

Arlington Woods 2019 PFAS Results

Arlington Woods was included in a state-funded quarterly sampling effort because our PFAS results in 2018 were greater than or equal to 10 parts per trillion (ppt) total PFAS or between 10 ppt and 70 ppt perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA). The results of 2019 PFAS samples collected from Arlington Woods on June 20, 2019 are below. A copy of the laboratory report in its entirety is in the office for your review.

Date Collected	Sampling Location	PFOS + PFOA (ppt)	LHA (ppt) PFOS + PFOA	Total Tested PFAS (ppt)
6/20/2019	WL008	12	70	25
6/20/2019	WL009	10	70	18

Currently, there is no regulatory drinking water standard for any of the PFAS chemicals. However, in May 2016, the United States Environmental Protection Agency (USEPA) established a non-regulatory Lifetime Health Advisory (LHA) for two of these chemicals, PFOS and PFOA. The LHA for PFOS and PFOA is 70 ppt combined, or individually if only one of them is present.

Our results are on the chart above, however a summary is listed below:

WL008

- PFBS = 4 parts per trillion (ppt)
- PFHxA = 3 ppt
- PFHpA = 2 ppt
- PFHxS = 4 ppt
- PFOA = 7 ppt
- PFOS = 5 ppt
- PFOA+PFOS = 12 ppt
- Total PFAS = 25 ppt

WL009

- PFBS = 3 parts per trillion (ppt)
- PFHxA = 3 ppt
- PFHpA = ND
- PFHxS = 2 ppt
- PFOA = 6 ppt
- PFOS = 4 ppt
- PFOA+PFOS = 10 ppt
- Total PFAS = 18 ppt

The first sample collected on 3/27/2019 reported Total PFAS as 9 ppt and where PFOA+PFOS was 7 ppt. Our well will be sampled 2 more times in 2019 as part of a state-funded PFAS monitoring effort. We will notify you of each of these results once they are returned to us.

A comparison chart regarding PFAS testing results at all our wells is on the attached page:

2018					
Well Location	PFOA	PFOS	Total		EPA Guideline
Wells near the old office (South)	2	2	4		70
Well near Easy Circle (South)	ND	ND	0		70
Well Near Skyline (South)	2	3	5		70
Well on Vindale (North)	ND	ND	0		70
Wells near new office (East)	3	2	5		70
2018					
Well Location	PFBS	PFHxA	PFHxS	PFHpA	EPA Guideline
Wells near the old office (South)	ND	ND	ND	ND	None
Well near Easy Circle (South)	ND	ND	ND	ND	None
Well Near Skyline (South)	ND	ND	ND	ND	None
Well on Vindale (North)	ND	ND	ND	ND	None
Wells near new office (East)	2	3	2	ND	None
2018					
Well Location	PFOA	PFOS	Total		EPA Guideline
Wells near new office (East)	3	2	5		70
2019					
Wells 7 near new office (East) 1st Qtr	4	3	7		70
Wells 8 near new office (East) 2nd Qtr	7	5	12		70
Wells 9 near new office (East) 2nd Qtr	6	4	10		70
2018					
Well Location	PFBS	PFHxA	PFHxS	PFHpA	EPA Guideline
Wells near new office (East)	3	2	5	ND	None
2019					
Well 7 near new office (East) 1st Qtr	ND	2	ND	ND	None
Wells 8 near new office (East) 2nd Qtr	ND	3	2	2	None
Well 9 near new office (East) 2nd Qtr	3	2	ND	ND	None

