375-22-4	2.92	4.74	4.95	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- pentanoic acid (PFPeA)	2706-90-3	2.82	4.51	4.73	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- pentane- sulfonate (PFPeS)	2706-91-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- hexanesulfonate (PFHxS)	355-46-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- hexanoic acid (PFHxA)	307-24-4	-	0.674 J	0.609 J	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- heptanesulfonate (PFHpS)	375-92-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- heptanoic acid (PFHpA)	375-85-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctane- sulfonate (PFOS)	1763-23-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- octanoic acid (PFOA)	335-67-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- nonane- sulfonate (PFNS)	68259-12-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- nonanoic acid (PFNA)	375-95-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- decanesulfonate (PFDS)	335-77-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- decanoic acid (PFDA)	335-76-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- undecanoic acid (PFUdA)	2058-94-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- dodecanoic acid (PFDoA)	307-55-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- tridecanoic acid (PFTrDA)	72629-94-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- tetradecanoic acid (PFTeDA)	376-06-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorotelomer sulfonate 4:2 (4:2 FTS)	757124-72-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorotelomer sulfonate 6:2 (6:2 FTS)	27619-97-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorotelomer sulfonate 8:2 (8:2 FTS)	39108-34-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro- octane- sulfonamide (PFOSA)	754-91-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-methylperfluoro- 1-octane-sulfon- amidoacetic acid (N-MeFOSAA)	2355-31-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-ethylperfluoro- 1-octane- sulfon-amidoacetic acid (N-EtFOSAA)	2991-50-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sample Description = The GAC pilot study location ID # identifies the property where the sample was taken. Samples were collected inside the house and after treatment by GAC water filtration systems. 'Cold' samples were taken first and are unflushed samples from the cold water lines. 'Hot' samples were taken second and are unflushed samples from the hot water lines. 'Hot Flushed' samples were taken third after flushing the hot water lines for 2-3 minutes.

PFAS = Per- and polyfluoroalkyl substances.

CASN = Chemical abstracts service number.

ng/L = Nanograms per liter, "parts-per-trillion".

- = Not detected at the reporting limit.

J = Estimated concentration is higher than the detection limit but lower than the reporting limit.