

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	16.95	0.000
<b>Median</b>	<b>16.95</b>	<b>0.000</b>

001.99 Ammoniacal Nitrogen		
Lab	Other	
34	17.55	-0.834
28	17.53	-0.596
24	17.51	-0.298
32	17.48	0.000
<b>Median</b>	<b>17.48</b>	<b>0.000</b>
31	17.42	0.715
<b>Std Dev</b>	<b>17.40</b>	<b>1.000</b>
24	17.39	1.072
38	16.71	9.231

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
34	17.55	-0.579
28	17.53	-0.464
24	17.51	-0.319
32	17.48	-0.174
<b>Median</b>	<b>17.45</b>	<b>0.000</b>
31	17.42	0.174
24	17.39	0.348
<b>Std Dev</b>	<b>17.28</b>	<b>1.000</b>
123	16.95	2.897
38	16.71	4.317

002.99 Nitrate Nitrogen		
Lab	Other	
38	0.00	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

002.XX Nitrate Nitrogen		
Lab	Total Method	
38	0.00	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

007.99 Percent UREA		
Lab	Other	
237	0.69	0.000
<b>Median</b>	<b>0.69</b>	<b>0.000</b>

007.XX Percent UREA		
Lab	Total Method	
237	0.69	0.000
<b>Median</b>	<b>0.69</b>	<b>0.000</b>

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
61	18.58	-1.355
<b>Std Dev</b>	<b>18.49</b>	<b>-1.000</b>
61	18.37	-0.506
<b>Median</b>	<b>18.24</b>	<b>0.000</b>
43	18.12	0.506
43	18.00	0.971

010.12 Total Nitrogen		
Lab	Salicylic	
119	18.41	-1.340
<b>Std Dev</b>	<b>18.36</b>	<b>-1.000</b>
<b>Median</b>	<b>18.24</b>	<b>0.000</b>
<b>Std Dev</b>	<b>18.11</b>	<b>1.000</b>
107	18.07	1.340

010.17 Total Nitrogen		
Lab	Comprehensive	
113	18.06	0.000
<b>Median</b>	<b>18.06</b>	<b>0.000</b>

010.60 Total Nitrogen		
Lab	Combustion	
47	18.36	-1.132
<b>Std Dev</b>	<b>18.34</b>	<b>-1.000</b>
99	18.33	-0.923
99	18.33	-0.923
237	18.31	-0.834
31	18.30	-0.774
80	18.30	-0.774
63	18.30	-0.744
75	18.27	-0.596
66	18.24	-0.417
63	18.22	-0.298
65	18.21	-0.238
14	18.21	-0.208
14	18.20	-0.179

49	18.19	-0.119
64	18.17	0.000
<b>Median</b>	<b>18.17</b>	<b>0.000</b>
9	18.13	0.268
44	18.13	0.268
39	18.12	0.298
38	18.11	0.357
111	18.06	0.655
123	18.06	0.685
77	18.05	0.744
24	18.01	0.983
102	18.01	0.983
<b>Std Dev</b>	<b>18.00</b>	<b>1.000</b>
24	17.98	1.132
35	17.95	1.310
103	17.82	2.114
95	17.70	2.799
110	17.22	5.658

010.99 Total Nitrogen		
Lab	Other	
23	18.12	-1.723
23	18.10	-1.340
<b>Std Dev</b>	<b>18.08</b>	<b>-1.000</b>
32	18.03	0.000
34	18.03	0.000
<b>Median</b>	<b>18.03</b>	<b>0.000</b>
40	17.98	0.957

010.XX Total Nitrogen		
Lab	Total Method	
61	18.58	-2.540
119	18.41	-1.591
61	18.37	-1.368
47	18.36	-1.340
99	18.33	-1.145
99	18.33	-1.145
237	18.31	-1.061
31	18.30	-1.005
80	18.30	-1.005
<b>Std Dev</b>	<b>18.30</b>	<b>-1.000</b>
63	18.30	-0.977
75	18.27	-0.837
66	18.24	-0.670

63	18.22	-0.558
65	18.21	-0.503
14	18.21	-0.475
14	18.20	-0.447
49	18.19	-0.391
64	18.17	-0.279
9	18.13	-0.028
44	18.13	-0.028
39	18.12	0.000
<b>Median</b>	<b>18.12</b>	<b>0.000</b>
23	18.12	0.000
43	18.12	0.028
38	18.11	0.056
23	18.10	0.112
107	18.07	0.307
111	18.06	0.335
113	18.06	0.363
123	18.06	0.363
77	18.05	0.419
32	18.03	0.503
34	18.03	0.503
24	18.01	0.642
102	18.01	0.642
43	18.00	0.670
40	17.98	0.782
24	17.98	0.782
35	17.95	0.949
<b>Std Dev</b>	<b>17.94</b>	<b>1.000</b>
103	17.82	1.703
95	17.70	2.345
110	17.22	5.025

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	47.28	-1.520
<b>Std Dev</b>	<b>47.15</b>	<b>-1.000</b>
35	46.90	0.000
<b>Median</b>	<b>46.90</b>	<b>0.000</b>
<b>Std Dev</b>	<b>46.65</b>	<b>1.000</b>
241	46.61	1.160

020.20 Total Phosphate		
Lab	Spectrometric	
9	46.67	-1.105

31	46.66	-1.078
Std Dev	46.65	-1.000
24	46.63	-0.912
34	46.60	-0.746
140	46.59	-0.691
61	46.58	-0.635
14	46.54	-0.387
113	46.52	-0.304
14	46.52	-0.304
24	46.52	-0.304
99	46.47	0.000
99	46.47	0.000
Median	46.47	0.000
43	46.46	0.055
220	46.42	0.260
43	46.41	0.332
23	46.35	0.635
61	46.33	0.746
237	46.30	0.912
Std Dev	46.28	1.000
23	46.28	1.050
32	46.26	1.133
102	46.10	2.017
95	44.90	8.648
110	44.59	10.388

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	46.09	0.000
Median	46.09	0.000

020.40	Total Phosphate	
Lab	Automated	
103	46.66	-1.340
Std Dev	46.49	-1.000
Median	46.01	0.000
Std Dev	45.52	1.000
28	45.35	1.340

020.50	Total Phosphate	
Lab	ICP	
9	46.42	0.000
Median	46.42	0.000

020.99	Total Phosphate	
Lab	Other	
123	46.93	0.000
Median	46.93	0.000

020.XX	Total Phosphate	
Lab	Total Method	
40	47.28	-3.766
123	46.93	-2.126
35	46.90	-2.010
Std Dev	46.68	-1.000

9	46.67	-0.924
31	46.66	-0.901
103	46.66	-0.901
24	46.63	-0.762
241	46.61	-0.670
34	46.60	-0.624
140	46.59	-0.578
61	46.58	-0.531
14	46.54	-0.323
113	46.52	-0.254
14	46.52	-0.254
24	46.52	-0.254
99	46.47	0.000
99	46.47	0.000
Median	46.47	0.000

43	46.46	0.046
220	46.42	0.217
9	46.42	0.231
43	46.41	0.277

23	46.35	0.531
61	46.33	0.624
237	46.30	0.762
23	46.28	0.878
32	46.26	0.947
Std Dev	46.25	1.000
102	46.10	1.687
111	46.09	1.733
28	45.35	5.152
95	44.90	7.231
110	44.59	8.687

030.20	Insoluble Phosphate	
Lab	Spectrometric	

14	0.83	-4.588
14	0.81	-4.394
61	0.56	-1.966
Std Dev	0.46	-1.000
43	0.43	-0.694
32	0.42	-0.558
43	0.41	-0.549
61	0.37	-0.121
Median	0.36	0.000
23	0.35	0.121
23	0.34	0.170
31	0.30	0.607
24	0.29	0.704
24	0.27	0.898
Std Dev	0.25	1.000
140	0.20	1.529
123	0.09	2.597

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.41	0.000
Median	0.41	0.000

030.50	Insoluble Phosphate	
Lab	ICP	
9	0.47	0.000
Median	0.47	0.000

030.XX	Insoluble Phosphate	
Lab	Total Method	
14	0.83	-4.052
14	0.81	-3.868
61	0.56	-1.566
Std Dev	0.50	-1.000
9	0.47	-0.691
43	0.43	-0.359
32	0.42	-0.230
43	0.41	-0.221
34	0.41	-0.184
Median	0.39	0.000
61	0.37	0.184
23	0.35	0.414
23	0.34	0.460
31	0.30	0.875

24	0.29	0.967
Std Dev	0.28	1.000
24	0.27	1.151
140	0.20	1.750
123	0.09	2.763

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
123	46.84	-2.190
Std Dev	46.47	-1.000
31	46.37	-0.654
140	46.35	-0.605
24	46.35	-0.588
24	46.26	-0.294
61	46.21	-0.147
43	46.17	0.000
Median	46.17	0.000
43	46.03	0.458
23	46.01	0.523
23	45.94	0.752
Std Dev	45.86	1.000
61	45.77	1.291
14	45.71	1.487
14	45.71	1.503

040.50	Indirect Available Phosphate	
Lab	ICP	
9	46.10	0.000
Median	46.10	0.000

040.99	Indirect Available Phosphate	
Lab	Other	
34	46.24	0.000
Median	46.24	0.000

040.XX	Indirect Available Phosphate	
Lab	Total Method	
123	46.84	-2.721
Std Dev	46.41	-1.000
31	46.37	-0.812
140	46.35	-0.751
24	46.35	-0.731
24	46.26	-0.365
34	46.24	-0.305

61	46.21	-0.183
43	46.17	0.000
<b>Median</b>	<b>46.17</b>	<b>0.000</b>
9	46.10	0.264
43	46.03	0.568
23	46.01	0.650
23	45.94	0.934
<b>Std Dev</b>	<b>45.92</b>	<b>1.000</b>
61	45.77	1.604
14	45.71	1.848
14	45.71	1.868

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
119	46.78	-0.895
39	46.47	-0.612
<b>Median</b>	<b>45.78</b>	<b>0.000</b>
44	45.10	0.612
107	44.90	0.792

041.20	Direct Available Phosphate	
Lab	Spectrometric	
220	46.10	0.000
<b>Median</b>	<b>46.10</b>	<b>0.000</b>

041.40	Direct Available Phosphate	
Lab	Automated	
38	47.86	-3.184
<b>Std Dev</b>	<b>46.98</b>	<b>-1.000</b>
49	46.64	-0.137
<b>Median</b>	<b>46.58</b>	<b>0.000</b>
39	46.53	0.137
<b>Std Dev</b>	<b>46.18</b>	<b>1.000</b>
103	46.04	1.356

041.50	Direct Available Phosphate	
Lab	ICP	
80	47.25	-1.596
<b>Std Dev</b>	<b>46.53</b>	<b>-1.000</b>
66	46.08	-0.629
47	45.32	0.000
<b>Median</b>	<b>45.32</b>	<b>0.000</b>
63	44.46	0.711
63	44.37	0.786

041.60	Direct Available Phosphate	
Lab	EDTA Extract	
64	45.99	-0.241
77	45.92	-0.132
<b>Median</b>	<b>45.84</b>	<b>0.000</b>
75	45.75	0.132
<b>Std Dev</b>	<b>45.19</b>	<b>1.000</b>
65	43.05	4.327

041.99	Direct Available Phosphate	
Lab	Other	
14	45.60	-1.340
<b>Std Dev</b>	<b>45.60</b>	<b>-1.000</b>
<b>Median</b>	<b>45.59</b>	<b>0.000</b>
<b>Std Dev</b>	<b>45.59</b>	<b>1.000</b>
14	45.59	1.340

041.XX	Direct Available Phosphate	
Lab	Total Method	
38	47.86	-2.101
80	47.25	-1.428
<b>Std Dev</b>	<b>46.86</b>	<b>-1.000</b>
119	46.78	-0.910
49	46.64	-0.750
39	46.53	-0.629
39	46.47	-0.562
220	46.10	-0.163
66	46.08	-0.138
103	46.04	-0.088
64	45.99	-0.039
<b>Median</b>	<b>45.96</b>	<b>0.000</b>
77	45.92	0.039
75	45.75	0.226
14	45.60	0.392
14	45.59	0.408
47	45.32	0.700
44	45.10	0.943
<b>Std Dev</b>	<b>45.05</b>	<b>1.000</b>
107	44.90	1.164
63	44.46	1.649
63	44.37	1.748
65	43.05	3.204

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	
43	42.01	-2.894
140	41.72	-1.731
31	41.65	-1.455
<b>Std Dev</b>	<b>41.53</b>	<b>-1.000</b>
24	41.49	-0.844
24	41.47	-0.746
113	41.33	-0.214
43	41.32	-0.155
220	41.28	0.000
<b>Median</b>	<b>41.28</b>	<b>0.000</b>
23	41.26	0.062
23	41.18	0.377
14	41.15	0.515
14	41.13	0.574
<b>Std Dev</b>	<b>41.02</b>	<b>1.000</b>
61	40.99	1.126
61	40.96	1.264
32	40.95	1.284

048.30	Water Soluble Phosphate	
Lab	Alka. Quimociac	
111	40.55	0.000
<b>Median</b>	<b>40.55</b>	<b>0.000</b>

048.99	Water Soluble Phosphate	
Lab	Other	
123	43.21	-2.231
<b>Std Dev</b>	<b>42.28</b>	<b>-1.000</b>
9	41.52	0.000
<b>Median</b>	<b>41.52</b>	<b>0.000</b>
34	41.18	0.449

048.XX	Water Soluble Phosphate	
Lab	Total Method	
123	43.21	-7.053
43	42.01	-2.677
140	41.72	-1.602
31	41.65	-1.346
<b>Std Dev</b>	<b>41.55</b>	<b>-1.000</b>
9	41.52	-0.891
24	41.49	-0.781
24	41.47	-0.690
113	41.33	-0.198
43	41.32	-0.143
220	41.28	0.000
<b>Median</b>	<b>41.28</b>	<b>0.000</b>
23	41.26	0.057
23	41.18	0.349
34	41.18	0.349
14	41.15	0.477
14	41.13	0.531
<b>Std Dev</b>	<b>41.00</b>	<b>1.000</b>
61	40.99	1.042
61	40.96	1.170
32	40.95	1.188
111	40.55	2.646

050.30	Soluble Potash	
Lab	Atomic Absorption(Oxalate)	
95	1.43	0.000
<b>Median</b>	<b>1.43</b>	<b>0.000</b>

050.50	%K <sub>2</sub> O	Soluble Potash
Lab		ICP(Oxalate)
23	0.11	0.000
23	0.11	0.000
<b>Median</b>	<b>0.11</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.10</b>	<b>1.000</b>
28	0.07	2.680

050.60	Soluble Potash	
Lab	%K <sub>2</sub> O	Flame Photometric(Oxalate)
241	0.14	0.000
<b>Median</b>	<b>0.14</b>	<b>0.000</b>

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
24	0.12	-1.614
<b>Std Dev</b>	<b>0.11</b>	<b>-1.000</b>
61	0.11	0.000
61	0.11	0.000
<b>Median</b>	<b>0.11</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.11</b>	<b>1.000</b>
102	0.11	1.340
24	0.10	3.229

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
95	1.43	-257.749
241	0.14	-5.858
<b>Std Dev</b>	<b>0.12</b>	<b>-1.000</b>
24	0.12	-0.976
23	0.11	0.000
23	0.11	0.000
61	0.11	0.000
61	0.11	0.000
<b>Median</b>	<b>0.11</b>	<b>0.000</b>
102	0.11	0.810
<b>Std Dev</b>	<b>0.10</b>	<b>1.000</b>
24	0.10	1.953
28	0.07	7.811

060.00 Free Water		
Lab	Vacuum Oven	
28	2.45	-2.940
220	2.39	-2.612
31	2.31	-2.174
<b>Std Dev</b>	<b>2.09</b>	<b>-1.000</b>
24	2.09	-0.971
23	2.05	-0.752
24	2.02	-0.588
23	2.00	-0.479
32	1.99	-0.451
43	1.93	-0.096
<b>Median</b>	<b>1.91</b>	<b>0.000</b>
9	1.89	0.096
123	1.86	0.260
140	1.84	0.369
113	1.82	0.506

111	1.79	0.670
14	1.77	0.779
14	1.76	0.807
34	1.76	0.807
<b>Std Dev</b>	<b>1.72</b>	<b>1.000</b>
43	1.51	2.174

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.27	-1.942
<b>Std Dev</b>	<b>2.03</b>	<b>-1.000</b>
61	1.88	-0.384
<b>Median</b>	<b>1.79</b>	<b>0.000</b>
241	1.69	0.384
<b>Std Dev</b>	<b>1.54</b>	<b>1.000</b>
237	1.51	1.112

060.XX Free Water		
Lab	Total Method	
28	2.45	-2.805
220	2.39	-2.505
31	2.31	-2.104
61	2.27	-1.904
24	2.09	-1.002
<b>Std Dev</b>	<b>2.08</b>	<b>-1.000</b>
23	2.05	-0.801
24	2.02	-0.651
23	2.00	-0.551
32	1.99	-0.526
43	1.93	-0.200
9	1.89	-0.025
<b>Median</b>	<b>1.89</b>	<b>0.000</b>
61	1.88	0.025
123	1.86	0.125
140	1.84	0.225
113	1.82	0.351
111	1.79	0.501
14	1.77	0.601
14	1.76	0.626
34	1.76	0.626
241	1.69	0.977
<b>Std Dev</b>	<b>1.69</b>	<b>1.000</b>
43	1.51	1.879
237	1.51	1.879

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
43	0.36	-7.669
<b>Std Dev</b>	<b>0.23</b>	<b>-1.000</b>
24	0.23	-0.975
28	0.23	-0.975
34	0.22	-0.731
61	0.22	-0.731
23	0.21	-0.244
24	0.21	-0.244
31	0.21	-0.244
61	0.21	-0.244
<b>Median</b>	<b>0.21</b>	<b>0.000</b>
23	0.20	0.244
9	0.20	0.487
14	0.19	0.731
14	0.19	0.731
237	0.19	0.731
39	0.19	0.804
32	0.19	0.975
<b>Std Dev</b>	<b>0.18</b>	<b>1.000</b>
102	0.18	1.296
43	0.18	1.381

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
43	0.36	-7.669
<b>Std Dev</b>	<b>0.23</b>	<b>-1.000</b>
24	0.23	-0.975
28	0.23	-0.975
34	0.22	-0.731
61	0.22	-0.731
23	0.21	-0.244
24	0.21	-0.244
31	0.21	-0.244
61	0.21	-0.244
<b>Median</b>	<b>0.21</b>	<b>0.000</b>
23	0.20	0.244
9	0.20	0.487
14	0.19	0.731
14	0.19	0.731
237	0.19	0.731
39	0.19	0.804

32	0.19	0.975
<b>Std Dev</b>	<b>0.18</b>	<b>1.000</b>
102	0.18	1.296
43	0.18	1.381

121.00 Acid Soluble Magnesium		
Lab	%MgO	Atomic Absorption
241	1.13	0.000
<b>Median</b>	<b>1.13</b>	<b>0.000</b>

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
43	1.28	-4.925
24	1.16	-1.594
24	1.16	-1.449
23	1.16	-1.449
23	1.14	-1.014
<b>Std Dev</b>	<b>1.14</b>	<b>-1.000</b>
34	1.13	-0.724
9	1.12	-0.435
61	1.11	-0.145
14	1.11	0.000
237	1.11	0.000
<b>Median</b>	<b>1.11</b>	<b>0.000</b>
102	1.10	0.156
14	1.10	0.290
31	1.10	0.290
39	1.09	0.435
61	1.08	0.869
<b>Std Dev</b>	<b>1.07</b>	<b>1.000</b>
32	1.05	1.594
28	1.04	2.028
43	1.02	2.463

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
43	1.28	-5.360
24	1.16	-1.734
24	1.16	-1.576
23	1.16	-1.576
23	1.14	-1.104
<b>Std Dev</b>	<b>1.14</b>	<b>-1.000</b>
34	1.13	-0.788
241	1.13	-0.788

9	1.12	-0.473
61	1.11	-0.158
14	1.11	0.000
237	1.11	0.000
<b>Median</b>	<b>1.11</b>	<b>0.000</b>
102	1.10	0.170
14	1.10	0.315
31	1.10	0.315
39	1.09	0.473
61	1.08	0.946
<b>Std Dev</b>	<b>1.07</b>	<b>1.000</b>
32	1.05	1.734
28	1.04	2.207
43	1.02	2.680

144..01		Sulfate Sulfur (S)
Lab		Gravimetric
241	5.19	-5.100
<b>Std Dev</b>	<b>2.33</b>	<b>-1.000</b>
61	1.65	-0.020
<b>Median</b>	<b>1.63</b>	<b>0.000</b>
220	1.62	0.020
61	1.54	0.137

144.70		Sulfur
Lab		Spectrometric
14	1.63	0.000
14	1.63	0.000
<b>Median</b>	<b>1.63</b>	<b>0.000</b>

144.99		Sulfate Sulfur (S)
Lab		Other
23	1.67	-0.819
34	1.66	-0.670
23	1.65	-0.223
24	1.65	-0.223
<b>Median</b>	<b>1.64</b>	<b>0.000</b>
24	1.63	0.223
9	1.62	0.521
<b>Std Dev</b>	<b>1.60</b>	<b>1.000</b>
31	1.56	2.457
32	1.52	3.400

144.XX		Sulfate Sulfur (S)
Lab		Total Method
241	5.19	-172.684
23	1.67	-1.698
34	1.66	-1.455
<b>Std Dev</b>	<b>1.65</b>	<b>-1.000</b>
23	1.65	-0.728
24	1.65	-0.728
61	1.65	-0.728
14	1.63	0.000
14	1.63	0.000
24	1.63	0.000
<b>Median</b>	<b>1.63</b>	<b>0.000</b>
9	1.62	0.485
220	1.62	0.655
<b>Std Dev</b>	<b>1.61</b>	<b>1.000</b>
31	1.56	3.638
61	1.54	4.608
32	1.52	5.174

145.99		Total Sulfur (S)
Lab		Other
43	1.87	-0.779
111	1.83	-0.578
<b>Median</b>	<b>1.72</b>	<b>0.000</b>
43	1.60	0.578
<b>Std Dev</b>	<b>1.52</b>	<b>1.000</b>
102	1.49	1.116

145.XX		Total Sulfur (S)
Lab		Total Method
43	1.87	-0.779
111	1.83	-0.578
<b>Median</b>	<b>1.72</b>	<b>0.000</b>
43	1.60	0.578
<b>Std Dev</b>	<b>1.52</b>	<b>1.000</b>
102	1.49	1.116

151.30		Total Arsenic
Lab		ICP
102	12.85	-0.621
28	12.70	-0.439
64	12.34	0.000
<b>Median</b>	<b>12.34</b>	<b>0.000</b>

24	11.60	0.901
<b>Std Dev</b>	<b>11.52</b>	<b>1.000</b>
61	4.00	10.160

151.XX		Total Arsenic
Lab		Total Method
102	12.85	-0.621
28	12.70	-0.439
64	12.34	0.000
<b>Median</b>	<b>12.34</b>	<b>0.000</b>
24	11.60	0.901
<b>Std Dev</b>	<b>11.52</b>	<b>1.000</b>
61	4.00	10.160

165.99		Acid Soluble Boron
Lab	PPM	Other
102	33.25	-1.340
<b>Std Dev</b>	<b>33.23</b>	<b>-1.000</b>
<b>Median</b>	<b>33.18</b>	<b>0.000</b>
<b>Std Dev</b>	<b>33.12</b>	<b>1.000</b>
24	33.10	1.340

165.XX, ppm		Acid Soluble Boron
Lab	PPM	Total Method
102	33.25	-1.340
<b>Std Dev</b>	<b>33.23</b>	<b>-1.000</b>
<b>Median</b>	<b>33.18</b>	<b>0.000</b>
<b>Std Dev</b>	<b>33.12</b>	<b>1.000</b>
24	33.10	1.340

181.00		Total Cadmium
Lab		Atomic Absorbion
220	4.51	0.000
<b>Median</b>	<b>4.51</b>	<b>0.000</b>

181.30		Total Cadmium
Lab	PPM	ICP
61	4.00	-1.096
61	4.00	-1.096
<b>Std Dev</b>	<b>3.96</b>	<b>-1.000</b>
9	3.95	-0.975
31	3.70	-0.365
28	3.55	0.000
<b>Median</b>	<b>3.55</b>	<b>0.000</b>

102	3.49	0.146
237	3.40	0.365
<b>Std Dev</b>	<b>3.14</b>	<b>1.000</b>
43	2.75	1.949
43	2.75	1.949

181.99		Total Cadmium
Lab		Other
24	3.47	0.000
<b>Median</b>	<b>3.47</b>	<b>0.000</b>

181.XX		Total Cadmium
Lab	PPM	Total Method
220	4.51	-2.370
61	4.00	-1.117
61	4.00	-1.117
<b>Std Dev</b>	<b>3.95</b>	<b>-1.000</b>
9	3.95	-0.993
31	3.70	-0.372
28	3.55	0.000
<b>Median</b>	<b>3.55</b>	<b>0.000</b>
102	3.49	0.149
24	3.47	0.199
237	3.40	0.372
<b>Std Dev</b>	<b>3.15</b>	<b>1.000</b>
43	2.75	1.985
43	2.75	1.985

190.00		Aluminum
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
9	1.76	-2.848
14	1.75	-2.513
14	1.75	-2.345
<b>Std Dev</b>	<b>1.70</b>	<b>-1.000</b>
237	1.70	-0.670
34	1.69	-0.503
31	1.69	-0.335
23	1.68	-0.168
102	1.68	-0.168
61	1.68	0.000
<b>Median</b>	<b>1.68</b>	<b>0.000</b>
24	1.67	0.167
23	1.67	0.335
24	1.65	0.837

32	1.65	0.837
Std Dev	1.65	1.000
28	1.65	1.005
43	1.64	1.340
61	1.61	2.345
43	1.07	20.435

190.99 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Atomic Absorption
241	1.81	0.000
Median	1.81	0.000

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
241	1.81	-4.058
9	1.76	-2.527
14	1.75	-2.221
14	1.75	-2.067
Std Dev	1.71	-1.000
237	1.70	-0.536
34	1.69	-0.383
31	1.69	-0.230
23	1.68	-0.077
102	1.68	-0.077
Median	1.68	0.000

61	1.68	0.077
24	1.67	0.230
23	1.67	0.383
24	1.65	0.842
32	1.65	0.842
28	1.65	0.995
Std Dev	1.64	1.000
43	1.64	1.302
61	1.61	2.221
43	1.07	18.760

191.30 Total Chromium		
Lab		ICP
9	90.00	-1.094
Std Dev	89.66	-1.000
64	89.05	-0.833
237	89.00	-0.820
31	88.30	-0.629
61	86.00	0.000

61	86.00	0.000
Median	86.00	0.000
28	85.95	0.014
102	83.25	0.752
Std Dev	82.34	1.000
43	82.00	1.094
43	79.50	1.778

191.99 Total Chromium		
Lab	PPM	Other
24	82.70	0.000
Median	82.70	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
9	90.00	-0.944
64	89.05	-0.719
237	89.00	-0.708
31	88.30	-0.543
61	86.00	0.000
61	86.00	0.000
Median	86.00	0.000
28	85.95	0.012
102	83.25	0.649
24	82.70	0.779
43	82.00	0.944
Std Dev	81.76	1.000
43	79.50	1.535

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
9	4.15	-3.424
64	4.03	-3.067
28	3.40	-1.191
Std Dev	3.34	-1.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
102	2.95	0.149
237	2.70	0.893
Std Dev	2.66	1.000
43	2.50	1.489

202.99 Acid Soluble Cobalt		
Lab		Other
24	2.81	0.000
Median	2.81	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
9	4.15	-3.359
64	4.03	-3.009
28	3.40	-1.168
Std Dev	3.34	-1.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
102	2.95	0.146
24	2.81	0.570
237	2.70	0.876
Std Dev	2.66	1.000
43	2.50	1.460

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
241	1.49	-1.340
Std Dev	1.47	-1.000
Median	1.39	0.000
Std Dev	1.32	1.000
220	1.29	1.340

221.30 Acid Soluble Copper		
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
237	10.50	-2.128
28	9.05	-1.619
Std Dev	7.29	-1.000
61	4.50	-0.023
Median	4.44	0.000
102	4.37	0.023
9	4.00	0.153
61	4.00	0.153

221.99 Acid Soluble Copper		
Lab		Other

24	3.84	0.000
Median	3.84	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
237	10.50	-2.960
28	9.05	-2.260
Std Dev	6.44	-1.000
61	4.50	-0.063
102	4.37	0.000
Median	4.37	0.000
9	4.00	0.179
61	4.00	0.179
24	3.84	0.256

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
24	1.41	-0.876
24	1.41	-0.773
23	1.40	-0.670
32	1.40	-0.670
34	1.40	-0.670
23	1.39	-0.361
31	1.38	-0.258
39	1.38	-0.258
237	1.37	-0.052
Median	1.37	0.000
14	1.37	0.052
61	1.37	0.052
14	1.36	0.155
61	1.34	0.670
9	1.33	0.773
Std Dev	1.32	1.000
43	1.31	1.288
43	1.31	1.288
102	1.24	2.569
28	1.23	2.938

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
241	1.49	-2.153
Std Dev	1.42	-1.000

24	1.41	-0.747
24	1.41	-0.659
23	1.40	-0.571
32	1.40	-0.571
34	1.40	-0.571
23	1.39	-0.308
31	1.38	-0.220
39	1.38	-0.220
237	1.37	-0.044
<b>Median</b>	<b>1.37</b>	<b>0.000</b>
14	1.37	0.044
61	1.37	0.044
14	1.36	0.132
61	1.34	0.571
9	1.33	0.659
<b>Std Dev</b>	<b>1.31</b>	<b>1.000</b>
43	1.31	1.098
43	1.31	1.098
220	1.29	1.300
102	1.24	2.190
28	1.23	2.504

251.30		Total Lead	
Lab	PPM	ICP	
102	2.23	-1.936	
43	2.00	-1.489	
<b>Std Dev</b>	<b>1.75</b>	<b>-1.000</b>	
43	1.50	-0.496	
237	1.25	0.000	
<b>Median</b>	<b>1.25</b>	<b>0.000</b>	
28	1.15	0.199	
61	1.00	0.496	
61	1.00	0.496	

251.99		Total Lead	
Lab	PPM	Other	
24	0.70	0.000	
<b>Median</b>	<b>0.70</b>	<b>0.000</b>	

251.XX		Total Lead	
Lab	PPM	Total Method	
102	2.23	-2.198	
43	2.00	-1.715	
<b>Std Dev</b>	<b>1.67</b>	<b>-1.000</b>	

43	1.50	-0.643
237	1.25	-0.107
<b>Median</b>	<b>1.20</b>	<b>0.000</b>
28	1.15	0.107
61	1.00	0.429
61	1.00	0.429
<b>Std Dev</b>	<b>0.73</b>	<b>1.000</b>
24	0.70	1.083

261.30		Acid Soluble Manganese	
Lab	PPM	ICP	
9	340.50	-0.845	
31	335.00	-0.579	
<b>Median</b>	<b>323.00</b>	<b>0.000</b>	
39	311.00	0.579	
<b>Std Dev</b>	<b>302.29</b>	<b>1.000</b>	
102	301.50	1.038	

261.99		Acid Soluble Manganese	
Lab	PPM	Other	
43	332.50	-1.386	
<b>Std Dev</b>	<b>328.32</b>	<b>-1.000</b>	
43	327.00	-0.878	
61	317.50	0.000	
<b>Median</b>	<b>317.50</b>	<b>0.000</b>	
61	312.50	0.462	
<b>Std Dev</b>	<b>306.68</b>	<b>1.000</b>	
24	296.50	1.941	

261.XX		Acid Soluble Manganese	
Lab	PPM	Total Method	
9	340.50	-1.433	
31	335.00	-1.091	
<b>Std Dev</b>	<b>333.54</b>	<b>-1.000</b>	
43	332.50	-0.935	
43	327.00	-0.592	
61	317.50	0.000	
<b>Median</b>	<b>317.50</b>	<b>0.000</b>	
61	312.50	0.312	
39	311.00	0.405	
102	301.50	0.997	
<b>Std Dev</b>	<b>301.46</b>	<b>1.000</b>	
24	296.50	1.309	

271.30		Water Soluble Manganese	
Lab	PPM	ICP	
28	328.15	0.000	
<b>Median</b>	<b>328.15</b>	<b>0.000</b>	

271.XX		Water Soluble Manganese	
Lab	PPM	Total Method	
28	328.15	0.000	
<b>Median</b>	<b>328.15</b>	<b>0.000</b>	

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

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

281.XX		Total Mercury	
Lab	PPM	Total Method	
102	<0.4	0.000	
24	<0.07	0.000	
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

289.30		Total Molybdenum	
Lab	PPM	ICP	
61	15.00	-1.005	
<b>Std Dev</b>	<b>15.00</b>	<b>-1.000</b>	

289.99		Total Molybdenum	
Lab	PPM	Other	
24	13.90	0.000	
<b>Median</b>	<b>13.90</b>	<b>0.000</b>	

289.XX		Total Molybdenum	
Lab	PPM	Total Method	
61	15.00	-1.898	
102	14.80	-1.452	
<b>Std Dev</b>	<b>14.60</b>	<b>-1.000</b>	
9	14.50	-0.782	
61	14.50	-0.782	
28	14.15	0.000	
<b>Median</b>	<b>14.15</b>	<b>0.000</b>	

24	13.90	0.558
43	13.90	0.558
<b>Std Dev</b>	<b>13.70</b>	<b>1.000</b>
237	13.00	2.568
43	9.00	11.502

291.30		Total Nickel	
Lab	PPM	ICP	
43	17.50	-2.233	
9	16.60	-1.563	
28	15.95	-1.079	
<b>Std Dev</b>	<b>15.84</b>	<b>-1.000</b>	
64	15.24	-0.547	
61	14.50	0.000	
61	14.50	0.000	
<b>Median</b>	<b>14.50</b>	<b>0.000</b>	
102	14.15	0.261	
43	14.00	0.372	
237	14.00	0.372	

291.99		Total Nickel	
Lab	PPM	Other	
24	15.20	0.000	
<b>Median</b>	<b>15.20</b>	<b>0.000</b>	

291.XX		Total Nickel	
Lab	PPM	Total Method	
43	17.50	-2.315	
9	16.60	-1.529	
<b>Std Dev</b>	<b>15.99</b>	<b>-1.000</b>	
28	15.95	-0.961	
64	15.24	-0.336	
24	15.20	-0.306	
<b>Median</b>	<b>14.85</b>	<b>0.000</b>	
61	14.50	0.306	
61	14.50	0.306	
102	14.15	0.612	
43	14.00	0.743	
237	14.00	0.743	

301.30		Total Selenium	
Lab	PPM	ICP	
24	<0.50	0.000	
102	1.88	0.000	

Median	1.88	0.000
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301.XX	Total Selenium	
Lab	PPM	Total Mthod
24	<0.50	0.000
102	1.88	0.000
Median	1.88	0.000

311.00	Sodium	
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.13	-1.340
Std Dev	0.13	-1.000
Median	0.12	0.000
Std Dev	0.10	1.000
241	0.10	1.340

311.99	Sodium	
Lab	%Na <sub>2</sub> O	Other
24	0.19	-3.484
24	0.15	-1.608
Std Dev	0.14	-1.000
28	0.13	-0.268
23	0.12	0.000
Median	0.12	0.000
23	0.12	0.268
61	0.11	0.536
Std Dev	0.10	1.000
102	0.09	1.761

311.XX	Sodium	
Lab	%Na <sub>2</sub> O	Total Method
24	0.19	-4.355
24	0.15	-2.010
Std Dev	0.13	-1.000
61	0.13	-0.670
28	0.13	-0.335
23	0.12	0.000
Median	0.12	0.000
23	0.12	0.335
61	0.11	0.670
Std Dev	0.11	1.000
241	0.10	1.340
102	0.09	2.201

321.30	Acid Soluble Zinc	
Lab	PPM	ICP
64	70.57	-1.423
28	70.00	-1.345
Std Dev	67.47	-1.000
237	66.00	-0.799
9	61.00	-0.116
Median	60.15	0.000
24	59.30	0.116
102	57.25	0.396
61	57.00	0.430
61	56.00	0.567

321.99	Acid Soluble Zinc	
Lab	Other	
43	58.00	-1.340
Std Dev	57.81	-1.000
Median	57.25	0.000
Std Dev	56.69	1.000
43	56.50	1.340

321.XX	Acid Soluble Zinc	
Lab	PPM	Total Method
64	70.57	-2.078
28	70.00	-1.978
237	66.00	-1.281
Std Dev	64.39	-1.000
9	61.00	-0.410
24	59.30	-0.113
Median	58.65	0.000
43	58.00	0.113
102	57.25	0.244
61	57.00	0.288
43	56.50	0.375
61	56.00	0.462

325.10	Fluoride	
Lab	%	Electrode
111	1.85	-3.193
23	1.54	-0.256
23	1.53	-0.163
24	1.53	-0.163
32	1.52	-0.070
220	1.52	-0.070

Median	1.51	0.000
24	1.50	0.070
31	1.44	0.629
34	1.39	1.095
102	1.36	1.422
237	1.34	1.608
14	1.20	2.866

325.99	Fluoride	
Lab	%	Other
61	1.52	-0.124
61	1.51	0.000
Median	1.51	0.000
14	1.20	2.556

325.XX	Fluoride	
Lab	%	Total Method
111	1.85	-3.082
23	1.54	-0.268
23	1.53	-0.179
24	1.53	-0.179
61	1.52	-0.134
32	1.52	-0.089
220	1.52	-0.089
61	1.51	0.000
Median	1.51	0.000
24	1.50	0.045
31	1.44	0.581
34	1.39	1.027
102	1.36	1.340
237	1.34	1.519
14	1.20	2.725
14	1.20	2.769