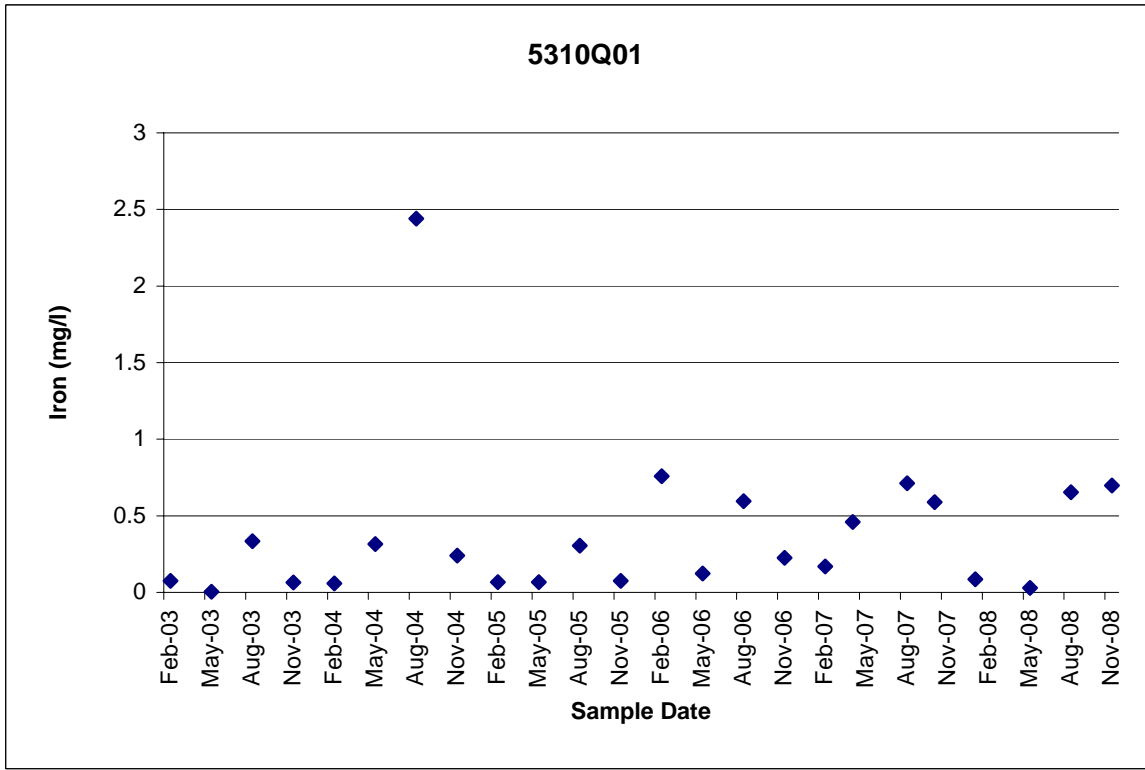


Spokane County Water Resources  
**Appendix F: Summary Statistics for Wells Exceeding Washington State  
 Drinking Water Standards Iron Trigger Levels**

**5310Q01 Monitoring Well at SCC**



**Summary Statistics**

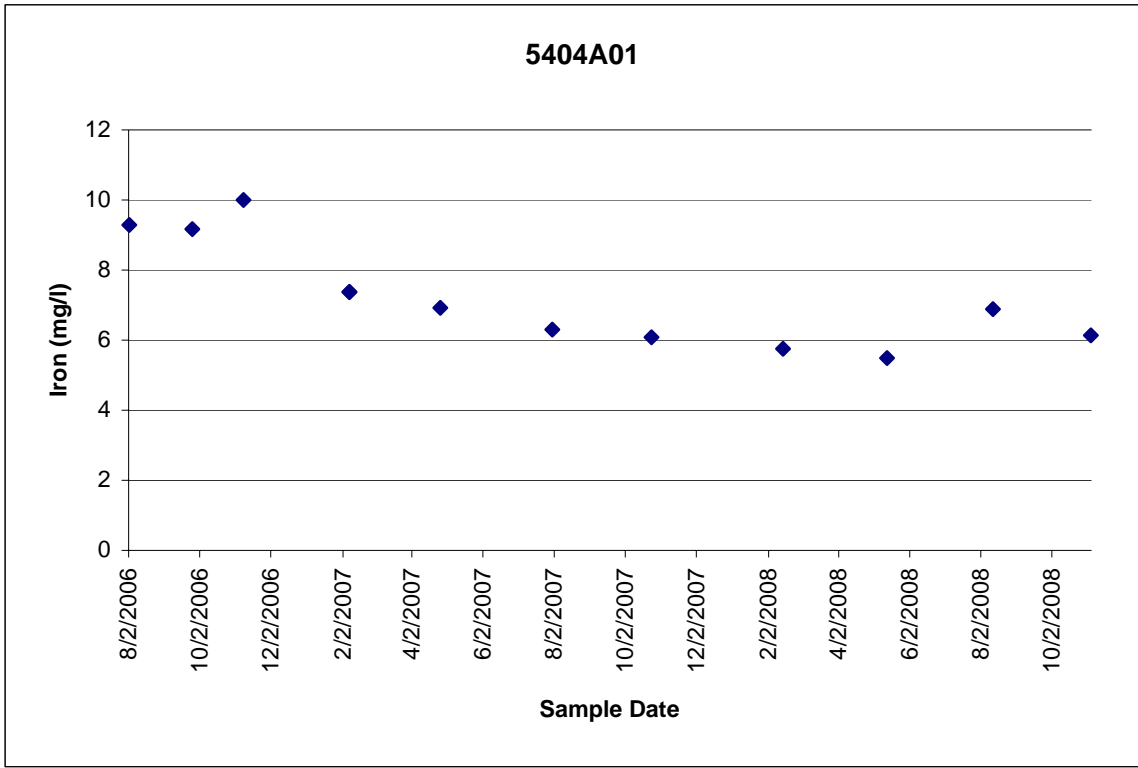
mean	0.381
standard deviation	0.505
minimum	0.005
maximum	2.44
95% confidence interval	0.179      0.583

**Trend Analysis**

n	24	Number of datapoints
S	73	Mann Kendall test statistic
Var(S)	1625.333	Variance
Z, z(1-a)	1.7859, 1.645	Normal approximation
Probability	0.0371	Probability associated with S for
Result	Hypothesis of increasing trend accepted	
	Hypothesis of decreasing trend rejected	

Spokane County Water Resources  
**Appendix F: Summary Statistics for Wells Exceeding Washington State  
 Drinking Water Standards Iron Trigger Levels**

**5404A01 Plantes Ferry Park Monitoring Well**



**Summary Statistics**

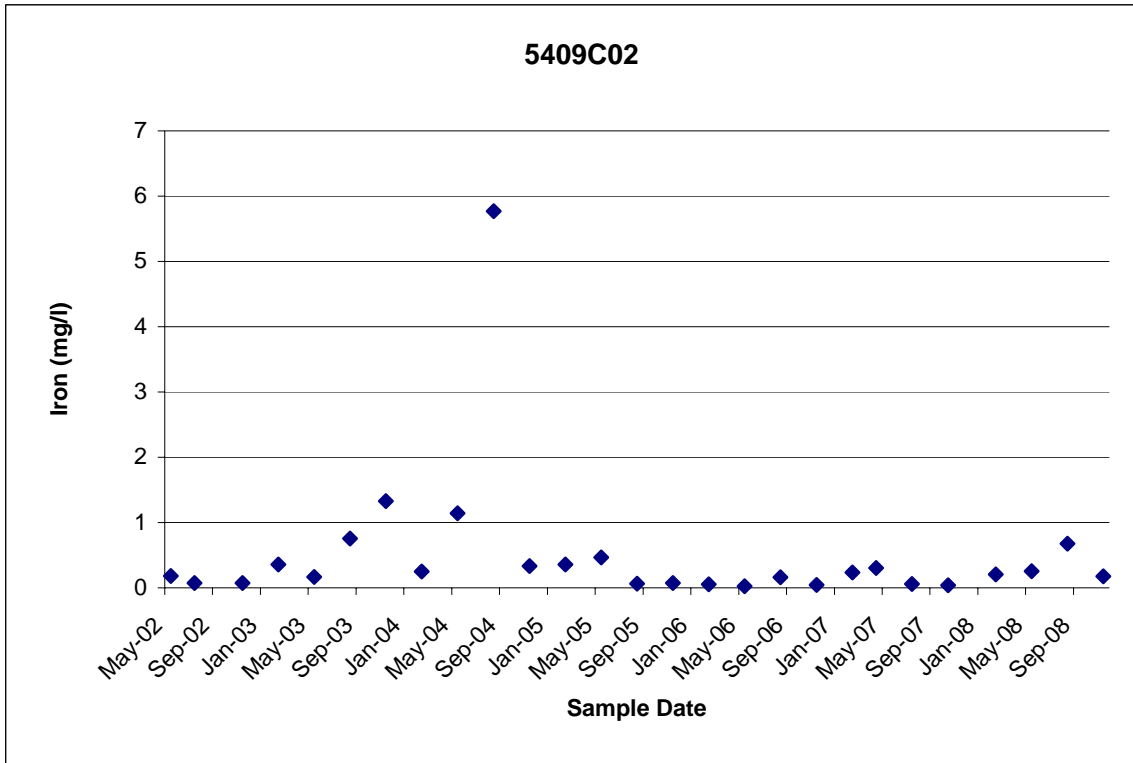
mean	7.232
standard deviation	1.493
minimum	5.49
maximum	10
95% confidence interval	6.387      8.077

**Trend Analysis**

n	12	Number of datapoints
S	-46	Mann Kendall test statistic
Var(S)	212.6667	Variance
Z, z(1-a)	-3.0858, 1.645	Normal approximation
Probability	0.001	Probability associated with S for
Result	Hypothesis of increasing trend rejected Hypothesis of decreasing trend accepted	

Spokane County Water Resources  
**Appendix F: Summary Statistics for Wells Exceeding Washington State  
 Drinking Water Standards Iron Trigger Levels**

**5409C02 Fredrick and Bowdish Monitoring Well**



**Summary Statistics**

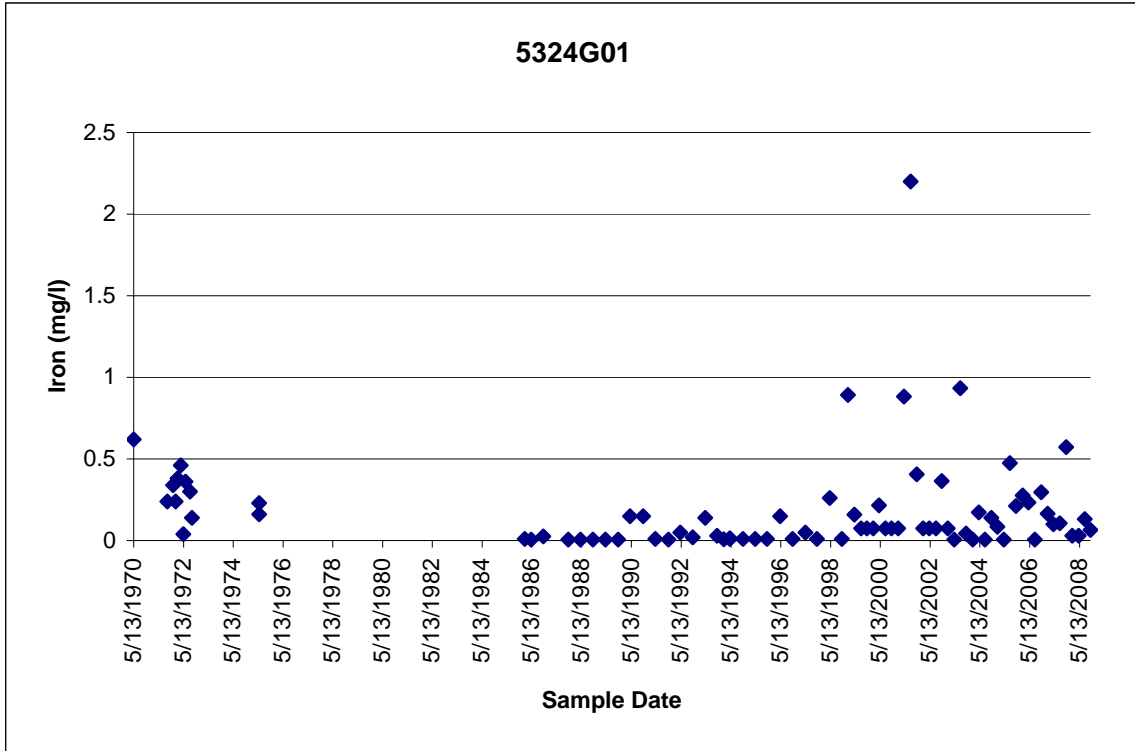
mean	0.505
standard deviation	1.102
minimum	0.0268
maximum	5.77
95% confidence interval	0.089      0.920

**Trend Analysis**

n	27	Number of datapoints
S	-52	Mann Kendall test statistic
Var(S)	2300	Variance
Z, z(1-a)	-1.0634, 1.645	Normal approximation
Probability	0.1438	Probability associated with S for
Result	Hypothesis of increasing trend rejected Hypothesis of decreasing trend rejected	

Spokane County Water Resources  
**Appendix F: Summary Statistics for Wells Exceeding Washington State  
 Drinking Water Standards Iron Trigger Levels**

**5324G01 East Spokane Water District Site 1**



**Summary Statistics**

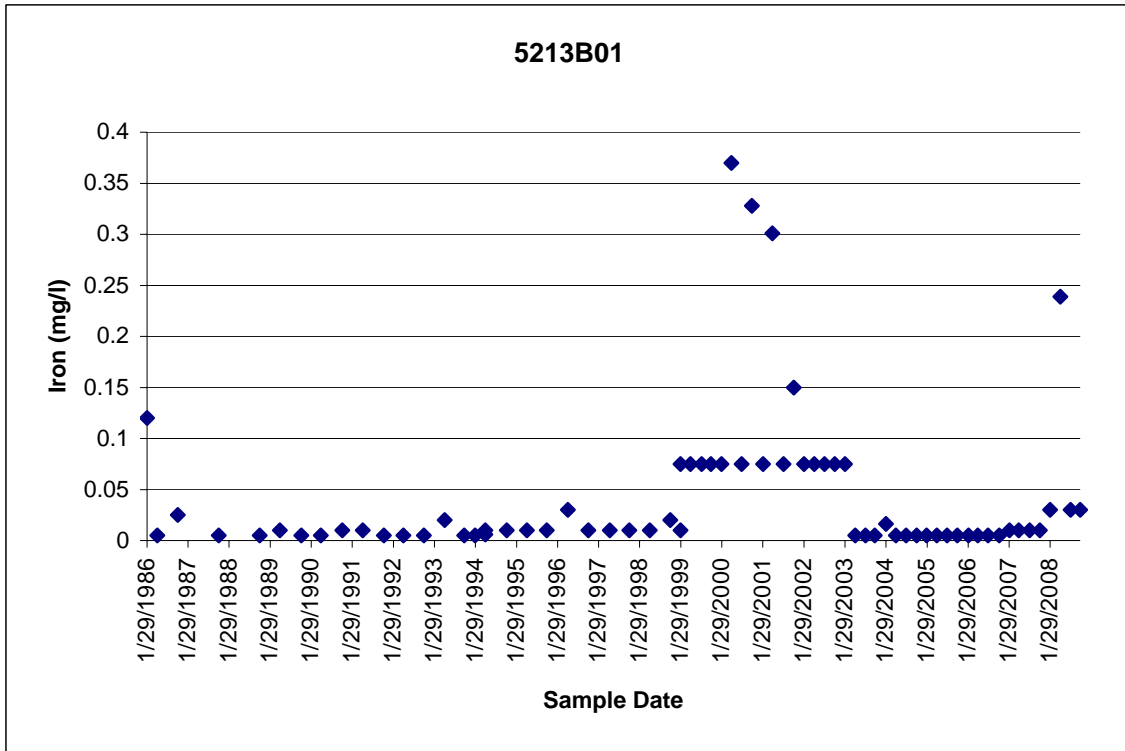
mean	0.183
standard deviation	0.307
minimum	0.005
maximum	2.2
95% confidence interval	0.116      0.250

**Trend Analysis**

n	80	Number of datapoints
S	156	Mann Kendall test statistic
Var(S)	57925.33	Variance
Z, z(1-a)	0.644, 1.645	Normal approximation
Probability	0.2598	Probability associated with S for
Result	Hypothesis of increasing trend rejected Hypothesis of decreasing trend rejected	

Spokane County Water Resources  
**Appendix F: Summary Statistics for Wells Exceeding Washington State  
 Drinking Water Standards Iron Trigger Levels**

**5213B01 I.E. COLD STORAGE**



**Summary Statistics**

mean	0.044
standard deviation	0.075
minimum	0.005
maximum	0.37
95% confidence interval	25.982      0.062

**Trend Analysis**

n	72	Number of datapoints
S	-98	Mann Kendall test statistic
Var(S)	42294	Variance
Z, z(1-a)	-0.4717, 1.645	Normal approximation
Probability	0.3186	Probability associated with S for
Result	Hypothesis of increasing trend rejected	
	Hypothesis of decreasing trend rejected	