

Sudbury Water District
PFAS Analytical Results History

Test Results from 1/30/2020 Report

	Sample Site	RW/FW	PFAS Compounds Tested						Total
			PFHpA	PFHxS	PFOA	PFNA	PFOS	PFDA	
1	Well # 2A	RW	ND	2.24	5.58	ND	4.77	ND	12.59
2	Well # 3A	RW	2.22	ND	6.52	ND	3.53	ND	12.27
3	Well # 5	RW	ND	ND	ND	ND	ND	ND	ND
4	Well # 7	RW	ND	ND	5.12	ND	4.31	ND	9.43
5	Well # 8A	RW	ND	ND	5.7	ND	2.20	ND	7.90
6	Well # 9	RW	ND	ND	4.63	ND	4.61	ND	9.24
7	Well # 10	RW	2.65	ND	5.51	ND	2.2	ND	10.36
8	Well # 4	FW	ND	2.62	5.16	ND	2.14	ND	9.92
9	Well # 6	FW	ND	ND	5.46	ND	2.92	ND	8.38
10	ESWTP	FW	2.25	ND	5.56	ND	2.67	ND	10.48
11	RRWTP	FW	ND	1.97	5.19	ND	4.45	ND	11.61

Confirmation Results from 2/20/2020 Report

8	Well # 4	FW	ND	3.52	6.04	ND	2.25	ND	11.81
9	Well # 6	FW	1.81	2.00	6.24	ND	3.46	ND	13.51
10	ESWTP	FW	2.73	ND	6.95	ND	3.28	ND	12.96
11	RRWTP	FW	ND	2.19	5.85	ND	4.96	ND	13.00

Test Results from 8/10/2020 Report

8	Well # 4	FW	1.6 J	2.12 J	5.27	ND	2.25	ND	7.52
9	Well # 6	FW	1.7 J	1.54	5.19	ND	2.97	ND	9.70
10	ESWTP	FW	2.66	1.65 J	6.67	ND	3.06	ND	12.39
11	RRWTP	FW	1.83 J	1.89 J	6.84	0.837 J	6.33	ND	13.17

Test Results from 11/3/2020 Report

1	Well # 2A	RW	1.78 J	3.35	7.5	0.656 J	5.61	ND	16.46
2	Well # 3A	RW	2.68	2.12	8.91	ND	4.8	ND	18.51
3	Well # 5	RW	ND	ND	ND	ND	ND	ND	ND
4	Well # 7	RW	2.05	2.08	5.55	0.596 J	5.7	ND	15.38
5	Well # 8A	RW	1.8	2.41	5.8	ND	2.81	ND	12.82
6	Well # 9	RW	1.91	2.49	4.98	0.649 J	6.35	ND	15.73
7	Well # 10	RW	3.09	1.47 J	7.81	0.589 J	3.39	ND	14.29
8	Well # 4	FW	1.42 J	2.4	4.48	ND	2.26	ND	9.14
9	Well # 6	FW	1.72 J	1.79 J	5.33	ND	2.74	ND	8.07
10	ESWTP	FW	2.61	1.77 J	7.53	0.434 J	2.93	ND	13.07
11	RRWTP	FW	1.96	2.67	6.2	0.606 J	5.6	ND	16.43

Test Results from 11/23/2020 Report

1	Well # 2A	RW	1.88	3.13	7.22	0.922 J	5.53	ND	17.76
2	Well # 3A	RW	3.15	2.18	9.58	0.429 J	5.26	ND	20.17
3	Well # 5	RW	ND	ND	ND	ND	ND	ND	ND
4	Well # 7	RW	2.51	2.37	6.7	0.728 J	6.19	ND	17.77
5	Well # 8A	RW	2.31	2.02	6.83	ND	3.17	ND	14.33
6	Well # 9	RW	2.17	2.4	5.28	0.899 J	6.22	ND	16.07
7	Well # 10	RW	3.24	1.24 J	7.83	0.753 J	3.73	ND	14.80
8	Well # 4	FW	1.66 J	2.1	5.27	ND	2.73	ND	10.10
9	Well # 6	FW	1.93	1.74 J	5.46	ND	3.16	ND	10.55

	Sample Site	RW/FW	PFHpA	PFHxS	PFOA	PFNA	PFOS	PFDA	Total	
10	ESWTP	FW	2.82	1.77 J	8.24	0.795 J	3.8	ND	14.86	*
11	RRWTP	FW	2.03	2.43	6.64	0.799 J	5.84	ND	16.94	*

Test Results from 3/19/2021 Report

8	Well # 4	FW	2.65	3.06	5.53	ND	2.8	ND	14.04	*
9	Well # 6	FW	2.67	2.26	6.15	ND	3.52	ND	14.60	*
10	ESWTP	FW	4.24	2.27	9.51	0.669 J	4.68	ND	20.70	*
11	RRWTP	FW	2.12	2.83	5.92	0.856 J	5.25	ND	16.12	*

Test Results from 4/7/2021 Report

8	ESWTP	FW	2.76	2.07	6.87	0.509 J	3.46	ND	15.16	*
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Test Results from 4/21/2021 Report

8	Well # 4	FW	1.9	3.03	5.17	ND	2.6	ND	12.70	*
9	Well # 6	FW	2.23	2.05	5.78	ND	3.59	ND	13.65	*
10	ESWTP	FW	2.45	2.06	6.28	0.461 J	3.62	ND	14.41	*
11	RRWTP	FW	1.76 J	2.6	5.32	0.734 J	4.99	ND	12.91	*

Test Results from 5/26/2021 Report

8	Well # 4	FW	1.57 J	3.26	5.01	ND	2.22	ND	10.49	*
9	Well # 6	FW	1.88	2.55	5.84	ND	3.22	ND	13.49	*
10	ESWTP	FW	2.2	2.16	6.18	ND	3.16	ND	13.70	*
11	RRWTP	FW	1.43 J	2.63	5.45	.0676 J	4.36	ND	12.44	*

Test Results from 6/16/2021 Report

8	Well # 4	FW	1.57 J	2.86	5.68	ND	2.54	ND	11.08	*
9	Well # 6	FW	1.78	2.16	5.73	ND	3.77	ND	13.44	*
10	ESWTP	FW	2.61	2.51	7.17	ND	3.5	ND	15.79	*
11	RRWTP	FW	2.92	3.5	7.43	1.06 J	5.68	ND	19.53	*

Non-routine Samples for investigation purposes

0	Hop Brook @ Well 3	FW	2.62	1.96	8.74	1.13 J	8.12	0.692 J	21.44	*
0	Stearns Pond	FW	2.59	1.67 J	7.82	1.10 J	6.57	0.675 J	16.98	*

Test Results from 7/26/2020 Report

1	Well # 2A	RW	2.24	2.57	7.9	0.845 J	5.62	ND	18.33	
2	Well # 3A	RW	3	1.88	9.67	ND	6.52	ND	21.07	
3	Well # 5	RW						ND	ND	
4	Well # 7	RW	1.98	1.63 J	5.73	0.591 J	3.65	ND	11.36	
5	Well # 8A	RW	1.76 J	1.76 J	5.76	ND	2.68	ND	8.44	
6	Well # 9	RW	1.71 J	2.11	5.39	0.765 J	4.96	ND	12.46	
7	Well # 10	RW	2.82	1.24 J	6.84	ND	2.74	ND	12.40	

8	Well # 4	FW	1.55 J	2.04	5.08	ND	2.12	ND	9.24	*
9	Well # 6	FW	1.61 J	1.89	5.2	ND	3.14	ND	10.23	*
10	ESWTP	FW	2.62	1.73 J	6.62	ND	3.15	ND	12.39	*
11	RRWTP	FW	2.04	2.18	6.8	0.764 J	4.84	ND	15.86	*

Test Results from 8/25/2021 Report

8	Well # 4	FW	1.59 J	1.96	5.4	ND	1.81	ND	9.17	*
9	Well # 6	FW	1.70 J	1.59 J	4.99	ND	2.53	ND	7.52	*
10	ESWTP	FW	2.22	1.65 J	6.32	ND	2.44	ND	10.98	*
11	RRWTP	FW	1.63 J	1.96	6.12	0.688 J	4.24	ND	12.32	*

Test Results from 9/23/2021 Report

8	Well # 4	FW	2.04	2.18	6.33	ND	2.37	ND	12.92	*
9	Well # 6	FW	1.74 J	1.81 J	5.39	ND	2.94	ND	8.33	*
10	ESWTP	FW	2.52	1.83 J	6.8		2.88	ND	12.20	*
11	RRWTP	FW	2.05	2.24	6.67	0.857 J	5.29	ND	16.25	*

Test Results from 10/23/2021 Report

	<u>Sample Site</u>	<u>RW/FW</u>	<u>PFHpA</u>	<u>PFHxS</u>	<u>PFOA</u>	<u>PFNA</u>	<u>PFOS</u>	<u>PFDA</u>	<u>Total</u>	
8	Well # 4	FW	2.15	2.54	6.91	ND	2.86	ND	14.46	*
9	Well # 6	FW	2.12	2.12	6.35	ND	3.67	ND	14.26	*
10	ESWTP	FW	2.87	2.1	7.99	ND	3.5	ND	16.46	*
11	RRWTP	FW	2.12	2.52	7.6	0.987 JZ	6.84	ND	19.08	*

Test Results from 11/21/2021 Report

8	Well # 4	FW	2	2.59	6.56	ND	3.06	ND	14.21	*
9	Well # 6	FW	1.83 J	1.90 J	5.41	ND	3.31	ND	8.72	*
10	ESWTP	FW	2.72	2.05	7.19	ND	3.7	ND	15.66	*
11	RRWTP	FW	1.94 J	2.62	6.79	0.862 J	5.93	ND	15.34	*

Test Results from 1/4/2022 Report

8	Well # 4	FW	2.12	2.16	6.66	ND	2.45	ND	13.39	*
9	Well # 6	FW	2.13	1.92 J	5.81	ND	3.08	ND	11.02	*
10	ESWTP	FW	2.71	1.78 J	6.89	ND	2.96	ND	12.56	*
11	RRWTP	FW	1.78 J	2.08	6.8	0.855 J	5.46	ND	14.34	*

Test Results from 2/3/2022 Report

8	Well # 4	FW	2.37	3.32	6.31	ND	2.55	ND	14.55	*
9	Well # 6	FW	2.14	2.5	6.53	ND	3.48	ND	14.65	*
10	ESWTP	FW	2.95	2.62	6.89	ND	2.96	ND	15.42	*
11	RRWTP	FW	1.98 J	3.26	6.86	ND	3.41	ND	13.53	*

FW - finish .

RW - raw water, pre-treatment

* Points of entry (finished water) to the distribution which exceed 10 ppt -

J Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).