

November 2022 - Water Supply Well PFAS Analytical Results

Analyte	Location name		CDB-01		CDB-02	CDB-03	CDB-04	CDB-05	CDB-06		CDB-07	CDB-08	CDB-09	CDB-10	CDB-11
	Sample Name		CDB-01	CDB-101	CDB-02	CDB-03	CDB-04	CDB-05	CDB-06	CDB-106	CDB-07	CDB-08	CDB-09	CDB-10	CDB-11
	EPA LHA	Units	11/17/22 11:40	11/17/22 12:10	11/16/22 17:44	11/16/22 10:45	11/16/22 16:18	11/16/22 15:05	11/15/22 16:30	11/15/22 17:00	11/15/22 09:10	11/15/22 09:40	11/15/22 10:12	11/15/22 13:52	11/15/22 13:30
Perfluorohexanesulfonic acid (PFHxS)	—	ng/L	0.97 J	0.93 J	6.6	0.94 J	12	10	180	180	80	280	85	95	85
Perfluorohexanoic acid (PFHxA)	—	ng/L	0.86 J	0.98 JH*	1.2 J	2.5	2.0	1.4 J	52	50	11	88	11	14	11
Perfluoroheptanoic acid (PFHpA)	—	ng/L	0.33 J	0.26 J	0.34 J	1.7	<1.7	0.41 J	11	12	2.8	21	2.6	3.5	2.7
Perfluorononanoic acid (PFNA)	—	ng/L	<1.7	<1.7	<1.7	1.3 J	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorobutanesulfonic acid (PFBS)	2000	ng/L	<1.7	<1.7	0.55 J	<1.7	0.92 JH*	0.76 J	17	17	3.0	16	3.3	3.5	3.0
Perfluorodecanoic acid (PFDA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluoroundecanoic acid (PFUnA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorododecanoic acid (PFDoA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorotridecanoic acid (PFTrDA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Perfluorotetradecanoic acid (PFTeA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	—	ng/L	<4.1	<4.2	<4.2	7.6	<4.2	<4.2	<4.2	<4.3	<4.5	<4.5	<4.5	<4.4	<4.4
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	—	ng/L	14	14	<4.2	1.7 J	<4.2	<4.2	<4.2	<4.3	<4.5	<4.5	<4.5	<4.4	<4.4
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	—	ng/L	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.8	<1.8	<1.8	<1.8
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10	ng/L	<3.3	<3.4	<3.3	<3.5	<3.3	<3.4	<3.4	<3.4	<3.5	<3.6	<3.6	<3.6	<3.5
Perfluorooctanesulfonic acid (PFOS)	70†	ng/L	2.3	2.0	1.7	16	1.7	2.3	120	110	42	550	37	57	39
Perfluorooctanoic acid (PFOA)		ng/L	6.1	6.0	6.3	18	14	10	500	510	100	540	99	110	98

- Notes: Results reported from Eurofins Environment Testing America work order 320-94639-1.
 Sample CDB-101 is the field duplicate of sample CDB-01.
 Sample CDB-106 is the field duplicate of sample CDB-06.
- EPA LHA United States Environmental Protection Agency Lifetime Health Advisory Level, Final levels listed
 - PFAS per- and poly-fluoroalkyl substances
 - † EPA LHA level is 70 ppt for PFOS and PFOA combined.
 - ng/L nanograms per liter
 - No applicable regulatory limit exists for the associated analyte.
 - < Analyte not detected; listed as less than the reporting limit unless otherwise flagged due to quality-control failures.
 - BOLD** Detected concentration exceeds regulatory limit.
 - J Estimated concentration, detected greater than the method detection limit and less than the reporting limit. Flag applied by the laboratory.
 - JH* Estimated concentration, biased high due to quality control failures. Flag applied by Shannon & Wilson, Inc.