

Summary

UWEX Private Well Project

Green County

County Wide, March 2026

3/26/2026

11:44 AM

Total Number Samples: 79

Sample Dates: 3/1/2026 to 3/2/2026

Reason for Test		Last Test (yr)		Problems		Treatment Sys		Depth (ft)	Well	Casing	Water	Well Diam (in)	
Curious	82 %	Never	3 %	Color	10 %	Softener	80 %	... 25	0%	0%	13%	... 3	3 %
Problems	3 %	< 1	4 %	Taste	4 %	R/O	16 %	26-50	1%	8%	5%	4 - 9	48 %
Regular	20 %	1 - 2	9 %	Odor	1 %	Carb Filt	4 %	51-100	6%	14%	8%	10 - 18	0 %
Required	0 %	2 - 5	25 %	Corr	3 %	Neutral	0 %	101-150	14%	9%	11%	18 +	0 %
Bac Retest	1 %	5 - 10	14 %	Health	1 %	Part Filt	13 %	151-200	14%	3%	1%		
Disinfect	1 %	10 +	23 %	Other	1 %	Iron Filt	4 %	201 ...	10%	0%	0%		
Infant...	0 %	Unk	18 %	None	67 %	Other	1 %						
Other	6 %												

pH

... 5.00	0	0 %
5.01 - 6.00	2	3 %
6.01 - 7.00	3	4 %
7.01 - 8.00	52	66 %
8.01 - 9.00	22	28 %
9.01 ...	0	0 %
Avg: 7.23	for	79 Samples

Conductivity (umhos/cm)

... 100	1	1 %
101 - 250	1	1 %
251 - 500	14	18 %
501 - 750	53	67 %
751 - 1000	10	13 %
1001 ...	0	0 %
Avg: 601	for	79 Samples

Alkalinity (mg/L CaCO3)

... 50	3	4 %
51 - 100	0	0 %
101 - 200	9	11 %
201 - 300	41	52 %
301 - 400	26	33 %
401 ...	0	0 %
Avg: 265	for	79 Samples

Total Hardness (mg/L CaCO3)

... 50	7	9 %
51 - 100	1	1 %
101 - 200	3	4 %
201 - 300	16	20 %
301 - 400	38	48 %
401 ...	14	18 %
Avg: 306	for	79 Samples

Nitrate (mg/L as N)

None Detected	6	8 %
... 2.0	10	13 %
2.1 - 5.0	23	29 %
5.1 - 10.0	21	27 %
10.1 - 20.0	19	24 %
20.1 ...	0	0 %
Avg: 6	for	79 Samples

Chloride (mg/L)

None Detected	1	1 %
... 10	26	33 %
11 - 50	47	59 %
51 - 100	4	5 %
101 - 200	1	1 %
201 ...	0	0 %
Avg: 19.8	for	79 Samples

Saturation Index

... -3.0	2	3 %
-2.9 - -2.0	1	1 %
-1.9 - -1.0	6	8 %
-0.9 - 0.0	6	8 %
0.1 - 1.0	64	81 %
1.1 ...	0	0 %
Avg: 0.2	for	79 Samples

Coliform Bacteria

Bact Samples	79
Pos Bacteria	9 11 %
E. coli Bacteria	
E. coli Samples	79
Pos E. coli	0 0 %

Atrazine Screen* (ppb)

None Detected	40	62 %
... 0.3	16	25 %
0.4 - 1.0	8	12 %
1.1 - 2.0	1	2 %
2.1 - 3.0	0	0 %
3.1 ...	0	0 %
Avg: 0.1	for	65 Samples

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

Summary

UWEX Private Well Project

Green County

County Wide, March 2026

3/26/2026

11:44 AM

Total Number Samples: 79

Sample Dates: 3/1/2026 to 3/2/2026

Arsenic (mg/L)

None Detected	57	89 %
... 0.010	7	11 %
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	64 Samples	

Calcium (mg/L)

None Detected	0	0 %
... 25	9	14 %
26 - 50	8	12 %
51 - 75	24	38 %
76 - 100	22	34 %
101 ...	1	2 %
Avg: 58.6 for	64 Samples	

Copper (mg/L)

None Detected	4	6 %
... 0.130	45	70 %
0.131 - 0.500	11	17 %
0.501 - 0.900	3	5 %
0.901 - 1.300	0	0 %
1.301 ...	1	2 %
Avg: 0.145 for	64 Samples	

Iron (mg/L)

None Detected	41	64 %
... 0.300	22	34 %
0.301 - 1.000	0	0 %
1.001 - 2.000	0	0 %
2.001 - 5.000	1	2 %
5.001 ...	0	0 %
Avg: 0.086 for	64 Samples	

Potassium (mg/L)

None Detected	4	6 %
... 20	60	94 %
21 - 40	0	0 %
41 - 60	0	0 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 1.2 for	64 Samples	

Magnesium (mg/L)

None Detected	0	0 %
... 20	11	17 %
21 - 40	26	41 %
41 - 60	27	42 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 33.8 for	64 Samples	

Manganese (mg/L)

None Detected	43	67 %
... 0.050	16	25 %
0.051 - 0.300	4	6 %
0.301 - 0.500	1	2 %
0.501 - 1.000	0	0 %
1.001 ...	0	0 %
Avg: 0.014 for	64 Samples	

Sodium (mg/L)

None Detected	0	0 %
... 25	55	86 %
26 - 50	3	5 %
51 - 75	1	2 %
76 - 100	1	2 %
101 ...	4	6 %
Avg: 18.7 for	64 Samples	

Lead (mg/L)

None Detected	62	97 %
... 0.015	1	2 %
0.016 - 0.025	0	0 %
0.026 - 0.050	1	2 %
0.051 - 0.100	0	0 %
0.101 ...	0	0 %
Avg: <0.002 for	64 Samples	

Sulfate (mg/L)

None Detected	0	0 %
...25	55	86 %
26 - 50	9	14 %
51 - 75	0	0 %
76 - 100	0	0 %
101 ...	0	0 %
Avg: 15.8 for	64 Samples	

Zinc (mg/L)

None Detected	1	2 %
... 0.100	48	75 %
0.101 - 0.500	11	17 %
0.501 - 1.000	2	3 %
1.001 - 5.000	1	2 %
5.001 ...	1	2 %
Avg: 0.255 for	64 Samples	

Aluminum (mg/L)

None Detected	77	97 %
... 0.100	0	0 %
0.101 - 0.150	0	0 %
0.151 - 0.200	0	0 %
0.201 - 0.500	2	3 %
0.500 ...	0	0 %
Avg: <0.027 for	79 Samples	

Summary

UWEX Private Well Project

Green County

County Wide, March 2026

3/26/2026

11:44 AM

Total Number Samples: 79

Sample Dates: 3/1/2026 to 3/2/2026

Strontium (mg/L)

None Detected	22	28 %
... 0.100	55	70 %
0.101 - 0.500	2	3 %
0.501 - 1.000	0	0 %
1.101 - 1.500	0	0 %
1.510 ...	0	0 %
Avg: 0.041 for	79 Samples	

Uranium (mg/L)

None Detected	79	100 %
... 0.025	0	0 %
0.026 - 0.030	0	0 %
0.031 - 0.050	0	0 %
0.051 - 0.075	0	0 %
0.076 ...	0	0 %
Avg: <0.018 for	79 Samples	