



SUMMARY OF POLY- AND PERFLUORINATED COMPOUNDS
IN GROUNDWATER AT SELECT FIRE STATIONS IN NH
(nanograms/liter - parts-per-trillion (ppt))
12/4/2017

	BROOKLINE FIRE STATION	CHESTERFIELD FIRE STATION	DUNBARTON FIRE STATION/SCHOOL	FRANKLIN FIRE DEPARTMENT	FREMONT SAFETY BUILDING	GILFORD FIRE STATION/MUNICIPAL BUILDING	KINGSTON FIRE STATION	NEW IPSWICH FIRE STATION	NEW BOSTON AIR FORCE STATION FORMER FIRE DEPARTMENT	NOTTINGHAM FIRE STATION	PLAISTOW SAFETY COMPLEX	WINDHAM FIRE STATION
WELL TYPE	DRINKING WATER	DRINKING WATER	DRINKING WATER	MONITORING WELL	DRINKING WATER	DRINKING WATER	DRINKING WATER	DRINKING WATER	MONITORING WELL	DRINKING WATER	DRINKING WATER	DRINKING WATER
SAMPLE DATE	10/6/2017	10/11/2017	1/6/2017	10/11/2017	6/6/2017	11/16/2016	9/27/2016	10/16/2017	8/1/2017	10/25/2016	8/4/2017	8/4/2017
PERFLUOROOCETANESULFONIC ACID - PFOS	<4	<4	<5	780.0	9.2	50.9	<4.6	13.0	200.0	<6	<4	94.3
PERFLUOROOCETANOIC ACID - PFOA	<2	<2	<2	29.0	13.0	6.4	140.0	3.0	19.0	<2.4	4.0	22.0
PFOS+PFOA (STATE STANDARD 70 ppt)	NON-DETECT	NON-DETECT	NON-DETECT	809.0	22.2	57.3	140.0	16.0	219.0	NON-DETECT	4.0	116.3
Total PFAS	NON-DETECT	NON-DETECT	NON-DETECT	1454.4	161.0	148.7	1416.0	25.0	488.0	NON-DETECT	103.0	763.0
PERFLUOROBUTANE SULFONATE - PFBS	<5	<9	<5	4.3	<5	<4.5	15.0	<9	12.0	<6	5.0	98.0
PERFLUOROBUTANOIC ACID - PFBA	<5		<10	35.0	<10	9.1	90.0		<10	<12	<5	26.0
PERFLUORODECANE SULFONATE - PFDS	<5		<5	<0.38	<5	<4.5	<5		<10	<6	<5	<5
PERFLUORODECANOIC ACID - PFDA	<5		<5	<0.24	<5	<4.5	<5		<10	<6	<5	<5
PERFLUORODODECANOIC ACID - PFDOA	<5		<5	<0.63	<5	<4.5	<5		<10	<6	<5	<5
PERFLUOROHEPTANE SULFONATE - PFHPS			<5	6.1		<4.5	<5		<10	<6		
PERFLUOROHEPTANOIC ACID - PFHPA	<2	<2	<5	40.0	3.0	6.3	200.0	3.0	22.0	<6	<2	24.0
PERFLUOROHEXANE SULFONATE - PFHXS	<3	<3	<5	320.0	<3	20.0	<5	6.0	89.0	<6	16.0	274.0
PERFLUOROHEXANOIC ACID - PFHXA	<5		<5	120.0	76.0	19.0	230.0		50.0	<6	5.0	119.0
PERFLUORONONANOIC ACID - PFNA	<2	<2	<5	3.7	27.0	<4.5	87.0	<2	<10	<6	73.0	<2
PERFLUORO-N-TRIDECANOIC ACID - PFTRDA	<5		<5	<0.60	<5	<4.5	<5		<10	<6	<5	<5
PERFLUOROOCETANESULFONAMIDE - FOSA	<5		<5	<0.59	<10	<4.5	<5		<10	<6	<5	<5
PERFLUOROPENTANOIC ACID - PFPEA	<5		<5	110.0	32.0	26.0	280.0		65.0	<6	<2	98.0
PERFLUOROTETRADECANOIC ACID - PFTEDA	<5		<5	<0.61	<5	<4.5	<5		<10	<6	<5	<5
PERFLUOROUNDECANOIC ACID - PFUNA	<5		<5	<0.50	<5	<4.5	<5		<10	<6	<5	<5
2-(N-ETHYLPERFLUORO-A-OCTANESULFONAMIDO)-ETHANOL - N-ETFOSE			<5			<4.5	<5			<6		
2-(N-METHYLPERFLUORO-A-OCTANESULFONAMIDO)-ETHANOL - N-MEFOSE			<5			<4.5	<5			<6		
2,3,3,3-TETRAFLUORO-2-(HEPTAFLUOROPROPOXY)PROPANOIC ACID						<4.5	<5					
6:2 FLUOROTELOMERSULFONATE - 6:2FTS			<5	6.3		6.9	280.0		31.0	<6		
8:2 FLUOROTELOMERSULFONATE - 8:2 FTS			<5	<0.99		<4.5	94.0		<10	<6		
ETHYLPERFLUORO-1-OCTANESULFONAMIDE - N-ETFOA			<5			<4.5	<5			<6		
METHYLPERFLUORO-1-OCTANESULFONAMIDE - N-MEFOA			<5			<4.5	<5			<6		

NOTE: FIRE TRAINING AREAS AND FIRE FIGHTING FACILITIES AT AIRPORTS ARE NOT INCLUDED IN THIS TABLE.