

Summary of Per- and Polyfluoroalkyl Substances (PFAS) Analytical Results – By Analyte
Off-Site Private Well Sampling Program
Perdue AgriBusiness
Salisbury, MD

Analyte	CAS Number	EPA's Maximum Contaminant Level (MCL)	Parcel ID	Parcel ID 591					Parcel ID 619					Parcel ID 619					Parcel ID 206				
			Location	591_RES_WP-R2					619_RES_WP-R1					619_RES_WP-R1					206_RES_WP-T1				
			Sample Name	591_RES_WP-R2_101024					619_RES_WP-R1_101024					DUP-1_101024					206_RES_WP-T1_101124				
			Sample Date	10/10/2024					10/10/2024					10/10/2024					10/11/2024				
			Sample Time	11:25:00 AM					01:40:00 PM					--					09:34:00 AM				
			Sample Type	Raw					Raw					Raw					Treated				
			Lab SDG	L2459042					L2459042					L2459042					L2459407				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Per- and Polyfluoroalkyl Substances																							
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	4.0	ng/l	88.4		0.626	1.88	1	35.9		0.656	1.96	1	33.4		0.58	1.74	1	5.5		0.608	1.82	1
Perfluorooctanoic Acid (PFOA)	335-67-1	4.0	ng/l	7.58		0.626	1.88	1	5.54		0.656	1.96	1	5.35		0.58	1.74	1	4.19		0.608	1.82	1
Perfluorononanoic Acid (PFNA)	375-95-1	10	ng/l	ND	U	0.626	1.88	1	ND	U	0.656	1.96	1	ND	U	0.58	1.74	1	ND	U	0.608	1.82	1
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	10	ng/l	76.8		0.626	1.88	1	142		0.656	1.96	1	129		0.58	1.74	1	2.55		0.608	1.82	1
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ng/l	22.7		0.626	1.88	1	54		0.656	1.96	1	49.4		0.58	1.74	1	3.13		0.608	1.82	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	10	ng/l	ND	U	0.626	1.88	1	ND	U	0.656	1.96	1	ND	U	0.58	1.74	1	ND	U	0.608	1.82	1
PFAS_HI	PFAS_HI	1		7.69135					14.227					12.9247					0.256565				

Notes:
Drinking water sample results were compared to EPA's Maximum Contaminant Levels (MCLs) for public drinking water
EPA- Environmental Protection Agency
MCL - Maximum Contaminant Level
CAS - Chemical Abstract Service
NS - No standard
ng/l - Nanogram per liter (parts per trillion (ppt))
ND - Not detected
SDG - Sample Delivery Group
Q - Qualifier
MDL - Method Detection Limit
RL - Reporting Limit
DF - Dilution Factor
HI - Hazard Index
PFAS_HI - Hazard Index - calculated value used to evaluate mixtures containing two or more of the following PFAS: PFHxS, PFNA, HPFO-DA, and PFBS

Qualifiers:
J - The analyte was positively identified but the associated numerical value is approximate.
U – The analyte was not detected above the method detection limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

Exceedance Summary:
Bold - Result exceeds EPA's Maximum Contaminant Level (MCL) for public drinking water

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Analyte	CAS Number	EPA's Maximum Contaminant Level (MCL)	Parcel ID	Parcel ID 224					Parcel ID 416					Parcel ID 549					Parcel ID 549				
			Location	224_OTH_WP-R1					416_RES_WP-R1					549_RES_WP-R1					549_RES_WP-R1				
			Sample Name	224_OTH_WP-R1_101124					416_RES_WP-R1_101124					549_RES_WP-R1_101124					DUP-01_101124				
			Sample Date	10/11/2024					10/11/2024					10/11/2024					10/11/2024				
			Sample Time	11:23:00 AM					11:34:00 AM					08:20:00 AM					--				
			Sample Type	Raw					Raw					Raw					Raw				
			Lab SDG	L2459407					L2459407					L2459407					L2459407				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Per- and Polyfluoroalkyl Substances																							
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	4.0	ng/l	5.07		0.647	1.94	1	8.97		0.646	1.93	1	2.16		0.646	1.93	1	2.16		0.655	1.96	1
Perfluorooctanoic Acid (PFOA)	335-67-1	4.0	ng/l	7.63		0.647	1.94	1	20		0.646	1.93	1	7.81		0.646	1.93	1	7.46		0.655	1.96	1
Perfluorononanoic Acid (PFNA)	375-95-1	10	ng/l	ND	U	0.647	1.94	1	2.13		0.646	1.93	1	ND	U	0.646	1.93	1	ND	U	0.655	1.96	1
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	10	ng/l	4.57		0.647	1.94	1	2.2		0.646	1.93	1	4.37		0.646	1.93	1	4.32		0.655	1.96	1
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ng/l	1.01	J	0.647	1.94	1	6.23		0.646	1.93	1	13.4		0.646	1.93	1	13.1		0.655	1.96	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	10	ng/l	ND	U	0.647	1.94	1	ND	U	0.646	1.93	1	ND	U	0.646	1.93	1	ND	U	0.655	1.96	1
PFAS_HI	PFAS_HI	1		0.457505					0.436115					0.4437					0.43855				

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Analyte	CAS Number	EPA's Maximum Contaminant Level (MCL)	Parcel ID	Parcel ID 607					Parcel ID 614					Parcel ID 622						
			Location	607_RES_WP-R1					614_RES_WP-R1					622_RES_WP-R1						
			Sample Name	607_RES_WP-R1_101124					614_RES_WP-R1_101124					622_RES_WP-R1_101124						
			Sample Date	10/11/2024					10/11/2024					10/11/2024						
			Sample Time	01:26:00 PM					01:38:00 PM					07:47:00 AM						
			Sample Type	Raw					Raw					Raw						
			Lab SDG	L2459407					L2459407					L2459407						
Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF					
Per- and Polyfluoroalkyl Substances																				
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	4.0	ng/l	101		0.655	1.96	1	88		0.643	1.92	1	152		0.644	1.93	1		
Perfluorooctanoic Acid (PFOA)	335-67-1	4.0	ng/l	17		0.655	1.96	1	22.1		0.643	1.92	1	13.8		0.644	1.93	1		
Perfluorononanoic Acid (PFNA)	375-95-1	10	ng/l	2.23		0.655	1.96	1	1.58	J	0.643	1.92	1	1.35	J	0.644	1.93	1		
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	10	ng/l	108		0.655	1.96	1	104		0.643	1.92	1	225		0.644	1.93	1		
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ng/l	21.7		0.655	1.96	1	29.4		0.643	1.92	1	54.6		0.644	1.93	1		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	10	ng/l	ND	U	0.655	1.96	1	ND	U	0.643	1.92	1	ND	U	0.644	1.93	1		
PFAS_HI	PFAS_HI	1		11.03385					10.5727					22.6623						

Notes:

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