

Summary

UWEX Private Well Project

Green County - 2025

Towns of Adams - New Glarus - Washington - York

4/25/2025

8:26 AM

Total Number Samples: 96

Sample Dates: 3/1/2025 to 3/4/2025

Reason for Test		Last Test (yr)		Problems		Treatment Sys		Depth (ft) Well		Casing	Water	Well Diam (in)	
Curious	86 %	Never	4 %	Color	4 %	Softener	81 %	... 25	0 %	0 %	2 %	... 3	2 %
Problems	4 %	< 1	3 %	Taste	3 %	R/O	8 %	26-50	0 %	1 %	2 %	4 - 9	54 %
Regular	24 %	1 - 2	9 %	Odor	6 %	Carb Filt	3 %	51-100	4 %	29 %	3 %	10 - 18	2 %
Required	0 %	2 - 5	35 %	Corr	5 %	Neutral	2 %	101-150	5 %	6 %	9 %	18 +	0 %
Bac Retest	0 %	5 - 10	10 %	Health	0 %	Part Filt	19 %	151-200	10 %	4 %	4 %		
Disinfect	0 %	10 +	16 %	Other	6 %	Iron Filt	6 %	201 ...	31 %	2 %	1 %		
Infant...	2 %	Unk	19 %	None	67 %	Other	4 %						
Other	3 %												

pH	Conductivity (umhos/cm)	Alkalinity (mg/L CaCO3)
... 5.00	0 0 %	... 50 1 1 %
5.01 - 6.00	0 0 %	51 - 100 2 2 %
6.01 - 7.00	2 2 %	101 - 200 1 1 %
7.01 - 8.00	3 3 %	201 - 300 45 49 %
8.01 - 9.00	87 95 %	301 - 400 42 46 %
9.01 ...	0 0 %	401 ... 1 1 %
Avg: 7.72 for 92 Samples	Avg: 656 for 92 Samples	Avg: 299 for 92 Samples

Total Hardness (mg/L CaCO3)	Nitrate (mg/L as N)	Chloride (mg/L)
... 50 9 10 %	None Detected 13 14 %	None Detected 0 0 %
51 - 100 1 1 %	... 2.0 28 30 %	... 10 49 53 %
101 - 200 2 2 %	2.1 - 5.0 31 34 %	11 - 50 37 40 %
201 - 300 11 12 %	5.1 - 10.0 14 15 %	51 - 100 6 7 %
301 - 400 58 63 %	10.1 - 20.0 6 7 %	101 - 200 0 0 %
401 ... 11 12 %	20.1 ... 0 0 %	201 ... 0 0 %
Avg: 310 for 92 Samples	Avg: 3.4 for 92 Samples	Avg: 15.7 for 92 Samples

Saturation Index	Coliform Bacteria	Atrazine Screen* (ppb)
... -3.0 1 1 %	Bact Samples 88	None Detected 60 82 %
-2.9 - -2.0 0 0 %	Pos Bacteria 4 5 %	... 0.3 8 11 %
-1.9 - -1.0 5 5 %		0.4 - 1.0 5 7 %
-0.9 - 0.0 4 4 %	E. coli Bacteria	1.1 - 2.0 0 0 %
0.1 - 1.0 78 85 %	E. coli Samples 4	2.1 - 3.0 0 0 %
1.1 ... 4 4 %	Pos E. coli 0 0 %	3.1 ... 0 0 %
Avg: 0.6 for 92 Samples		Avg: <0.1 for 73 Samples

*Triazine screen before June 2008, then Diaminochlorotriazine (DACT).

Summary

UWEX Private Well Project

Green County - 2025

Towns of Adams - New Glarus - Washington - York

4/25/2025

8:26 AM

Total Number Samples: 96

Sample Dates: 3/1/2025 to 3/4/2025

Arsenic (mg/L)

None Detected	75	100 %
... 0.010	0	0 %
0.011 - 0.050	0	0 %
0.051 - 0.100	0	0 %
0.101 - 0.150	0	0 %
0.151 ...	0	0 %
Avg: <0.005 for	75 Samples	

Calcium (mg/L)

None Detected	0	0 %
... 25	21	28 %
26 - 50	7	9 %
51 - 75	36	48 %
76 - 100	11	15 %
101 ...	0	0 %
Avg: 47.8 for	75 Samples	

Copper (mg/L)

None Detected	3	4 %
... 0.130	44	59 %
0.131 - 0.500	23	31 %
0.501 - 0.900	3	4 %
0.901 - 1.300	1	1 %
1.301 ...	1	1 %
Avg: 0.247 for	75 Samples	

Iron (mg/L)

None Detected	55	73 %
... 0.300	19	25 %
0.301 - 1.000	1	1 %
1.001 - 2.000	0	0 %
2.001 - 5.000	0	0 %
5.001 ...	0	0 %
Avg: 0.014 for	75 Samples	

Potassium (mg/L)

None Detected	1	1 %
... 20	73	97 %
21 - 40	1	1 %
41 - 60	0	0 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 1.4 for	75 Samples	

Magnesium (mg/L)

None Detected	1	1 %
... 20	20	27 %
21 - 40	26	35 %
41 - 60	28	37 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 29.8 for	75 Samples	

Manganese (mg/L)

None Detected	48	64 %
... 0.050	27	36 %
0.051 - 0.300	0	0 %
0.301 - 0.500	0	0 %
0.501 - 1.000	0	0 %
1.001 ...	0	0 %
Avg: 0.003 for	75 Samples	

Sodium (mg/L)

None Detected	0	0 %
... 25	52	69 %
26 - 50	1	1 %
51 - 75	2	3 %
76 - 100	3	4 %
101 ...	17	23 %
Avg: 45.2 for	75 Samples	

Lead (mg/L)

None Detected	69	92 %
... 0.015	5	7 %
0.016 - 0.025	1	1 %
0.026 - 0.050	0	0 %
0.051 - 0.100	0	0 %
0.101 ...	0	0 %
Avg: <0.002 for	75 Samples	

Sulfate (mg/L)

None Detected	0	0 %
...25	62	83 %
26 - 50	9	12 %
51 - 75	4	5 %
76 - 100	0	0 %
101 ...	0	0 %
Avg: 19.7 for	75 Samples	

Zinc (mg/L)

None Detected	2	3 %
... 0.100	50	67 %
0.101 - 0.500	20	27 %
0.501 - 1.000	1	1 %
1.001 - 5.000	2	3 %
5.001 ...	0	0 %
Avg: 0.157 for	75 Samples	