

Sample Date	Huron River at Barton Pond											
	PFBA (ppt)	PFPeA (ppt)	PFBS (ppt)	PFHxA (ppt)	PFHpA (ppt)	PFHxS (ppt)	PFOA (ppt)	PFNA (ppt)	PFOS (ppt)	6:2 FTS (ppt)	Sum of PFOS and PFOA (ppt)	Sum of All PFAS (ppt)
04/05/23	Not detected	3.4	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	3.4 ¹¹
03/07/23	Not detected	5.6	Not detected	2.5	2.7	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	10.8 ¹¹
02/01/23	Not detected	7.8	2.1	4.5	7.5	Not detected	Not detected	Not detected	Not detected	4.9	Not detected	26.8 ¹¹
01/03/23	5	9	Not detected	5.2	7.6	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	26.8 ¹¹
12/05/22	5.8	10	2.1	7.1	9	Not detected	Not detected	Not detected	1.9	Not detected	1.9	35.9 ¹¹
11/02/22	5.8	10	2.2	6.7	7.8	Not detected	Not detected	Not detected	2	Not detected	2	34.5 ¹¹
10/04/22	5.4	10	2	6.8	7.9	Not detected	Not detected	Not detected	2.1	Not detected	2.1	34.2 ¹¹
09/30/22	5.5	11	2.1	7.2	8.1	Not detected	Not detected	Not detected	1.9	Not detected	1.9	35.8 ¹¹
09/21/22	4.8	11	2.1	7	8.6	Not detected	Not detected	Not detected	2.2	Not detected	2.2	35.7 ¹¹
09/13/22	5.7	9.8	2	6.6	8.7	Not detected	Not detected	Not detected	2.3	Not detected	2.3	35.1 ¹¹
09/06/22	7.3	11	Not detected	6.2	8.3	Not detected	Not detected	Not detected	2.3	Not detected	2.3	35.1 ¹¹
09/02/22	5.7	9.6	2.1	6.3	8	Not detected	Not detected	Not detected	2.2	Not detected	2.2	33.9 ¹¹
08/01/22	5.6	5.8	Not detected	3.9	5	Not detected	Not detected	Not detected	2.1	Not detected	2.1	22.4 ¹¹
07/04/22	5.2	6.1	2	3.7	4.6	Not detected	Not detected	Not detected	2.1	Not detected	2.1	23.7 ¹¹
06/06/22	5.2	6.2	2	3.5	3.9	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	20.8 ¹¹
05/02/22	4.9	3.9	Not detected	2.3	2.3	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	13.4 ¹¹
04/05/22	6.2	4.1	Not detected	2.9	3.3	Not detected	Not detected	Not detected	Not detected	3.5	Not detected	20 ¹¹

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	PFBA (ppt)	PFPeA (ppt)	PFBS (ppt)	PFHxA (ppt)	PFHpA (ppt)	PFHxS (ppt)	PFOA (ppt)	PFNA (ppt)	PFOS (ppt)	6:2 FTS (ppt)	Sum of PFOS and PFOA (ppt)	Sum of All PFAS (ppt)
03/08/22	7.4	5.5	Not detected	3.0	3.5	Not detected	Not detected	Not detected	Not detected	12	Not detected	31.4 ¹¹
02/07/22	5.2	5.8	2.2	3.9	4.6	Not detected	Not detected	Not detected	Not detected	13	Not detected	34.7 ¹¹
01/06/22	Not detected	5.4	1.9	3.6	4.1	Not detected	Not detected	Not detected	Not detected	5.9	Not detected	20.9 ¹¹
12/07/21	4.7	6.4	1.9	4.2	4.8	Not detected	Not detected	Not detected	Not detected	3.8	Not detected	25.8 ⁸
11/09/21	4	8	Not detected	6	6	Not detected	Not detected	Not detected	Not detected	3	Not detected	27 ^{9,10}
11/09/21	5	8	2	6	6	Not detected	Not detected	Not detected	Not detected	2	Not detected	29 ^{9,10}
11/02/21	6.0	11	2.2	6.3	6.9	Not detected	Not detected	Not detected	2.0	4.3	2.0	38.7 ⁸
10/05/21	7.0	14	2.5	8.2	8.6	Not detected	1.8	Not detected	2.9	1.8	4.7	46.8 ⁸
09/17/21	6	13	2	9	9	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	39 ^{9,10}
09/17/21	6	12	2	9	9	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	38 ^{9,10}
09/09/21	7.1	16	2.7	9.3	9.9	Not detected	2.2	Not detected	3.4	Not detected	5.6	50.6 ⁸
08/03/21	8.0	18	2.6	14	13	Not detected	2.1	Not detected	3.5	4.6	5.6	65.8 ⁸
07/16/21	6	14	Not detected	15	12	Not detected	3	Not detected	Not detected	2	3	52 ^{9,10}
07/16/21	6	14	2	15	13	Not detected	3	Not detected	Not detected	3	3	56 ^{9,10}
07/06/21	6.3	14	Not detected	11	9.5	Not detected	Not detected	Not detected	2.8	5.8	2.8	49.4 ⁸
06/10/21	Not detected	14	Not detected	11	11	Not detected	Not detected	Not detected	3.4	2.9	3.4	42.3 ⁸
05/12/21	4	8	Not detected	7	6	Not detected	Not detected	Not detected	Not detected	4	Not detected	29 ^{9,10}

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	PFBA (ppt)	PFPeA (ppt)	PFBS (ppt)	PFHxA (ppt)	PFHpA (ppt)	PFHxS (ppt)	PFOA (ppt)	PFNA (ppt)	PFOS (ppt)	6:2 FTS (ppt)	Sum of PFOS and PFOA (ppt)	Sum of All PFAS (ppt)
05/12/21	3	10	Not detected	8	6	Not detected	Not detected	Not detected	Not detected	4	Not detected	31 ^{9,10}
05/04/21	Not detected	8.8	Not detected	6.8	6.3	Not detected	Not detected	Not detected	Not detected	4.6	Not detected	26.5 ⁸
04/05/21	Not detected	8.4	Not detected	7.5	5.6	Not detected	Not detected	Not detected	Not detected	20	Not detected	41.5 ⁸
03/08/21	3	7	Not detected	7	4	Not detected	Not detected	Not detected	Not detected	38	Not detected	59 ^{9,10}
03/08/21	3	8	Not detected	7	4	Not detected	Not detected	Not detected	Not detected	42	Not detected	64 ^{9,10}
03/02/21	Not detected	6.0	Not detected	5.9	4.1	Not detected	Not detected	Not detected	Not detected	26	Not detected	42.0 ⁸
02/02/21	Not detected	9.2	Not detected	8.3	7.0	Not detected	Not detected	Not detected	2.1	25	2.1	51.6 ⁸
01/20/21	4	9	Not detected	9	7	Not detected	Not detected	Not detected	Not detected	22	Not detected	51 ^{9,10}
01/20/21	4	8	2	8	6	Not detected	Not detected	Not detected	Not detected	22	Not detected	50 ^{9,10}
01/05/21	Not detected	10	Not detected	8.7	7.4	Not detected	Not detected	Not detected	2.1	21	2.1	49.2 ⁸
12/01/20	7.5	17	Not detected	12	11	Not detected	Not detected	Not detected	2.8	8.1	2.8	58.4 ⁸
11/03/20	8.6	15	2.1	8.9	9.5	Not detected	Not detected	Not detected	3.2	Not detected	3.2	47.3 ⁸
10/06/20	5.9	11	2.2	6.8	7.3	Not detected	Not detected	Not detected	2.7	Not detected	2.7	35.9 ⁸
09/01/20	6.8	6.1	2.4	4.1	4.1	Not detected	Not detected	Not detected	2.7	Not detected	2.7	26.2 ⁸
08/04/20	5.6	5.5	2.5	3.5	2.7	Not detected	2.0	Not detected	3.8	Not detected	5.8	25.6
07/07/20	5.8	3.9	2.6	2.4	2.5	Not detected	1.9	Not detected	3.9	Not detected	5.8	23.0
06/01/20	5.8	4.0	1.8	2.8	2.8	Not detected	1.5 J	Not detected	2.5	Not detected	4.0	21.2

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	PFBA (ppt)	PFPeA (ppt)	PFBS (ppt)	PFHxA (ppt)	PFHpA (ppt)	PFHxS (ppt)	PFOA (ppt)	PFNA (ppt)	PFOS (ppt)	6:2 FTS (ppt)	Sum of PFOS and PFOA (ppt)	Sum of All PFAS (ppt)
05/26/20	5.4	4.1	2.5	2.4	2.7	Not detected	1.4 J	Not detected	2.4	Not detected	3.8	20.9
05/19/20	4.5	3.0	1.4 J	1.8	1.7 J	Not detected	1.1 J	Not detected	2.1	Not detected	3.2	15.6
05/13/20	4.1	4.2	2.1	2.4	2.4	Not detected	1.1 J	Not detected	1.8 J	Not detected	2.9	18.1
05/05/20	3.9	4.2	1.8	2.3	2.5	Not detected	1.0 J	Not detected	1.7 J	Not detected	2.7	17.4
04/07/20	4.7	6.6	2.1	4.1	4.5	Not detected	1.4 J	Not detected	1.8 J	7.0	3.2	32.2
03/03/20	4.5	6.7	2.3	3.3	4.2	Not detected	1.3 J	Not detected	1.8	14.9	3.1	39.0
02/07/20	5.9	3.9	3.6	2.4	2.8	Not detected	1.1 J	Not detected	Not detected	10.0	1.1	29.7
01/07/20	4.8	6.6	2.1	3.4	4.2	Not detected	1.2 J	Not detected	1.7 J	8.2	2.9	32.2
12/03/19	5.2 J	7.1	1.7 J	4.1	4.6	Not detected	1.3 J	Not detected	2.1	5.5 J	3.3	31.4
11/05/19	12.5	8.3	2.7 J	4.5	6.4	Not detected	1.4 J	Not detected	2.8 J	Not detected	4.1	38.6
10/02/19	7.0 J	9.8	3.4 J	5.0	7.8	Not detected	1.8 J	Not detected	4.9	Not detected	6.7	39.7
10/02/19	5.9	11	2.9	6.7	9.3	Not detected	Not detected	Not detected	4.9	Not detected	4.9	40.7
09/04/19	5.8	7.9	2.8	5.1	5.8	Not detected	Not detected	Not detected	4.8	Not detected	4.8	32.2
09/04/19	6.2	8.1	2.7	5.1	6.4	Not detected	2.1	Not detected	4.9	Not detected	7.0	35.5
08/06/19	5.8	7.5	2.5	5.2	5.6	Not detected	Not detected	Not detected	5.1	Not detected	5.1	31.7
08/06/19	5.5	7.3	2.6	5.4	5.5	Not detected	Not detected	Not detected	6.9	Not detected	6.9	33.2
07/02/19	5.6	10.4	2.3	6.8	6.2	1.0 J	2.5	0.67 J	8.7	1.9	11.1	46.0

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06/05/19	4.2	5.7	1.8	3.9	3.9	Not detected	Not detected	Not detected	4.8	Not detected	4.8	24.3
05/01/19	2.5	3.3	Not detected	2.4	1.9	Not detected	Not detected	Not detected	2.1	Not detected	2.1	12.2
04/03/19	5.1	7.3	1.9	5.4	4.1	0.7 J	1.5 J	Not detected	4.3	7.6	5.8	37.9
03/05/19	4.6	8.4	2.1	6.9	4.7	0.7 J	1.8 J	Not detected	5.0	7.5	6.8	41.7
02/06/19	3.1	4.8	Not detected	3.4	2.6	Not detected	Not detected	Not detected	4.2	Not detected	4.2	18.1
02/06/19	4.0	6.4	Not detected	4.9	4.0	Not detected	Not detected	Not detected	3.5	4.4	3.5	27.2
01/09/19	3.3	8.1	1.7	5.7	4.3	Not detected	Not detected	Not detected	5.9	6.8	5.9	35.8
12/20/18	3.9	11	2.2	7.8	4.4	Not detected	Not detected	Not detected	12	Not measured	12.0	41.3
12/20/18	4.0	15	2.2	7.5	5.6	Not detected	Not detected	Not detected	12	Not measured	12.0	46.3
12/5/2018 ⁴	Not measured	Not measured	Not detected ⁴	Not measured	8.1 ⁴	Not detected ⁴	2.6 ⁴	Not detected ⁴	17 ⁴	Not measured	19.6 ⁴	27.7 ⁴
11/07/18	7.9	30	2.6	16	9.5	Not detected	Not detected	Not detected	33	Not measured	33.0	99.0
10/09/18	7.7	28	4.4	16	13	Not detected	2.5	Not detected	48	Not measured	50.5	119.6
09/04/18	5.6	19	4.8	12	11	Not detected	2.3	Not detected	9.4	Not measured	11.7	64.1
08/06/18	5.6	14	3.8	9.3	9.3	Not detected	2.4	Not detected	6.8	Not measured	9.2	51.2
07/17/18	6.0	13	3.0	8.0	9.0	Not detected	3.0	Not detected	8.0	Not measured	11.0	50.0
07/03/18	5.5	9.6	3.7	6.5	6.2	Not detected	2.3	Not detected	6.1	Not measured	8.4	39.9
06/01/18	4.5	7.9	1.9	5.0	5.3	Not detected	2.0	Not detected	5.9	Not measured	7.9	32.5

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05/08/18	3.6	7.3	1.8	5.2	4.7	Not detected	Not detected	Not detected	4.4	Not measured	4.4	27.0
05/08/18	3.5	7.7	1.8	5.8	5.1	Not detected	Not detected	Not detected	4.3	Not measured	4.3	28.2
04/03/18	2.8	5.1	Not detected	3.4	3.0	Not detected	Not detected	Not detected	2.6	Not measured	2.6	16.9
03/07/18	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not detected	Not measured	2.6	Not measured	2.6	2.6
02/20/18	Not measured	Not measured	Not detected	Not measured	6.5	Not detected	Not detected	Not detected	4.7	Not measured	4.7	11.2
02/20/18	Not measured	Not measured	Not detected	Not measured	7.2	Not detected	Not detected	Not detected	4.5	Not measured	4.5	11.7
02/06/18	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not detected	Not measured	5.2	Not measured	5.2	5.2
01/12/18	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.0	Not measured	6.8	Not measured	8.8	8.8
01/09/18	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.0	Not measured	6.8	Not measured	8.8	8.8
12/14/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.2	Not measured	9.1	Not measured	11.3	11.3
12/05/17	Not measured	Not measured	Not detected	Not measured	15.2	Not detected	2.3	Not detected	Not detected	Not measured	2.3	17.5
11/07/17	Not measured	Not measured	Not detected	Not measured	23.6	Not detected	3.1	Not detected	Not detected	Not measured	3.1	26.7
10/03/17	Not measured	Not measured	Not detected	Not measured	17	Not detected	5.1	Not detected	Not detected	Not measured	5.1	22.1
09/05/17	Not measured	Not measured	Not detected	Not measured	Not detected	Not detected	3.0	Not detected	Not detected	Not measured	3.0	3.0
08/07/17	Not measured	Not measured	Not detected	Not measured	Not detected	Not detected	3.0	Not detected	Not detected	Not measured	3.0	3.0
07/19/17	Not measured	Not measured	Not detected	Not measured	Not detected	Not detected	2.1	Not detected	Not detected	Not measured	2.1	2.1
07/06/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.9	Not measured	12	Not measured	14.9	14.9

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06/06/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.3	Not measured	10	Not measured	12.3	12.3
05/09/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not detected	Not measured	5.9	Not measured	5.9	5.9
04/04/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not detected	Not measured	7.1	Not measured	7.1	7.1
03/08/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	4.9	Not measured	4.9	4.9
02/07/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.1	Not measured	7.1	Not measured	9.2	9.2
01/04/17	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.6	Not measured	9.9	Not measured	12.5	12.5
12/12/16	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	3.1	Not measured	13	Not measured	16.1	16.1
12/08/16	Not measured	Not measured	5.1	Not measured	8.5	Not detected	3.2	Not detected	14	Not measured	17.2	30.8
11/08/16	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	2.9	Not measured	17	Not measured	19.9	19.9
10/05/16	Not measured	Not measured	4.7	Not measured	7.0	Not detected	2.5	Not detected	13	Not measured	15.5	27.2
03/28/16	Not measured	Not measured	Not detected	Not measured	2.8	Not detected	2.0	Not detected	19	Not measured	21.0	23.8

Abbreviations

PFOS = perfluorooctane sulfonic acid

PFOA = perfluorooctanoic acid

PFAS = per- and polyfluoroalkyl substances

ppt = parts per trillion

J = estimated concentration above the method detection limit and below the method reporting limit

Notes

1. As of August 2020, the State of Michigan has enstated the following Maximum Contaminant Levels (MCLs) in drinking water: PFOS 16 ppt, PFOA 8 ppt, PFNA 6 ppt, HFPO-DA 370 ppt, PFBS 420 ppt, PFHxS 51 ppt, and PFHxA 400,000 ppt.

2. The contract laboratory used by the City of Ann Arbor may analyze samples in duplicate as a part of their quality control measures. This results in two numbers for the same date, for example on 2/20/18.

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	PFBA (ppt)	PFPeA (ppt)	PFBS (ppt)	PFHxA (ppt)	PFHpA (ppt)	PFHxS (ppt)	PFOA (ppt)	PFNA (ppt)	PFOS (ppt)	6:2 FTS (ppt)	Sum of PFOS and PFOA (ppt)

3. The laboratory methods for PFAS have changed and improved since the City first began monitoring for PFAS. Different laboratory methods detect different sets of PFAS. If the laboratory method does not look for a specific PFAS, it is noted in the table as 'not measured'. Samples have also been analyzed for PFPrOPrA, NaDONA, PFDA, PFUDA, N-MeFOSAA, N-EtFOSAA, PFDS, PFDoA, PFTrDA, PFTeDA, PFHxDA, PFODA. These PFAS have never been detected in Ann Arbor drinking water samples.
4. On 12/5/2018, because of a contract lab administrative error, these samples were only analyzed for 6 PFAS compounds using a method with higher limits of detection than the method the City has specified. When notified of the error, the City immediately resampled.
5. Analysis on the 12/20/18 sample was completed by the contract lab before the 12/19/18 sample. Starting with the 12/19/18 sample, the following PFAS analytes were added to the method: 4:2 FTS, 6:2 FTS, 8:2 FTS, FOSA, PFNS, PFPeS, and PFHpS. The following PFAS analytes were removed from the method: PFHxDA, PFODA, PFProPrA, NaDONA. These analytes were never detected in Ann Arbor drinking water samples prior to the method switch.
6. The City of Ann Arbor switched contract laboratories for samples taken 10/23/19 and after.
7. The City of Ann Arbor switched contract laboratories for samples taken 09/01/2020 and after.
8. Sample also analyzed for HFPO-DA (GenX) with a result of Not Detected.
9. Sample also analyzed for HFPO-DA (GenX), ADONA, 9Cl-PF3ONS, and 11Cl-PF3OUdS with a result of Not Detected.
10. Sample analyzed by EGLE subcontract laboratory
11. Sample also analyzed for HFPO-DA (GenX), NFDHA, PFMPA, and PFMBA with a result of Not Detected.