

Arlington Woods 2020 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 2020 PFAS samples collected from Arlington Woods on March 24, 2020 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)
6/29/2020	CH002	5	70	7

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:

- PFBS = 2
- PFHxA = *ND
- PFHxS = *ND
- PFOA = 3 parts per trillion (ppt)
- PFOS = 2 ppt
- PFOA+PFOS = 5 ppt
- Total PFAS = 7 ppt

*ND = Non-Detect (less than 2 parts per trillion).

The first sample collected on 3/27/2018 reported Total PFAS as 9 ppt and where PFOA+PFOS was 7 ppt.

A comparison chart regarding PFAS testing results at all our wells starts below:

2020	PFOA	PFOS	Total	EPA Guideline	
Well Location					
Wells near new office (East) 2nd qtr	3	2	5	70	
2020	PFOA	PFOS	Total	EPA Guideline	
Well Location					
Wells near new office (East) 1st qtr	4	3	7	70	

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