

**Summary**  
UWEX Private Well Project

**Wood County**  
Saratoga

12/4/2012  
11:22 AM

Total Number Samples: 79

Sample Dates: 11/12/2012 to 11/14/2012

Reason for Test	Last Test (yr)	Problems	Treatment Sys	Depth (ft) Well	Casing	Water	Well Diam (in)						
Curious	85 %	Never	15 %	Color	6 %	Softener	22 %	... 25	18 %	9 %	34 %	... 3	25 %
Problems	4 %	< 1	8 %	Taste	5 %	R/O	0 %	26-50	32 %	25 %	20 %	4 - 9	46 %
Regular	3 %	1 - 2	5 %	Odor	5 %	Carb Filt	3 %	51-100	20 %	13 %	1 %	10 - 18	0 %
Required	1 %	2 - 5	8 %	Corr	3 %	Neutral	10 %	101-150	1 %	1 %	0 %	18 +	0 %
Bac Retest	0 %	5 - 10	13 %	Health	1 %	Part Filt	13 %	151-200	0 %	0 %	0 %		
Disinfect	0 %	10 +	37 %	Other	6 %	Iron Filt	5 %	201 ...	1 %	0 %	1 %		
Infant...	4 %	Unk	11 %	None	56 %	Other	3 %						
Other	20 %												

**pH**

... 5.00	0	0 %
5.01 - 6.00	4	5 %
6.01 - 7.00	17	22 %
7.01 - 8.00	24	30 %
8.01 - 9.00	34	43 %
9.01 ...	0	0 %
Avg: 6.9	for	79 Samples

**Conductivity (umhos/cm)**

... 100	24	30 %
101 - 250	39	49 %
251 - 500	11	14 %
501 - 750	3	4 %
751 - 1000	2	3 %
1001 ...	0	0 %
Avg: 189	for	79 Samples

**Alkalinity (mg/L CaCO3)**

... 50	34	43 %
51 - 100	38	48 %
101 - 200	7	9 %
201 - 300	0	0 %
301 - 400	0	0 %
401 ...	0	0 %
Avg: 58	for	79 Samples

**Total Hardness (mg/L CaCO3)**

... 50	25	32 %
51 - 100	36	46 %
101 - 200	14	18 %
201 - 300	4	5 %
301 - 400	0	0 %
401 ...	0	0 %
Avg: 76	for	79 Samples

**Nitrate (mg/L as N)**

None Detected	19	24 %
... 2.0	35	44 %
2.1 - 5.0	20	25 %
5.1 - 10.0	5	6 %
10.1 - 20.0	0	0 %
20.1 ...	0	0 %
Avg: 1.6	for	79 Samples

**Chloride (mg/L)**

None Detected	0	0 %
... 10	46	58 %
11 - 50	22	28 %
51 - 100	6	8 %
101 - 200	5	6 %
201 ...	0	0 %
Avg: 21.6	for	79 Samples

**Saturation Index**

... -3.0	11	14 %
-2.9 - -2.0	12	15 %
-1.9 - -1.0	15	19 %
-0.9 - 0.0	38	48 %
0.1 - 1.0	3	4 %
1.1 ...	0	0 %
Avg: -1.3	for	79 Samples

**Coliform Bacteria**

Bact Samples	79	
Pos Bacteria	2	3 %

**E. coli Bacteria**

E. coli Samples	2	
Pos E. coli	0	0 %

**Atrazine Screen\* (ppb)**

None Detected	31	100 %
... 0.3	0	0 %
0.4 - 1.0	0	0 %
1.1 - 2.0	0	0 %
2.1 - 3.0	0	0 %
3.1 ...	0	0 %
Avg: <0.1	for	31 Samples

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

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**Arsenic (mg/L)**

None Detected	32	84 %
... 0.010	6	16 %
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	38 Samples	

**Calcium (mg/L)**

None Detected	8	21 %
... 25	27	71 %
26 - 50	3	8 %
51 - 75	0	0 %
76 - 100	0	0 %
101 ...	0	0 %
Avg: 12 for	38 Samples	

**Copper (mg/L)**

None Detected	1	3 %
... 0.130	25	66 %
0.131 - 0.500	7	18 %
0.501 - 0.900	1	3 %
0.901 - 1.300	1	3 %
1.301 ...	3	8 %
Avg: 0.328 for	38 Samples	

**Iron (mg/L)**

None Detected	0	0 %
... 0.300	33	87 %
0.301 - 1.000	5	13 %
1.001 - 2.000	0	0 %
2.001 - 5.000	0	0 %
5.001 ...	0	0 %
Avg: 0.084 for	38 Samples	

**Potassium (mg/L)**

None Detected	3	8 %
... 20	35	92 %
21 - 40	0	0 %
41 - 60	0	0 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 1.2 for	38 Samples	

**Magnesium (mg/L)**

None Detected	7	18 %
... 20	30	79 %
21 - 40	1	3 %
41 - 60	0	0 %
61 - 80	0	0 %
81 ...	0	0 %
Avg: 5 for	38 Samples	

**Manganese (mg/L)**

None Detected	10	26 %
... 0.050	27	71 %
0.051 - 0.300	1	3 %
0.301 - 0.500	0	0 %
0.501 - 1.000	0	0 %
1.001 ...	0	0 %
Avg: 0.008 for	38 Samples	

**Sodium (mg/L)**

None Detected	0	0 %
... 25	23	61 %
26 - 50	6	16 %
51 - 75	3	8 %
76 - 100	3	8 %
101 ...	3	8 %
Avg: 31.6 for	38 Samples	

**Lead (mg/L)**

None Detected	27	71 %
... 0.015	10	26 %
0.016 - 0.025	0	0 %
0.026 - 0.050	1	3 %
0.051 - 0.100	0	0 %
0.101 ...	0	0 %
Avg: 0.003 for	38 Samples	

**Sulfate (mg/L)**

None Detected	1	3 %
... 25	35	92 %
26 - 50	1	3 %
51 - 75	0	0 %
76 - 100	0	0 %
101 ...	1	3 %
Avg: 15.2 for	38 Samples	

**Zinc (mg/L)**

None Detected	3	8 %
... 0.100	24	63 %
0.101 - 0.500	6	16 %
0.501 - 1.000	3	8 %
1.001 - 5.000	2	5 %
5.001 ...	0	0 %
Avg: 0.204 for	38 Samples	