

Table1 - Summary of September 2020 Private Well Analytical Results

Sample Name			NPS Well		PW-010	PW-012		PW-032	PW-037	PW-038
Address				(DUP)			(DUP)			
Analyte	EPA LHA	Units	9/2/2020	9/2/2020	9/2/2020	9/3/2020	9/3/2020	9/1/2020	9/1/2020	9/1/2020
Perfluorooctanesulfonic acid (PFOS)	70†	ng/L	9.7	10	0.88 J	15	14	<1.9	<1.9	<1.9
Perfluorooctanoic acid (PFOA)		ng/L	1.9	2.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorohexanesulfonic acid (PFHxS)	-	ng/L	7.3	7.4	0.60 J	4.7	4.2	<1.9	<1.9	<1.9
Perfluorohexanoic acid (PFHxA)	-	ng/L	4.2	4.3	<1.9	1.2 J	1.1 J	<1.9	<1.9	<1.9
Perfluoroheptanoic acid (PFHpA)	-	ng/L	1.5 J	1.5 J	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorononanoic acid (PFNA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorobutanesulfonic acid (PFBS)	-	ng/L	0.85 J	0.84 J	<1.9	0.50 J	<1.9	<1.9	<1.9	<1.9
Perfluorodecanoic acid (PFDA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluoroundecanoic acid (PFUnA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorododecanoic acid (PFDoA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotridecanoic acid (PFTrDA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotetradecanoic acid (PFTeA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ng/L	<1.9	<1.8	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
LHA Combined (PFOS + PFOA)	70†	ng/L	12	12	0.88 J‡	15 ‡	14 ‡	n/a	n/a	n/a

ng/L nanograms per liter, equivalent to parts per trillion

EPA Environmental Protection Agency

LHA Lifetime Health Advisory

† EPA LHA level is 70 ppt for PFOS and PFOA combined.

< Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality-control (QC) failures.

DUP Field-duplicate sample

J Estimated concentration, detected greater than the method detection limit (MDL) and less than the RL. Flag applied by the laboratory.

J* Result considered estimated due to a QC failure. Flag applied by Shannon & Wilson, Inc.

‡ Minimum concentration, the LHA Combined concentration includes one or more result that is not detected greater than the MDL.

N/A Not applicable. The LHA Combined concentration could not be calculated because PFOS and PFOA were not detected in the project sample.

Table1 - Summary of September 2020 Private Well Analytical Results

Sample Name			PW-039	PW-040	PW-059	PW-061	PW-203		PW-204	PW-211
Address								DUP)		
Analyte	EPA LHA	Units	9/1/2020	9/1/2020	9/1/2020	9/1/2020	9/1/2020	9/1/2020	9/2/2020	8/31/2020
Perfluorooctanesulfonic acid (PFOS)	70†	ng/L	<1.9	<1.9	<1.9	0.49 J	<1.9	0.70 J	6.1	0.65 J
Perfluorooctanoic acid (PFOA)		ng/L	<1.9	<1.9	<1.9	1.9	<1.9	0.50 J	0.75 J	<1.9
Perfluorohexanesulfonic acid (PFHxS)	-	ng/L	<1.9	<1.9	0.78 J	0.85 J	0.81 J	0.95 J	3.2	<1.9
Perfluorohexanoic acid (PFHxA)	-	ng/L	<1.9	<1.9	<1.9	1.5 J	0.48 J	0.67 J	0.97 J	<1.9
Perfluoroheptanoic acid (PFHpA)	-	ng/L	<1.9	<1.9	<1.9	0.82 J	<1.9	<1.9	0.47 J	<1.9
Perfluorononanoic acid (PFNA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorobutanesulfonic acid (PFBS)	-	ng/L	<1.9	<1.9	0.75 J	0.49 J	<1.9	<1.9	<1.9	<1.9
Perfluorodecanoic acid (PFDA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluoroundecanoic acid (PFUnA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorododecanoic acid (PFDoA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotridecanoic acid (PFTTrDA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotetradecanoic acid (PFTeA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ng/L	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
LHA Combined (PFOS + PFOA)	70†	ng/L	n/a	n/a	n/a	2.4 J	n/a	1.2 J	6.9 J	0.65 J‡

ng/L nanograms per liter, equivalent to parts per trillion

EPA Environmental Protection Agency

LHA Lifetime Health Advisory

† EPA LHA level is 70 ppt for PFOS and PFOA combined.

< Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality

DUP Field-duplicate sample

J Estimated concentration, detected greater than the method detection limit (MDL) and less than the RL.

J* Result considered estimated due to a QC failure. Flag applied by Shannon & Wilson, Inc.

‡ Minimum concentration, the LHA Combined concentration includes one or more result that is not detected

N/A Not applicable. The LHA Combined concentration could not be calculated because PFOS and PFOA were not detected.

Table1 - Summary of September 2020 Private Well Analytical Results

Sample Name			PW-212	PW-213	PW-219	PW-221	PW-230	PW-240	PW-401	
Address								Road ^s		(DUP)
Analyte	EPA LHA	Units	8/31/2020	9/2/2020	8/31/2020	9/2/2020	9/1/2020	9/1/2020	9/1/2020	9/1/2020
Perfluorooctanesulfonic acid (PFOS)	70†	ng/L	<1.9	61	<1.9	1.5 J	0.68 J	1.8 J	38	38
Perfluorooctanoic acid (PFOA)		ng/L	<1.9	1.4 J	<1.9	<2.0	1.0 J	<1.9	0.68 J	0.71 J
Perfluorohexanesulfonic acid (PFHxS)	-	ng/L	<1.9	17	<1.9	0.86 J	0.71 J	2.0	9.9	9.6
Perfluorohexanoic acid (PFHxA)	-	ng/L	<1.9	6.7	<1.9	<2.0	<1.8	<1.9	4.1	4.4
Perfluoroheptanoic acid (PFHpA)	-	ng/L	<1.9	2.5	<1.9	<2.0	<1.8	<1.9	1.2 J	1.3 J
Perfluorononanoic acid (PFNA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Perfluorobutanesulfonic acid (PFBS)	-	ng/L	<1.9	1.6 J	<1.9	<2.0	<1.8	<1.9	0.90 J	0.89 J
Perfluorodecanoic acid (PFDA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Perfluoroundecanoic acid (PFUnA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Perfluorododecanoic acid (PFDoA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Perfluorotridecanoic acid (PFTTrDA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Perfluorotetradecanoic acid (PFTeA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ng/L	<1.9	<1.9	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9
LHA Combined (PFOS + PFOA)	70†	ng/L	n/a	62 J	n/a	1.5 J‡	1.7 J	1.8 J‡	39 J	39 J

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EPA Environmental Protection Agency

LHA Lifetime Health Advisory

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N/A Not applicable. The LHA Combined concentration could not be calculated because PFOS and PFOA were not detected.

Table1 - Summary of September 2020 Private Well Analytical Results

Sample Name			PW-414	PW-419	PW-438	PW-462
Address			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Analyte	EPA LHA	Units	9/1/2020	9/2/2020	8/31/2020	9/2/2020
Perfluorooctanesulfonic acid (PFOS)	70†	ng/L	1.2 J	3.4	3.7	68 J*
Perfluorooctanoic acid (PFOA)		ng/L	<1.9	<1.9	<1.9	0.99 J*
Perfluorohexanesulfonic acid (PFHxS)	-	ng/L	0.74 J	1.9	1.9	13 J*
Perfluorohexanoic acid (PFHxA)	-	ng/L	<1.9	0.54 J	0.52 J	4.9 J*
Perfluoroheptanoic acid (PFHpA)	-	ng/L	<1.9	<1.9	<1.9	2.0 J*
Perfluorononanoic acid (PFNA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Perfluorobutanesulfonic acid (PFBS)	-	ng/L	<1.9	<1.9	<1.9	0.74 J*
Perfluorodecanoic acid (PFDA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Perfluoroundecanoic acid (PFUnA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Perfluorododecanoic acid (PFDoA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Perfluorotridecanoic acid (PFTrDA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Perfluorotetradecanoic acid (PFTeA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ng/L	<1.9	<1.9	<1.9	<1.8 J*
LHA Combined (PFOS + PFOA)	70†	ng/L	1.2 J‡	3.4 ‡	3.7 ‡	69 J*

ng/L nanograms per liter, equivalent to parts per trillion

EPA Environmental Protection Agency

LHA Lifetime Health Advisory

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