

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	11.95	-1.340
Std Dev	11.86	-1.000
Median	11.61	0.000
Std Dev	11.36	1.000
123	11.27	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	12.03	-2.776
Std Dev	11.94	-1.000
61	11.93	-0.861
61	11.92	-0.670
23	11.91	-0.479
23	11.91	-0.479
24	11.90	-0.287
24	11.89	0.000
Median	11.89	0.000
34	11.87	0.287
32	11.85	0.670
140	11.84	0.861
Std Dev	11.83	1.000
113	11.81	1.531
28	11.70	3.541
38	11.56	6.317

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
28	12.03	-2.101
Std Dev	11.95	-1.000
31	11.95	-0.942
61	11.93	-0.652
61	11.92	-0.507
23	11.91	-0.362
23	11.91	-0.362
24	11.90	-0.217
24	11.89	0.000
Median	11.89	0.000
34	11.87	0.217
32	11.85	0.507
140	11.84	0.652
Std Dev	11.82	1.000
113	11.81	1.159

28	11.70	2.680
38	11.56	4.781
123	11.27	8.909

002.99 Nitrate Nitrogen		
Lab	Other	
38	0.00	0.000
Median	0.00	0.000

002.XX Nitrate Nitrogen		
Lab	Total Method	
38	0.00	0.000
Median	0.00	0.000

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	12.02	-1.340
Std Dev	12.01	-1.000
Median	12.00	0.000
Std Dev	11.99	1.000
43	11.99	1.340

010.12 Total Nitrogen		
Lab	Salicylic	
107	11.89	0.000
Median	11.89	0.000

010.60 Total Nitrogen		
Lab	Combustion	
66	12.16	-2.866
47	12.14	-2.653
80	12.10	-2.282
64	12.09	-2.123
65	12.06	-1.857
Std Dev	11.98	-1.000
31	11.96	-0.743
77	11.95	-0.637
99	11.94	-0.531
111	11.91	-0.212
14	11.90	-0.159
9	11.89	-0.053
Median	11.89	0.000
29	11.88	0.053
75	11.87	0.212

14	11.86	0.265
49	11.85	0.371
39	11.83	0.584
102	11.83	0.637
Std Dev	11.79	1.000
123	11.73	1.698
38	11.71	1.857
103	11.69	2.070
110	11.43	4.882
95	11.30	6.209

010.99 Total Nitrogen		
Lab	Other	
40	11.92	-0.383
140	11.91	0.000
Median	11.91	0.000
Std Dev	11.88	1.000
32	11.85	2.297

010.XX Total Nitrogen		
Lab	Total Method	
66	12.16	-2.965
47	12.14	-2.737
80	12.10	-2.338
64	12.09	-2.167
65	12.06	-1.882
43	12.02	-1.369
43	11.99	-1.026
Std Dev	11.98	-1.000
31	11.96	-0.684
77	11.95	-0.570
99	11.94	-0.456
40	11.92	-0.285
140	11.91	-0.171
111	11.91	-0.114
14	11.90	-0.057
Median	11.90	0.000
9	11.89	0.057
107	11.89	0.114
29	11.88	0.171
75	11.87	0.342
14	11.86	0.399
32	11.85	0.513
49	11.85	0.513

39	11.83	0.741
102	11.83	0.798
Std Dev	11.81	1.000
123	11.73	1.939
38	11.71	2.110
103	11.69	2.338
110	11.43	5.360
95	11.30	6.786

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	42.21	-1.340
Std Dev	42.09	-1.000
Median	41.75	0.000
Std Dev	41.40	1.000
40	41.28	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
95	46.90	-36.416
140	41.54	-2.617
103	41.46	-2.112
220	41.31	-1.144
Std Dev	41.28	-1.000
24	41.26	-0.820
237	41.23	-0.662
14	41.23	-0.631
14	41.22	-0.599
99	41.18	-0.347
23	41.14	-0.095
34	41.14	-0.095
31	41.13	0.000
Median	41.13	0.000
32	41.11	0.095
23	41.10	0.189
43	41.06	0.441
61	41.03	0.599
9	41.02	0.694
61	41.02	0.694
113	41.02	0.694
24	41.00	0.820
Std Dev	40.97	1.000
43	40.79	2.112
110	40.74	2.459

102	40.66	2.964
<b>020.30 Total Phosphate</b>		
Lab	Alka. Quimociac	
111	40.84	0.000
Median	40.84	0.000
<b>020.40 Total Phosphate</b>		
Lab	Automated	
28	42.93	0.000
Median	42.93	0.000
<b>020.50 Total Phosphate</b>		
Lab	ICP	
9	41.00	0.000
Median	41.00	0.000
<b>020.99 Total Phosphate</b>		
Lab	Other	
123	42.69	-1.340
Std Dev	42.54	-1.000
Median	42.10	0.000
Std Dev	41.65	1.000
28	41.50	1.340
<b>020.XX Total Phosphate</b>		
Lab	Total Method	
95	46.90	-27.101
28	42.93	-8.398
123	42.69	-7.293
241	42.21	-5.034
140	41.54	-1.882
28	41.50	-1.694
103	41.46	-1.506
Std Dev	41.35	-1.000
220	41.31	-0.783
40	41.28	-0.659
24	41.26	-0.541
237	41.23	-0.423
14	41.23	-0.400
14	41.22	-0.376
99	41.18	-0.188
23	41.14	0.000
34	41.14	0.000

Median	41.14	0.000
31	41.13	0.071
32	41.11	0.141
23	41.10	0.212
43	41.06	0.400
61	41.03	0.518
9	41.02	0.588
61	41.02	0.588
113	41.02	0.588
24	41.00	0.682
9	41.00	0.682
Std Dev	40.93	1.000
111	40.84	1.411
43	40.79	1.647
110	40.74	1.906
102	40.66	2.282
<b>030.20 Insoluble Phosphate</b>		
Lab	Spectrometric	
14	0.76	-0.966
14	0.76	-0.946
43	0.72	-0.819
61	0.72	-0.787
32	0.69	-0.687
43	0.68	-0.660
113	0.56	-0.169
Median	0.52	0.000
24	0.48	0.169
61	0.48	0.169
23	0.38	0.548
23	0.37	0.588
24	0.36	0.628
Std Dev	0.27	1.000
140	0.25	1.066
123	0.16	1.425
<b>030.30 Insoluble Phosphate</b>		
Lab	Alka. Quimociac	
31	0.25	0.000
Median	0.25	0.000
<b>030.40 Insoluble Phosphate</b>		
Lab	Automated	
34	0.49	0.000

Median	0.49	0.000
<b>030.50 Insoluble Phosphate</b>		
Lab	ICP	
9	0.37	0.000
Median	0.37	0.000
<b>030.99 Insoluble Phosphate</b>		
Lab	Other	
28	0.07	-1.340
Std Dev	0.06	-1.000
Median	0.05	0.000
Std Dev	0.03	1.000
28	0.03	1.340
<b>030.XX Insoluble Phosphate</b>		
Lab	Total Method	
14	0.76	-1.001
Std Dev	0.76	-1.000
14	0.76	-0.983
43	0.72	-0.871
61	0.72	-0.843
32	0.69	-0.755
43	0.68	-0.731
113	0.56	-0.299
34	0.49	-0.053
24	0.48	0.000
61	0.48	0.000
Median	0.48	0.000
23	0.38	0.334
23	0.37	0.369
9	0.37	0.386
24	0.36	0.404
31	0.25	0.790
140	0.25	0.790
Std Dev	0.19	1.000
123	0.16	1.106
28	0.07	1.440
28	0.03	1.563
<b>040.20 Indirect Available Phosphate</b>		
Lab	Spectrometric	
123	42.53	-8.126
140	41.29	-2.809

31	40.89	-1.093
Std Dev	40.87	-1.000
24	40.78	-0.622
23	40.76	-0.536
23	40.73	-0.386
9	40.65	-0.064
24	40.64	0.000
Median	40.64	0.000
61	40.56	0.343
14	40.47	0.708
14	40.46	0.750
113	40.46	0.772
Std Dev	40.40	1.000
43	40.37	1.136
61	40.30	1.436
43	40.07	2.444
<b>040.40 Indirect Available Phosphate</b>		
Lab	Automated	
28	42.86	0.000
Median	42.86	0.000
<b>040.50 Indirect Available Phosphate</b>		
Lab	ICP	
9	40.63	0.000
Median	40.63	0.000
<b>040.99 Indirect Available Phosphate</b>		
Lab	Other	
28	41.47	-1.340
Std Dev	41.37	-1.000
Median	41.07	0.000
Std Dev	40.76	1.000
34	40.66	1.340
<b>040.XX Indirect Available Phosphate</b>		
Lab	Total Method	
28	42.86	-8.004
123	42.53	-6.809
28	41.47	-2.970
140	41.29	-2.318
Std Dev	40.93	-1.000
31	40.89	-0.869
24	40.78	-0.471

23	40.76	-0.398
23	40.73	-0.272
34	40.66	-0.036
9	40.65	0.000
<b>Median</b>	<b>40.65</b>	<b>0.000</b>
24	40.64	0.054
9	40.63	0.072
61	40.56	0.344
14	40.47	0.652
14	40.46	0.688
113	40.46	0.706
<b>Std Dev</b>	<b>40.37</b>	<b>1.000</b>
43	40.37	1.014
61	40.30	1.268
43	40.07	2.119

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
39	41.06	-1.195
<b>Std Dev</b>	<b>40.99</b>	<b>-1.000</b>
47	40.61	0.000
<b>Median</b>	<b>40.61</b>	<b>0.000</b>
<b>Std Dev</b>	<b>40.22</b>	<b>1.000</b>
107	40.04	1.485

041.20 Direct Available Phosphate		
Lab	Spectrometric	
220	40.87	-1.340
<b>Std Dev</b>	<b>40.80</b>	<b>-1.000</b>
<b>Median</b>	<b>40.62</b>	<b>0.000</b>
<b>Std Dev</b>	<b>40.43</b>	<b>1.000</b>
237	40.37	1.340

041.40 Direct Available Phosphate		
Lab	Automated	
38	41.31	-0.703
39	40.99	0.000
<b>Median</b>	<b>40.99</b>	<b>0.000</b>
<b>Std Dev</b>	<b>40.53</b>	<b>1.000</b>
49	40.09	1.977

041.50 Direct Available Phosphate		
Lab	ICP	
47	39.92	-1.470

<b>Std Dev</b>	<b>39.87</b>	<b>-1.000</b>
80	39.75	0.000
<b>Median</b>	<b>39.75</b>	<b>0.000</b>
<b>Std Dev</b>	<b>39.63</b>	<b>1.000</b>
66	39.61	1.210

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
29	40.59	-4.610
<b>Std Dev</b>	<b>39.92</b>	<b>-1.000</b>
77	39.91	-0.938
65	39.73	0.000
<b>Median</b>	<b>39.73</b>	<b>0.000</b>
64	39.66	0.402
<b>Std Dev</b>	<b>39.54</b>	<b>1.000</b>
75	39.46	1.474

041.99 Direct Available Phosphate		
Lab	Other	
14	40.21	-0.001
14	40.20	0.000
<b>Median</b>	<b>40.20</b>	<b>0.000</b>
<b>Std Dev</b>	<b>32.08</b>	<b>1.000</b>
95	18.45	2.679

041.XX Direct Available Phosphate		
Lab	Total Method	
38	41.31	-1.906
39	41.06	-1.516
39	40.99	-1.406
220	40.87	-1.215
<b>Std Dev</b>	<b>40.73</b>	<b>-1.000</b>
47	40.61	-0.805
29	40.59	-0.781
237	40.37	-0.438
14	40.21	-0.188
14	40.20	-0.172
49	40.09	0.000
<b>Median</b>	<b>40.09</b>	<b>0.000</b>
107	40.04	0.078
47	39.92	0.266
77	39.91	0.289
80	39.75	0.531
65	39.73	0.563

64	39.66	0.680
66	39.61	0.750
75	39.46	0.992
<b>Std Dev</b>	<b>39.45</b>	<b>1.000</b>
95	18.45	33.816

042.99 Ortho Phosphate		
Lab	Other	
65	.	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

042.XX Ortho Phosphate		
Lab	Total Method	
65	.	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
220	36.18	-1.928
24	36.15	-1.780
<b>Std Dev</b>	<b>35.95</b>	<b>-1.000</b>
113	35.95	-0.982
43	35.92	-0.859
23	35.90	-0.777
23	35.85	-0.552
24	35.85	-0.552
31	35.71	0.000
<b>Median</b>	<b>35.71</b>	<b>0.000</b>
61	35.67	0.184
140	35.62	0.389
43	35.60	0.471
61	35.57	0.573
<b>Std Dev</b>	<b>35.47</b>	<b>1.000</b>
14	35.45	1.064
14	35.45	1.064
32	33.30	9.861

048.99 Water Soluble Phosphate		
Lab	Other	
123	35.85	-2.625
<b>Std Dev</b>	<b>35.70</b>	<b>-1.000</b>
34	35.61	0.000
<b>Median</b>	<b>35.61</b>	<b>0.000</b>
9	35.61	0.055

048.XX Water Soluble Phosphate		
Lab	Total Method	
220	36.18	-2.282
24	36.15	-2.114
113	35.95	-1.213
43	35.92	-1.074
<b>Std Dev</b>	<b>35.90</b>	<b>-1.000</b>
23	35.90	-0.982
123	35.85	-0.751
23	35.85	-0.728
24	35.85	-0.728
31	35.71	-0.104
<b>Median</b>	<b>35.69</b>	<b>0.000</b>
61	35.67	0.104
140	35.62	0.335
34	35.61	0.358
9	35.61	0.381
43	35.60	0.427
61	35.57	0.543
<b>Std Dev</b>	<b>35.47</b>	<b>1.000</b>
14	35.45	1.097
14	35.45	1.097
32	33.30	11.032

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.12	0.000
23	0.12	0.000
<b>Median</b>	<b>0.12</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.11</b>	<b>1.000</b>
28	0.10	2.680

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
43	0.24	-2.454
43	0.23	-2.398
<b>Std Dev</b>	<b>0.17</b>	<b>-1.000</b>
102	0.13	-0.060
61	0.13	0.000
<b>Median</b>	<b>0.13</b>	<b>0.000</b>
24	0.12	0.111
24	0.12	0.111
61	0.12	0.111

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
43	0.24	-22.056
43	0.23	-21.573
102	0.13	-1.469
<b>Std Dev</b>	<b>0.13</b>	<b>-1.000</b>
61	0.13	-0.954
23	0.12	0.000
23	0.12	0.000
24	0.12	0.000
24	0.12	0.000
61	0.12	0.000
<b>Median</b>	<b>0.12</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.11</b>	<b>1.000</b>
28	0.10	3.815

060.00 Free Water		
Lab		Vacuum Oven
24	0.83	-1.498
24	0.83	-1.458
31	0.79	-1.143
<b>Std Dev</b>	<b>0.77</b>	<b>-1.000</b>
220	0.75	-0.841
113	0.74	-0.788
32	0.72	-0.631
23	0.71	-0.512
28	0.70	-0.473
23	0.69	-0.394
9	0.64	0.000
<b>Median</b>	<b>0.64</b>	<b>0.000</b>
14	0.60	0.355
14	0.59	0.394
123	0.59	0.394
111	0.57	0.552
34	0.55	0.709
<b>Std Dev</b>	<b>0.51</b>	<b>1.000</b>
140	0.48	1.301
43	0.47	1.379
28	0.44	1.576
43	0.41	1.813

060.10 Free Water		
Lab		Vacuum Desiccate

61	0.59	-1.531
<b>Std Dev</b>	<b>0.56</b>	<b>-1.000</b>
237	0.49	0.000
<b>Median</b>	<b>0.49</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.42</b>	<b>1.000</b>
61	0.42	1.149

060.XX Free Water		
Lab		Total Method
24	0.83	-1.507
24	0.83	-1.475
31	0.79	-1.221
<b>Std Dev</b>	<b>0.75</b>	<b>-1.000</b>
220	0.75	-0.978
113	0.74	-0.936
32	0.72	-0.809
23	0.71	-0.714
28	0.70	-0.682
23	0.69	-0.618
9	0.64	-0.301
14	0.60	-0.016
<b>Median</b>	<b>0.59</b>	<b>0.000</b>
14	0.59	0.016
61	0.59	0.016
123	0.59	0.016
111	0.57	0.143
34	0.55	0.270
237	0.49	0.650
140	0.48	0.745
43	0.47	0.809
28	0.44	0.967
<b>Std Dev</b>	<b>0.43</b>	<b>1.000</b>
61	0.42	1.126
43	0.41	1.158

101.00 Acid Soluble Calcium		
Lab	%CaO	Atomic Absorption
77	0.29	0.000
<b>Median</b>	<b>0.29</b>	<b>0.000</b>

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
23	0.38	-1.688
34	0.38	-1.688

61	0.38	-1.420
28	0.37	-1.152
<b>Std Dev</b>	<b>0.37</b>	<b>-1.000</b>
23	0.37	-0.884
31	0.36	-0.616
61	0.36	-0.616
102	0.36	-0.490
237	0.35	0.000
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
9	0.35	0.188
24	0.35	0.188
32	0.35	0.188
24	0.34	0.456
43	0.33	0.849
14	0.33	0.992
14	0.33	0.992
<b>Std Dev</b>	<b>0.33</b>	<b>1.000</b>
43	0.33	1.025

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
23	0.38	-1.523
34	0.38	-1.523
61	0.38	-1.294
28	0.37	-1.065
<b>Std Dev</b>	<b>0.37</b>	<b>-1.000</b>
23	0.37	-0.836
31	0.36	-0.607
61	0.36	-0.607
102	0.36	-0.499
237	0.35	-0.080
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
9	0.35	0.080
24	0.35	0.080
32	0.35	0.080
24	0.34	0.309
43	0.33	0.645
14	0.33	0.767
14	0.33	0.767
43	0.33	0.796
<b>Std Dev</b>	<b>0.32</b>	<b>1.000</b>
77	0.29	2.599

121.00 Acid Soluble Magnesium			
Lab	%MgO	Atomic Absorption	
241	1.32		-1.340
<b>Std Dev</b>	<b>1.25</b>		<b>-1.000</b>
<b>Median</b>	<b>1.04</b>		<b>0.000</b>
<b>Std Dev</b>	<b>0.84</b>		<b>1.000</b>
77	0.77		1.340

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	0.83	-2.436
34	0.79	-1.218
<b>Std Dev</b>	<b>0.78</b>	<b>-1.000</b>
9	0.78	-0.870
23	0.77	-0.348
24	0.77	-0.348
14	0.76	-0.174
14	0.76	-0.174
237	0.76	-0.122
23	0.76	0.000
28	0.76	0.000
<b>Median</b>	<b>0.76</b>	<b>0.000</b>
61	0.74	0.696
61	0.73	0.870
102	0.73	0.992
<b>Std Dev</b>	<b>0.73</b>	<b>1.000</b>
32	0.73	1.044
31	0.72	1.392
43	0.67	2.958
43	0.66	3.481

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
241	1.32	-20.474
24	0.83	-2.425
34	0.79	-1.149
<b>Std Dev</b>	<b>0.79</b>	<b>-1.000</b>
9	0.78	-0.784
23	0.77	-0.237
24	0.77	-0.237
77	0.77	-0.237
14	0.76	-0.055
14	0.76	-0.055
237	0.76	0.000

Median	0.76	0.000
23	0.76	0.128
28	0.76	0.128
61	0.74	0.857
Std Dev	0.73	1.000
61	0.73	1.039
102	0.73	1.167
32	0.73	1.221
31	0.72	1.586
43	0.67	3.227
43	0.66	3.774

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
241	16.23	-3.199
Std Dev	11.02	-1.000
61	8.72	-0.030
61	8.65	0.000
Median	8.65	0.000
Std Dev	6.28	1.000
140	5.55	1.310
113	5.24	1.441

144.70 Sulfur		
Lab	Spectrometric	
14	9.61	-1.340
Std Dev	9.60	-1.000
Median	9.60	0.000
Std Dev	9.60	1.000
14	9.60	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
28	27.66	-294.342
32	5.63	-6.384
Std Dev	5.22	-1.000
34	5.22	-0.980
23	5.21	-0.850
23	5.17	-0.327
Median	5.15	0.000
237	5.12	0.327
24	5.12	0.392
24	5.12	0.392
Std Dev	5.07	1.000

9	5.05	1.307
66	4.81	4.445

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
28	27.66	-8.347
241	16.23	-4.093
14	9.61	-1.627
14	9.60	-1.623
61	8.72	-1.297
61	8.65	-1.271
Std Dev	7.92	-1.000
32	5.63	-0.148
140	5.55	-0.115
113	5.24	0.000
Median	5.24	0.000
34	5.22	0.006
23	5.21	0.009
23	5.17	0.024
237	5.12	0.043
24	5.12	0.045
24	5.12	0.045
9	5.05	0.071
66	4.81	0.160

145.99 Total Sulfur (S)		
Lab	Other	
140	10.77	-0.418
43	10.24	-0.074
34	10.22	-0.064
43	10.21	-0.058
23	10.19	-0.042
23	10.16	-0.023
113	10.14	-0.010
Median	10.12	0.000
103	10.11	0.010
66	9.95	0.109
237	9.91	0.138
Std Dev	8.57	1.000
102	7.53	1.669
111	5.65	2.878
77	5.40	3.038
38	5.18	3.180

145.XX Total Sulfur (S)		
Lab	Total Method	
140	10.77	-0.418
43	10.24	-0.074
34	10.22	-0.064
43	10.21	-0.058
23	10.19	-0.042
23	10.16	-0.023
113	10.14	-0.010
Median	10.12	0.000
103	10.11	0.010
66	9.95	0.109
237	9.91	0.138
Std Dev	8.57	1.000
102	7.53	1.669
111	5.65	2.878
77	5.40	3.038
38	5.18	3.180

151.30 Total Arsenic		
Lab	ICP	
102	<5	0.000
28	11.26	-1.082
Std Dev	10.71	-1.000
24	8.12	-0.611
Median	4.06	0.000
61	0.00	0.611
61	0.00	0.611

151.XX Total Arsenic		
Lab	Total Method	
102	<5	0.000
28	11.26	-1.082
Std Dev	10.71	-1.000
24	8.12	-0.611
Median	4.06	0.000
61	0.00	0.611
61	0.00	0.611

165.99 Acid Soluble Boron		
Lab	PPM	Other
24	36.30	-1.340
Std Dev	36.29	-1.000
Median	36.28	0.000

Std Dev	36.26	1.000
102	36.25	1.340

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
24	36.30	-1.340
Std Dev	36.29	-1.000
Median	36.28	0.000
Std Dev	36.26	1.000
102	36.25	1.340

181.30 Total Cadmium		
Lab	PPM	ICP
61	4.00	-1.083
61	4.00	-1.083
Std Dev	3.95	-1.000
237	3.65	-0.451
28	3.60	-0.361
Median	3.40	0.000
9	3.20	0.361
102	3.06	0.614
Std Dev	2.85	1.000
43	2.80	1.083
43	2.75	1.173

181.99 Total Cadmium		
Lab	Other	
24	3.39	0.000
Median	3.39	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
61	4.00	-1.385
61	4.00	-1.385
Std Dev	3.83	-1.000
237	3.65	-0.591
28	3.60	-0.477
24	3.39	0.000
Median	3.39	0.000
9	3.20	0.432
102	3.06	0.749
Std Dev	2.95	1.000
43	2.80	1.340
43	2.75	1.454

190.00 Lab	%Al <sub>2</sub> O <sub>3</sub>	Aluminum ICP
9	1.44	-1.630
14	1.43	-1.397
14	1.42	-1.164
<b>Std Dev</b>	<b>1.41</b>	<b>-1.000</b>
237	1.41	-0.815
102	1.40	-0.739
28	1.40	-0.698
32	1.39	-0.349
24	1.37	0.000
24	1.37	0.000
34	1.37	0.000
<b>Median</b>	<b>1.37</b>	<b>0.000</b>
23	1.36	0.233
23	1.35	0.582
61	1.35	0.582
<b>Std Dev</b>	<b>1.33</b>	<b>1.000</b>
43	1.32	1.164
61	1.32	1.164
43	1.31	1.513

190.99 Lab	%Al <sub>2</sub> O <sub>3</sub>	Aluminum Atomic Absorption
241	2.55	-1.340
<b>Std Dev</b>	<b>2.39</b>	<b>-1.000</b>
<b>Median</b>	<b>1.94</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.48</b>	<b>1.000</b>
31	1.32	1.340

190.XX Lab	%Al <sub>2</sub> O <sub>3</sub>	Aluminum Total Method
241	2.55	-26.715
9	1.44	-1.585
14	1.43	-1.358
14	1.42	-1.132
<b>Std Dev</b>	<b>1.41</b>	<b>-1.000</b>
237	1.41	-0.792
102	1.40	-0.719
28	1.40	-0.679
32	1.39	-0.340
24	1.37	0.000
24	1.37	0.000

34	1.37	0.000
<b>Median</b>	<b>1.37</b>	<b>0.000</b>
23	1.36	0.226
23	1.35	0.566
61	1.35	0.566
<b>Std Dev</b>	<b>1.33</b>	<b>1.000</b>
31	1.32	1.132
43	1.32	1.132
61	1.32	1.132
43	1.31	1.472

191.30 Lab	Total Chromium ICP	
9	71.00	-1.744
64	68.71	-1.016
<b>Std Dev</b>	<b>68.65</b>	<b>-1.000</b>
31	68.50	-0.951
237	68.50	-0.951
61	66.00	-0.159
<b>Median</b>	<b>65.50</b>	<b>0.000</b>
61	65.00	0.159
28	64.96	0.171
102	64.05	0.461
43	63.50	0.634
43	63.00	0.793

191.99 Lab	PPM	Total Chromium Other
24	62.50	0.000
<b>Median</b>	<b>62.50</b>	<b>0.000</b>

191.XX Lab	PPM	Total Chromium Total Method
9	71.00	-1.701
64	68.71	-1.050
<b>Std Dev</b>	<b>68.53</b>	<b>-1.000</b>
31	68.50	-0.992
237	68.50	-0.992
61	66.00	-0.283
61	65.00	0.000
<b>Median</b>	<b>65.00</b>	<b>0.000</b>
28	64.96	0.011
102	64.05	0.271
43	63.50	0.425

43	63.00	0.567
24	62.50	0.709

202.30 Lab	PPM	Acid Soluble Cobalt ICP
28	3.49	-2.388
<b>Std Dev</b>	<b>3.21</b>	<b>-1.000</b>
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
<b>Median</b>	<b>3.00</b>	<b>0.000</b>
<b>Std Dev</b>	<b>2.79</b>	<b>1.000</b>
9	2.75	1.218
237	2.65	1.705
102	2.59	2.022

202.99 Lab	Acid Soluble Cobalt Other	
24	2.60	0.000
<b>Median</b>	<b>2.60</b>	<b>0.000</b>

202.XX Lab	PPM	Acid Soluble Cobalt Total Method
28	3.49	-1.876
<b>Std Dev</b>	<b>3.26</b>	<b>-1.000</b>
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
<b>Median</b>	<b>3.00</b>	<b>0.000</b>
9	2.75	0.957
<b>Std Dev</b>	<b>2.74</b>	<b>1.000</b>
237	2.65	1.340
24	2.60	1.531
102	2.59	1.589

221.00 Lab	Acid Soluble Copper Atomic Absorption	
241	2.14	-1.340
<b>Std Dev</b>	<b>1.93</b>	<b>-1.000</b>
<b>Median</b>	<b>1.31</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.68</b>	<b>1.000</b>
95	0.47	1.340

221.30 Lab	PPM	Acid Soluble Copper ICP
237	7.30	-7.839
<b>Std Dev</b>	<b>2.38</b>	<b>-1.000</b>
61	2.00	-0.479
61	2.00	-0.479
102	1.66	0.000
<b>Median</b>	<b>1.66</b>	<b>0.000</b>
28	1.07	0.812
43	1.00	0.910
43	1.00	0.910

221.99 Lab	Acid Soluble Copper Other	
24	2.56	0.000
<b>Median</b>	<b>2.56</b>	<b>0.000</b>

221.XX Lab	PPM	Acid Soluble Copper Total Method
237	7.30	-7.564
24	2.56	-1.206
<b>Std Dev</b>	<b>2.40</b>	<b>-1.000</b>
61	2.00	-0.462
61	2.00	-0.462
102	1.66	0.000
<b>Median</b>	<b>1.66</b>	<b>0.000</b>
28	1.07	0.784
43	1.00	0.878
43	1.00	0.878
<b>Std Dev</b>	<b>0.91</b>	<b>1.000</b>
95	0.00	2.218

241.30 Lab	%Fe <sub>2</sub> O <sub>3</sub>	Acid Soluble Iron ICP
34	1.52	-0.967
14	1.51	-0.791
14	1.51	-0.791
24	1.51	-0.791
24	1.51	-0.703
23	1.50	-0.615
23	1.49	-0.439
237	1.49	-0.439
31	1.47	-0.088

Median	1.47	0.000
32	1.46	0.088
61	1.46	0.088
9	1.45	0.351
61	1.44	0.527
28	1.43	0.703
43	1.42	0.791
Std Dev	1.41	1.000
43	1.41	1.054
102	1.37	1.638
66	1.04	7.442

241.XX		Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method	
241	2.14	-10.964	
Std Dev	1.53	-1.000	
34	1.52	-0.893	
14	1.51	-0.731	
14	1.51	-0.731	
24	1.51	-0.731	
24	1.51	-0.650	
23	1.50	-0.568	
23	1.49	-0.406	
237	1.49	-0.406	
31	1.47	-0.081	
Median	1.47	0.000	
32	1.46	0.081	
61	1.46	0.081	
9	1.45	0.325	
61	1.44	0.487	
28	1.43	0.650	
43	1.42	0.731	
43	1.41	0.975	
Std Dev	1.40	1.000	
102	1.37	1.514	
66	1.04	6.879	
95	0.47	16.161	

251.30		Total Lead	
Lab	PPM	ICP	
102	<5	0.000	
237	2.85	-0.865	
28	2.76	-0.769	
43	2.00	0.000	

43	2.00	0.000
Median	2.00	0.000
Std Dev	1.02	1.000
61	1.00	1.018
61	1.00	1.018

251.99		Total Lead	
Lab	PPM	Other	
24	1.69	0.000	
Median	1.69	0.000	

251.XX		Total Lead	
Lab	PPM	Total Method	
102	<5	0.000	
237	2.85	-1.100	
Std Dev	2.77	-1.000	
28	2.76	-0.977	
43	2.00	0.000	
43	2.00	0.000	
Median	2.00	0.000	
24	1.69	0.408	
Std Dev	1.23	1.000	
61	1.00	1.295	
61	1.00	1.295	

261.00		Acid Soluble Manganese	
Lab	PPM	Atomic Absorption	
95	0.01	0.000	
Median	0.01	0.000	

261.30		Acid Soluble Manganese	
Lab	PPM	ICP	
9	293.00	-0.856	
31	287.50	-0.487	
Median	280.25	0.000	
237	273.00	0.487	
Std Dev	265.35	1.000	
102	256.65	1.584	

261.99		Acid Soluble Manganese	
Lab	PPM	Other	
43	296.00	-1.072	
43	296.00	-1.072	
Std Dev	294.66	-1.000	

61	276.00	0.000
Median	276.00	0.000
61	271.00	0.268
24	260.00	0.858

261.XX		Acid Soluble Manganese	
Lab	PPM	Total Method	
43	296.00	-0.998	
43	296.00	-0.998	
9	293.00	-0.859	
31	287.50	-0.603	
61	276.00	-0.070	
Median	274.50	0.000	
237	273.00	0.070	
61	271.00	0.162	
24	260.00	0.673	
102	256.65	0.828	
Std Dev	252.95	1.000	
95	0.01	12.738	

271.30		Water Soluble Manganese	
Lab	PPM	ICP	
28	287.10	0.000	
Median	287.10	0.000	

271.XX		Water Soluble Manganese	
Lab	PPM	Total Method	
28	287.10	0.000	
Median	287.10	0.000	

281.30		Total Mercury	
Lab	PPM	ICP	
24	<0.07	0.000	
Median	0.00	0.000	

281.99		Total Mercury	
Lab	PPM	Other	
102	<0.4	0.000	
Median	0.00	0.000	

281.XX		Total Mercury	
Lab	PPM	Total Method	
102	<0.4	0.000	
24	<0.07	0.000	

Median	0.00	0.000
289.30	Total Molybdenum	
Lab	PPM	ICP
28	12.55	-0.811

64	Total Molybdenum	
289.99	Total Molybdenum	
Lab	PPM	Other
24	11.35	0.000
Median	11.35	0.000

289.XX		Total Molybdenum	
Lab	PPM	Total Method	
28	12.55	-1.332	
Std Dev	12.33	-1.000	
64	12.32	-0.988	
61	12.00	-0.498	
61	12.00	-0.498	
237	12.00	-0.498	
Median	11.68	0.000	
24	11.35	0.498	
43	11.20	0.727	
43	11.10	0.881	
102	11.10	0.881	
Std Dev	11.02	1.000	
9	11.00	1.034	

291.30		Total Nickel	
Lab	PPM	ICP	
28	15.04	-2.787	
64	14.98	-2.613	
Std Dev	14.37	-1.000	
61	14.00	0.000	
61	14.00	0.000	
237	14.00	0.000	
Median	14.00	0.000	
Std Dev	13.63	1.000	
9	13.50	1.340	
43	13.50	1.340	
102	13.50	1.340	
43	13.00	2.680	

291.99		Total Nickel	
Lab	PPM	Other	

24	15.85	0.000
Median	15.85	0.000

291.XX		Total Nickel
Lab	PPM	Total Method
24	15.85	-2.013
28	15.04	-1.132
64	14.98	-1.061
Std Dev	14.92	-1.000
61	14.00	0.000
61	14.00	0.000
237	14.00	0.000
Median	14.00	0.000
9	13.50	0.544
43	13.50	0.544
102	13.50	0.544
Std Dev	13.08	1.000
43	13.00	1.088

301.30		Total Selenium
Lab	PPM	ICP
102	<5	0.000
24	<0.50	0.000
Median	0.00	0.000

301.XX		Total Selenium
Lab	PPM	Total Mthod
102	<5	0.000
24	<0.50	0.000
Median	0.00	0.000

311.00		Sodium
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.16	0.000
Median	0.16	0.000

311.99		Sodium
Lab	%Na <sub>2</sub> O	Other
24	0.17	-0.985
61	0.17	-0.985
23	0.17	-0.657
28	0.16	-0.328
23	0.16	0.000
24	0.16	0.000

Median	0.16	0.000
102	0.14	0.683
43	0.14	0.855
Std Dev	0.14	1.000
43	0.14	1.107

311.XX		Sodium
Lab	%Na <sub>2</sub> O	Total Method
24	0.17	-1.012
61	0.17	-1.012
Std Dev	0.17	-1.000
23	0.17	-0.607
28	0.16	-0.202
61	0.16	-0.202
Median	0.16	0.000
23	0.16	0.202
24	0.16	0.202
Std Dev	0.15	1.000
102	0.14	1.044
43	0.14	1.256
43	0.14	1.567

321.00		Acid Soluble Zinc
Lab		Atomic Absorption
95	0.50	0.000
Median	0.50	0.000

321.30		Acid Soluble Zinc
Lab	PPM	ICP
23	1.06	-1.011
34	1.06	-1.011
Std Dev	1.06	-1.000
9	1.05	-0.758
23	1.05	-0.758
66	1.04	-0.556
64	1.04	-0.506
24	1.02	0.000
24	1.02	0.000
Median	1.02	0.000
103	1.01	0.152
237	1.01	0.253
28	0.99	0.758
Std Dev	0.98	1.000
102	0.92	2.550

61	0.90	3.034
61	0.89	3.287

321.99		Acid Soluble Zinc
Lab		Other
43	0.90	-1.340
Std Dev	0.90	-1.000
Median	0.90	0.000
Std Dev	0.89	1.000
43	0.89	1.340

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
23	1.06	-0.434
34	1.06	-0.434
9	1.05	-0.340
23	1.05	-0.340
66	1.04	-0.264
64	1.04	-0.245
24	1.02	-0.057
24	1.02	-0.057
103	1.01	0.000
Median	1.01	0.000
237	1.01	0.038
28	0.99	0.226
102	0.92	0.895
Std Dev	0.91	1.000
43	0.90	1.076
61	0.90	1.076
43	0.89	1.170
61	0.89	1.170
95	0.50	4.850

325.10		Fluoride
Lab	%	Electrode
23	1.84	-1.568
23	1.83	-1.466
220	1.79	-1.146
32	1.75	-0.708
111	1.72	-0.405
237	1.71	-0.253
28	1.70	-0.202
34	1.68	0.000
Median	1.68	0.000

24	1.67	0.101
9	1.67	0.152
102	1.61	0.708
24	1.60	0.860
31	1.43	2.528
28	1.40	2.832
14	1.36	3.236

325.99		Fluoride
Lab	%	Other
61	1.69	-0.160
61	1.67	0.000
Median	1.67	0.000
14	1.35	2.520

325.XX		Fluoride
Lab	%	Total Method
23	1.84	-1.825
23	1.83	-1.711
220	1.79	-1.350
32	1.75	-0.855
111	1.72	-0.513
237	1.71	-0.342
28	1.70	-0.285
61	1.69	-0.114
34	1.68	-0.057
Median	1.68	0.000
24	1.67	0.057
9	1.67	0.114
61	1.67	0.114
102	1.61	0.741
24	1.60	0.912
31	1.43	2.794
28	1.40	3.136
14	1.36	3.592
14	1.35	3.706