

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
242	18.23	-1.667
<b>Std Dev</b>	<b>17.90</b>	<b>-1.000</b>
31	17.41	0.000
<b>Median</b>	<b>17.41</b>	<b>0.000</b>
<b>Std Dev</b>	<b>16.92</b>	<b>1.000</b>
49	16.92	1.013

001.99 Ammoniacal Nitrogen		
Lab	Other	
38	17.49	-0.984
253	17.32	-0.027
61	17.31	0.000
61	17.31	0.000
<b>Median</b>	<b>17.31</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.13</b>	<b>1.000</b>
24	17.10	1.176
24	17.04	1.477
124	9.41	43.208

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
242	18.23	-3.688
<b>Std Dev</b>	<b>17.56</b>	<b>-1.000</b>
38	17.49	-0.725
31	17.41	-0.403
253	17.32	-0.020
61	17.31	0.000
61	17.31	0.000
<b>Median</b>	<b>17.31</b>	<b>0.000</b>
24	17.10	0.866
<b>Std Dev</b>	<b>17.06</b>	<b>1.000</b>
24	17.04	1.088
49	16.92	1.592
124	9.41	31.838

002.99 Nitrate Nitrogen		
Lab	Other	
38	0.12	0.000
<b>Median</b>	<b>0.12</b>	<b>0.000</b>

002.XX Nitrate Nitrogen		
Lab	Total Method	

38	0.12	0.000
<b>Median</b>	<b>0.12</b>	<b>0.000</b>

010.10 Total Nitrogen		
Lab	Reduced Iron	
79	17.81	-1.340
<b>Std Dev</b>	<b>17.77</b>	<b>-1.000</b>
<b>Median</b>	<b>17.68</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.58</b>	<b>1.000</b>
113	17.55	1.340

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
18	17.94	-3.886
<b>Std Dev</b>	<b>17.83</b>	<b>-1.000</b>
92	17.81	-0.402
40	17.79	0.000
<b>Median</b>	<b>17.79</b>	<b>0.000</b>
49	17.76	0.938
<b>Std Dev</b>	<b>17.75</b>	<b>1.000</b>
253	17.59	5.360

010.60 Total Nitrogen		
Lab	Combustion	
102	18.30	-4.309
38	18.16	-3.109
63	18.01	-1.780
31	18.00	-1.737
104	17.93	-1.093
<b>Std Dev</b>	<b>17.91</b>	<b>-1.000</b>
42	17.89	-0.793
63	17.89	-0.750
34	17.86	-0.536
35	17.86	-0.493
39	17.85	-0.407
24	17.82	-0.150
14	17.81	-0.064
24	17.81	-0.064
64	17.81	-0.064
<b>Median</b>	<b>17.80</b>	<b>0.000</b>
14	17.79	0.064
65	17.77	0.279
123	17.77	0.279
9	17.75	0.407

99	17.74	0.536
44	17.73	0.622
66	17.72	0.665
<b>Std Dev</b>	<b>17.68</b>	<b>1.000</b>
49	17.68	1.008
111	17.68	1.008
96	17.65	1.308
103	17.58	1.865
87	17.45	3.023
95	17.35	3.838
110	15.95	15.844

010.99 Total Nitrogen		
Lab	Other	
23	17.56	-1.340
<b>Std Dev</b>	<b>17.55</b>	<b>-1.000</b>
<b>Median</b>	<b>17.52</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.49</b>	<b>1.000</b>
23	17.49	1.340

010.XX Total Nitrogen		
Lab	Total Method	
102	18.30	-3.905
38	18.16	-2.833
63	18.01	-1.646
31	18.00	-1.608
18	17.94	-1.110
104	17.93	-1.034
<b>Std Dev</b>	<b>17.92</b>	<b>-1.000</b>
42	17.89	-0.766
63	17.89	-0.727
34	17.86	-0.536
35	17.86	-0.498
39	17.85	-0.421
24	17.82	-0.191
14	17.81	-0.115
24	17.81	-0.115
64	17.81	-0.115
79	17.81	-0.115
92	17.81	-0.115
14	17.79	0.000
40	17.79	0.000
<b>Median</b>	<b>17.79</b>	<b>0.000</b>
65	17.77	0.191

123	17.77	0.191
49	17.76	0.268
9	17.75	0.306
99	17.74	0.421
44	17.73	0.498
66	17.72	0.536
49	17.68	0.842
111	17.68	0.842
<b>Std Dev</b>	<b>17.66</b>	<b>1.000</b>
96	17.65	1.110
253	17.59	1.531
103	17.58	1.608
23	17.56	1.761
113	17.55	1.838
23	17.49	2.335
87	17.45	2.642
95	17.35	3.369
110	15.95	14.089

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
103	46.10	-1.814
<b>Std Dev</b>	<b>45.95</b>	<b>-1.000</b>
79	45.92	-0.812
35	45.86	-0.487
<b>Median</b>	<b>45.77</b>	<b>0.000</b>
40	45.68	0.487
113	45.65	0.650
18	45.59	0.975

020.20 Total Phosphate		
Lab	Spectrometric	
242	46.39	-3.119
95	46.00	-1.681
92	45.95	-1.494
99	45.90	-1.307
<b>Std Dev</b>	<b>45.82</b>	<b>-1.000</b>
24	45.68	-0.467
31	45.67	-0.430
18	45.64	-0.336
9	45.59	-0.149
<b>Median</b>	<b>45.55</b>	<b>0.000</b>
102	45.51	0.149
34	45.50	0.187

253	45.45	0.379
23	45.38	0.654
23	45.37	0.691
110	45.30	0.934
Std Dev	45.28	1.000
24	45.28	1.027
123	45.21	1.289

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	45.84	0.000
Median	45.84	0.000

020.40	Total Phosphate	
Lab	Automated	
96	46.22	-5.607
Std Dev	45.57	-1.000
14	45.52	-0.670
14	45.43	0.000
Median	45.43	0.000
61	45.33	0.670
61	45.32	0.741

020.99	Total Phosphate	
Lab	Other	
124	45.72	0.000
Median	45.72	0.000

020.XX	Total Phosphate	
Lab	Total Method	
242	46.39	-2.322
96	46.22	-1.807
103	46.10	-1.433
95	46.00	-1.122
Std Dev	45.96	-1.000
92	45.95	-0.966
79	45.92	-0.857
99	45.90	-0.810
35	45.86	-0.670
111	45.84	-0.608
124	45.72	-0.249
24	45.68	-0.109
40	45.68	-0.109
31	45.67	-0.078

113	45.65	-0.016
18	45.64	0.000
Median	45.64	0.000
9	45.59	0.156
18	45.59	0.171
14	45.52	0.374
102	45.51	0.405
34	45.50	0.436
253	45.45	0.597
14	45.43	0.670
23	45.38	0.826
23	45.37	0.857
61	45.33	0.966
61	45.32	0.997
Std Dev	45.32	1.000
110	45.30	1.060
24	45.28	1.137
123	45.21	1.356

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
113	0.53	-1.340
Std Dev	0.47	-1.000
Median	0.33	0.000
Std Dev	0.18	1.000
79	0.13	1.340

030.20	Insoluble Phosphate	
Lab	Spectrometric	
253	0.73	-2.380
24	0.56	-1.301
24	0.52	-1.022
Std Dev	0.51	-1.000
23	0.37	-0.124
Median	0.35	0.000
23	0.33	0.124
9	0.31	0.248
31	0.31	0.248
18	0.29	0.372

030.40	Insoluble Phosphate	
Lab	Automated	
61	0.41	0.000
Median	0.41	0.000

030.50	Insoluble Phosphate	
Lab	ICP	
34	0.87	-2.487
Std Dev	0.60	-1.000
14	0.42	0.000
Median	0.42	0.000
14	0.39	0.193

030.XX	Insoluble Phosphate	
Lab	Total Method	
34	0.87	-3.051
253	0.73	-2.174
24	0.56	-1.049
Std Dev	0.55	-1.000
113	0.53	-0.823
24	0.52	-0.759
14	0.42	-0.145
61	0.41	-0.081
Median	0.40	0.000
14	0.39	0.081
23	0.37	0.178
23	0.33	0.436
9	0.31	0.565
31	0.31	0.565
18	0.29	0.694
Std Dev	0.24	1.000
79	0.13	1.727

040.10	Indirect Available Phosphate	
Lab	Gravimetric Quimociac	
79	45.79	-1.340
Std Dev	45.70	-1.000
Median	45.45	0.000
Std Dev	45.20	1.000
113	45.12	1.340

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
31	45.36	-1.227
18	45.35	-1.189
Std Dev	45.30	-1.000
24	45.12	-0.302
123	45.12	-0.302

23	45.04	0.000
Median	45.04	0.000
23	45.01	0.113
Std Dev	44.77	1.000
24	44.76	1.038
253	44.72	1.208
34	44.63	1.529

040.40	Indirect Available Phosphate	
Lab	Automated	
14	45.06	-0.796
14	45.04	-0.637
Median	44.98	0.000
61	44.92	0.637
61	44.91	0.743

040.99	Indirect Available Phosphate	
Lab	Other	
9	45.28	0.000
Median	45.28	0.000

040.XX	Indirect Available Phosphate	
Lab	Total Method	
79	45.79	-4.096
31	45.36	-1.736
18	45.35	-1.680
9	45.28	-1.264
Std Dev	45.23	-1.000
113	45.12	-0.403
24	45.12	-0.375
123	45.12	-0.375
14	45.06	-0.042
Median	45.05	0.000
14	45.04	0.042
23	45.04	0.069
23	45.01	0.236
61	44.92	0.708
61	44.91	0.764
Std Dev	44.87	1.000
24	44.76	1.597
253	44.72	1.847
34	44.63	2.319

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
119	45.67	-2.787
104	45.35	-1.662
<b>Std Dev</b>	<b>45.16</b>	<b>-1.000</b>
39	45.08	-0.679
44	44.89	0.000
<b>Median</b>	<b>44.89</b>	<b>0.000</b>
65	44.85	0.125
87	44.83	0.214
49	44.78	0.393

041.40 Direct Available Phosphate		
Lab	Automated	
42	46.55	-2.108
<b>Std Dev</b>	<b>45.79</b>	<b>-1.000</b>
39	45.39	-0.414
<b>Median</b>	<b>45.11</b>	<b>0.000</b>
38	44.83	0.414
49	44.59	0.766

041.50 Direct Available Phosphate		
Lab	ICP	
66	44.87	-0.316
63	44.81	-0.181
<b>Median</b>	<b>44.72</b>	<b>0.000</b>
63	44.63	0.181
<b>Std Dev</b>	<b>44.23</b>	<b>1.000</b>
87	42.81	3.958

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
65	45.49	-2.585
<b>Std Dev</b>	<b>45.24</b>	<b>-1.000</b>
64	45.08	0.000
<b>Median</b>	<b>45.08</b>	<b>0.000</b>
29	45.07	0.095

041.XX Direct Available Phosphate		
Lab	Total Method	
42	46.55	-4.729
119	45.67	-2.233
65	45.49	-1.737
39	45.39	-1.453

104	45.35	-1.340
<b>Std Dev</b>	<b>45.23</b>	<b>-1.000</b>
64	45.08	-0.574
39	45.08	-0.560
29	45.07	-0.532
44	44.89	-0.021
<b>Median</b>	<b>44.88</b>	<b>0.000</b>
66	44.87	0.021
65	44.85	0.078
38	44.83	0.149
87	44.83	0.149
63	44.81	0.206
49	44.78	0.291
63	44.63	0.702
49	44.59	0.830
<b>Std Dev</b>	<b>44.52</b>	<b>1.000</b>
87	42.81	5.878

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
79	41.04	-1.340
<b>Std Dev</b>	<b>41.00</b>	<b>-1.000</b>
<b>Median</b>	<b>40.89</b>	<b>0.000</b>
<b>Std Dev</b>	<b>40.78</b>	<b>1.000</b>
113	40.74	1.340

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
123	41.28	-4.211
31	40.70	-1.622
23	40.60	-1.149
24	40.57	-1.036
<b>Std Dev</b>	<b>40.56</b>	<b>-1.000</b>
23	40.50	-0.698
9	40.34	0.000
<b>Median</b>	<b>40.34</b>	<b>0.000</b>
24	40.33	0.068
124	40.30	0.180
34	40.27	0.315
253	40.18	0.723
<b>Std Dev</b>	<b>40.12</b>	<b>1.000</b>
18	40.06	1.261

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	42.21	0.000
<b>Median</b>	<b>42.21</b>	<b>0.000</b>

048.99 Water Soluble Phosphate		
Lab	Other	
61	40.24	-1.124
<b>Std Dev</b>	<b>40.22</b>	<b>-1.000</b>
14	40.17	-0.600
<b>Median</b>	<b>40.09</b>	<b>0.000</b>
61	40.01	0.600
14	40.01	0.637

048.XX Water Soluble Phosphate		
Lab	Total Method	
111	42.21	-5.251
123	41.28	-2.636
79	41.04	-1.965
113	40.74	-1.140
31	40.70	-1.028
<b>Std Dev</b>	<b>40.69</b>	<b>-1.000</b>
23	40.60	-0.734
24	40.57	-0.664
23	40.50	-0.454
9	40.34	-0.021
<b>Median</b>	<b>40.33</b>	<b>0.000</b>
24	40.33	0.021
124	40.30	0.091
34	40.27	0.175
61	40.24	0.259
253	40.18	0.428
14	40.17	0.454
18	40.06	0.762
61	40.01	0.902
14	40.01	0.916

050.00 Soluble Potash		
Lab	STPB Oxalate	
87	<0.1	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

050.51 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Citrate)	
113	2.47	0.025
113	2.46	0.074

87	0.10	0.000
<b>Median</b>	<b>0.10</b>	<b>0.000</b>

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
23	0.14	-0.848
23	0.14	-0.848
24	0.14	-0.848
102	0.14	-0.492
<b>Median</b>	<b>0.13</b>	<b>0.000</b>
61	0.13	0.492
61	0.13	0.492
124	0.13	0.492
<b>Std Dev</b>	<b>0.13</b>	<b>1.000</b>
24	0.12	1.832

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
87	<0.1	0.000
23	0.14	0.000
23	0.14	0.000
24	0.14	0.000
102	0.14	0.000
61	0.13	0.000
61	0.13	0.000
124	0.13	0.000
<b>Std Dev</b>	<b>0.00</b>	<b>1.000</b>
<b>Median</b>	<b>0.00</b>	<b>0.000</b>
24	0.12	0.000
87	0.10	0.000

060.00 Free Water		
Lab	Vacuum Oven	
9	2.85	-1.844
31	2.69	-1.057
<b>Std Dev</b>	<b>2.67</b>	<b>-1.000</b>
24	2.64	-0.811
18	2.58	-0.541
111	2.58	-0.516
24	2.52	-0.246
23	2.48	-0.025
<b>Median</b>	<b>2.47</b>	<b>0.000</b>
123	2.47	0.025
113	2.46	0.074

23	2.39	0.418
253	2.28	0.934
Std Dev	2.27	1.000
14	2.23	1.180
14	2.16	1.549
124	1.45	5.016

060.10		Free Water
Lab		Vacuum Desiccate
79	2.34	-0.601
61	2.33	-0.551
Median	2.28	0.000
34	2.22	0.551
Std Dev	2.18	1.000
61	2.13	1.453

060.XX		Free Water
Lab		Total Method
9	2.85	-1.787
31	2.69	-1.114
Std Dev	2.66	-1.000
24	2.64	-0.904
18	2.58	-0.673
111	2.58	-0.652
24	2.52	-0.420
23	2.48	-0.231
123	2.47	-0.189
113	2.46	-0.147
Median	2.42	0.000
23	2.39	0.147
79	2.34	0.357
61	2.33	0.378
253	2.28	0.589
14	2.23	0.799
34	2.22	0.841
Std Dev	2.18	1.000
14	2.16	1.114
61	2.13	1.219
124	1.45	4.078

101.30		Acid Soluble Calcium	
Lab	%CaO		ICP
34	0.39		-1.609
61	0.39		-1.609

23	0.38	-1.099
61	0.38	-1.099
Std Dev	0.38	-1.000
23	0.38	-0.844
24	0.37	-0.333
9	0.36	-0.078
14	0.36	-0.078
Median	0.36	0.000
102	0.36	0.078
31	0.36	0.177
39	0.36	0.177
14	0.35	0.433
124	0.35	0.433
87	0.35	0.543
24	0.35	0.688
253	0.34	0.856

101.XX		Acid Soluble Calcium	
Lab	%CaO		Total Method
34	0.39		-1.609
61	0.39		-1.609
23	0.38		-1.099
61	0.38		-1.099
Std Dev	0.38		-1.000
23	0.38		-0.844
24	0.37		-0.333
9	0.36		-0.078
14	0.36		-0.078
Median	0.36		0.000
102	0.36		0.078
31	0.36		0.177
39	0.36		0.177
14	0.35		0.433
124	0.35		0.433
87	0.35		0.543
24	0.35		0.688
253	0.34		0.856

121.30		Acid Soluble Magnesium	
Lab	%MgO		ICP
92	1.33		-2.092
24	1.27		-1.005
34	1.27		-1.005
Std Dev	1.27		-1.000

23	1.26	-0.733
24	1.26	-0.733
23	1.25	-0.552
102	1.23	-0.311
61	1.23	-0.280
87	1.21	0.000
Median	1.21	0.000
14	1.21	0.082
61	1.21	0.082
14	1.21	0.173
253	1.18	0.607
31	1.18	0.716
39	1.17	0.897
124	1.16	0.988
Std Dev	1.16	1.000
9	1.15	1.169

121.XX		Acid Soluble Magnesium	
Lab	%MgO		Total Method
92	1.33		-2.092
24	1.27		-1.005
34	1.27		-1.005
Std Dev	1.27		-1.000
23	1.26		-0.733
24	1.26		-0.733
23	1.25		-0.552
102	1.23		-0.311
61	1.23		-0.280
87	1.21		0.000
Median	1.21		0.000
14	1.21		0.082
61	1.21		0.082
14	1.21		0.173
253	1.18		0.607
31	1.18		0.716
39	1.17		0.897
124	1.16		0.988
Std Dev	1.16		1.000
9	1.15		1.169

144..01		Sulfate Sulfur (S)	
Lab			Gravimetric
49	4.18		-2.650
Std Dev	2.51		-1.000

61	1.50	0.000
Median	1.50	0.000
61	1.47	0.030

144.02		Sulfate Sulfur (S)	
Lab			Gravimetric
49	4.34		-2.671
Std Dev	2.57		-1.000
18	1.51		0.000
Median	1.51		0.000
111	1.50		0.009

144.70		Sulfur	
Lab			Spectrometric
9	1.36		0.000
Median	1.36		0.000

144.99		Sulfate Sulfur (S)	
Lab			Other
124	1.53		-2.795
24	1.47		-1.726
Std Dev	1.42		-1.000
34	1.39		-0.493
24	1.39		-0.411
14	1.36		0.000
14	1.36		0.000
Median	1.36		0.000
23	1.35		0.247
23	1.34		0.329
Std Dev	1.30		1.000
87	1.27		1.447
31	1.26		1.726
102	1.25		1.810

144.XX		Sulfate Sulfur (S)	
Lab			Total Method
49	4.34		-26.158
49	4.18		-24.696
124	1.53		-1.262
18	1.51		-1.041
Std Dev	1.50		-1.000
61	1.50		-0.997
111	1.50		-0.952
61	1.47		-0.731

24	1.47	-0.687
34	1.39	-0.022
<b>Median</b>	<b>1.39</b>	<b>0.000</b>
24	1.39	0.022
14	1.36	0.244
14	1.36	0.244
9	1.36	0.288
23	1.35	0.377
23	1.34	0.421
<b>Std Dev</b>	<b>1.27</b>	<b>1.000</b>
87	1.27	1.023
31	1.26	1.174
102	1.25	1.219

151.30 Total Arsenic		
Lab		ICP
102	19.00	-3.395
<b>Std Dev</b>	<b>13.04</b>	<b>-1.000</b>
24	12.00	-0.583
124	10.55	0.000
<b>Median</b>	<b>10.55</b>	<b>0.000</b>
64	8.67	0.757
<b>Std Dev</b>	<b>8.06</b>	<b>1.000</b>
253	6.20	1.746

151.99 Total Arsenic		
Lab		Other
87	9.65	0.000
<b>Median</b>	<b>9.65</b>	<b>0.000</b>

151.XX Total Arsenic		
Lab		Total Method
102	19.00	-4.375
<b>Std Dev</b>	<b>12.13</b>	<b>-1.000</b>
24	12.00	-0.934
124	10.55	-0.221
<b>Median</b>	<b>10.10</b>	<b>0.000</b>
87	9.65	0.221
64	8.67	0.705
<b>Std Dev</b>	<b>8.07</b>	<b>1.000</b>
253	6.20	1.915

165.99 Acid Soluble Boron		
Lab	PPM	Other

87	446.25	-4.063
<b>Std Dev</b>	<b>205.02</b>	<b>-1.000</b>
102	130.50	-0.054
<b>Median</b>	<b>126.25</b>	<b>0.000</b>
124	122.00	0.054
24	49.55	0.974

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	446.25	-4.063
<b>Std Dev</b>	<b>205.02</b>	<b>-1.000</b>
102	130.50	-0.054
<b>Median</b>	<b>126.25</b>	<b>0.000</b>
124	122.00	0.054
24	49.55	0.974

181.30 Total Cadmium		
Lab	PPM	ICP
61	3.60	-1.972
61	3.40	-1.397
<b>Std Dev</b>	<b>3.26</b>	<b>-1.000</b>
64	3.06	-0.405
102	3.00	-0.247
<b>Median</b>	<b>2.91</b>	<b>0.000</b>
253	2.83	0.247
31	2.80	0.328
<b>Std Dev</b>	<b>2.57</b>	<b>1.000</b>
87	2.30	1.765
124	0.83	5.989

181.99 Total Cadmium		
Lab		Other
24	2.79	0.000
<b>Median</b>	<b>2.79</b>	<b>0.000</b>

181.XX Total Cadmium		
Lab	PPM	Total Method
61	3.60	-3.904
61	3.40	-2.892
64	3.06	-1.148
<b>Std Dev</b>	<b>3.03</b>	<b>-1.000</b>
102	3.00	-0.870
253	2.83	0.000
<b>Median</b>	<b>2.83</b>	<b>0.000</b>

31	2.80	0.142
24	2.79	0.192
<b>Std Dev</b>	<b>2.63</b>	<b>1.000</b>
87	2.30	2.670
124	0.83	10.103

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
14	1.59	-1.816
14	1.58	-1.709
34	1.56	-1.282
9	1.55	-1.068
<b>Std Dev</b>	<b>1.55</b>	<b>-1.000</b>
61	1.53	-0.641
23	1.52	-0.427
23	1.52	-0.320
61	1.50	0.000
<b>Median</b>	<b>1.50</b>	<b>0.000</b>
31	1.49	0.214
24	1.49	0.320
253	1.48	0.330
124	1.47	0.641
<b>Std Dev</b>	<b>1.45</b>	<b>1.000</b>
24	1.45	1.175
87	1.42	1.630
102	1.25	5.249

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
14	1.59	-1.816
14	1.58	-1.709
34	1.56	-1.282
9	1.55	-1.068
<b>Std Dev</b>	<b>1.55</b>	<b>-1.000</b>
61	1.53	-0.641
23	1.52	-0.427
23	1.52	-0.320
61	1.50	0.000
<b>Median</b>	<b>1.50</b>	<b>0.000</b>
31	1.49	0.214
24	1.49	0.320
253	1.48	0.330
124	1.47	0.641
<b>Std Dev</b>	<b>1.45</b>	<b>1.000</b>

24	1.45	1.175
87	1.42	1.630
102	1.25	5.249

191.30 Total Chromium		
Lab		ICP
87	117.50	-1.382
61	116.00	-1.205
<b>Std Dev</b>	<b>114.25</b>	<b>-1.000</b>
61	113.00	-0.853
64	105.75	0.000
<b>Median</b>	<b>105.75</b>	<b>0.000</b>
31	104.00	0.205
102	102.20	0.417
<b>Std Dev</b>	<b>97.24</b>	<b>1.000</b>
253	96.66	1.068

191.99 Total Chromium		
Lab	PPM	Other
124	108.00	-1.340
<b>Std Dev</b>	<b>106.99</b>	<b>-1.000</b>
<b>Median</b>	<b>104.00</b>	<b>0.000</b>
<b>Std Dev</b>	<b>101.01</b>	<b>1.000</b>
24	100.00	1.340

191.XX Total Chromium		
Lab	PPM	Total Method
87	117.50	-1.458
61	116.00	-1.272
<b>Std Dev</b>	<b>113.80</b>	<b>-1.000</b>
61	113.00	-0.900
124	108.00	-0.280
64	105.75	0.000
<b>Median</b>	<b>105.75</b>	<b>0.000</b>
31	104.00	0.217
102	102.20	0.440
24	100.00	0.713
<b>Std Dev</b>	<b>97.69</b>	<b>1.000</b>
253	96.66	1.128

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
64	4.51	-1.308
<b>Std Dev</b>	<b>4.39</b>	<b>-1.000</b>

253	4.09	-0.220
61	4.00	0.000
61	4.00	0.000
<b>Median</b>	<b>4.00</b>	<b>0.000</b>
87	3.85	0.388
<b>Std Dev</b>	<b>3.61</b>	<b>1.000</b>
102	3.20	2.071
124	3.00	2.589

202.99 Acid Soluble Cobalt		
Lab		Other
24	3.42	0.000
<b>Median</b>	<b>3.42</b>	<b>0.000</b>

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
64	4.51	-1.184
<b>Std Dev</b>	<b>4.41</b>	<b>-1.000</b>
253	4.09	-0.327
61	4.00	-0.153
61	4.00	-0.153
<b>Median</b>	<b>3.93</b>	<b>0.000</b>
87	3.85	0.153
<b>Std Dev</b>	<b>3.44</b>	<b>1.000</b>
24	3.42	1.031
102	3.20	1.480
124	3.00	1.889

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
124	1.24	0.000
<b>Median</b>	<b>1.24</b>	<b>0.000</b>

221.30 Acid Soluble Copper		
Lab	PPM	ICP
87	<0.9	0.000
253	2.22	-2.244
<b>Std Dev</b>	<b>2.10</b>	<b>-1.000</b>
61	2.00	0.000
61	2.00	0.000
<b>Median</b>	<b>2.00</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.90</b>	<b>1.000</b>
102	1.70	3.116

221.99 Acid Soluble Copper		
Lab		Other
24	1.58	0.000
<b>Median</b>	<b>1.58</b>	<b>0.000</b>

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
87	<0.9	0.000
253	2.22	-1.258
<b>Std Dev</b>	<b>2.14</b>	<b>-1.000</b>
61	2.00	-0.515
61	2.00	-0.515
<b>Median</b>	<b>1.85</b>	<b>0.000</b>
102	1.70	0.515
24	1.58	0.928
<b>Std Dev</b>	<b>1.56</b>	<b>1.000</b>
124	1.24	2.096

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
24	1.98	-2.769
24	1.97	-2.680
92	1.93	-1.965
34	1.90	-1.429
<b>Std Dev</b>	<b>1.88</b>	<b>-1.000</b>
61	1.85	-0.536
39	1.84	-0.268
23	1.82	0.000
23	1.82	0.000
61	1.82	0.000
<b>Median</b>	<b>1.82</b>	<b>0.000</b>
87	1.81	0.132
9	1.81	0.179
253	1.78	0.709
31	1.78	0.804
<b>Std Dev</b>	<b>1.76</b>	<b>1.000</b>
14	1.74	1.429
14	1.74	1.519
102	1.71	2.000
124	1.70	2.144

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
24	1.98	-2.769

24	1.97	-2.680
92	1.93	-1.965
34	1.90	-1.429
<b>Std Dev</b>	<b>1.88</b>	<b>-1.000</b>
61	1.85	-0.536
39	1.84	-0.268
23	1.82	0.000
23	1.82	0.000
61	1.82	0.000
<b>Median</b>	<b>1.82</b>	<b>0.000</b>
87	1.81	0.132
9	1.81	0.179
253	1.78	0.709
31	1.78	0.804
<b>Std Dev</b>	<b>1.76</b>	<b>1.000</b>
14	1.74	1.429
14	1.74	1.519
102	1.71	2.000
124	1.70	2.144

251.30 Total Lead		
Lab	PPM	ICP
64	<MDL	0.000
87	<5	0.000
124	<0.5	0.000
102	5.25	-1.006
<b>Std Dev</b>	<b>5.24</b>	<b>-1.000</b>
253	4.48	-0.622
<b>Median</b>	<b>3.24</b>	<b>0.000</b>
61	2.00	0.622
61	2.00	0.622

251.99 Total Lead		
Lab		Other
24	4.14	0.000
<b>Median</b>	<b>4.14</b>	<b>0.000</b>

251.XX Total Lead		
Lab	PPM	Total Method
64	<MDL	0.000
87	<5	0.000
124	<0.5	0.000
102	5.25	-0.599
253	4.48	-0.185

24	4.14	0.000
<b>Median</b>	<b>4.14</b>	<b>0.000</b>
61	2.00	1.155
61	2.00	1.155

261.30 Acid Soluble Manganese		
Lab		ICP
61	274.00	-2.681
61	266.00	-1.650
<b>Std Dev</b>	<b>260.96</b>	<b>-1.000</b>
39	257.50	-0.555
253	253.20	0.000
<b>Median</b>	<b>253.20</b>	<b>0.000</b>
87	253.15	0.006
102	249.55	0.470
31	247.00	0.798

261.99 Acid Soluble Manganese		
Lab	PPM	Other
124	269.00	-1.340
<b>Std Dev</b>	<b>263.99</b>	<b>-1.000</b>
<b>Median</b>	<b>249.25</b>	<b>0.000</b>
<b>Std Dev</b>	<b>234.51</b>	<b>1.000</b>
24	229.50	1.340

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
61	274.00	-1.695
124	269.00	-1.287
61	266.00	-1.043
<b>Std Dev</b>	<b>265.47</b>	<b>-1.000</b>
39	257.50	-0.351
253	253.20	0.000
<b>Median</b>	<b>253.20</b>	<b>0.000</b>
87	253.15	0.004
102	249.55	0.297
31	247.00	0.505
<b>Std Dev</b>	<b>240.92</b>	<b>1.000</b>
24	229.50	1.930

281.30 Total Mercury		
Lab	PPM	ICP
124	<0.5	0.000
24	0.05	0.000

Median	0.05	0.000
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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
124	<0.5	0.000
102	<0.4	0.000
24	0.05	0.000
Median	0.05	0.000

289.30	Total Molybdenum	
Lab	PPM	ICP
253	8.92	-2.925
61	7.00	-1.066
61	7.00	-1.066
Std Dev	6.93	-1.000
102	5.90	0.000
Median	5.90	0.000
87	5.85	0.048
64	5.39	0.499
124	5.16	0.717

289.99	Total Molybdenum	
Lab	PPM	Other
24	6.42	0.000
Median	6.42	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
253	8.92	-2.919
Std Dev	7.10	-1.000
61	7.00	-0.889
61	7.00	-0.889
24	6.42	-0.275
Median	6.16	0.000
102	5.90	0.275
87	5.85	0.328
64	5.39	0.820
Std Dev	5.22	1.000
124	5.16	1.058

291.30	Total Nickel	
Lab	PPM	ICP
253	14.37	-0.778
61	14.00	-0.511
61	14.00	-0.511
102	13.30	0.000
Median	13.30	0.000
64	13.03	0.197
Std Dev	11.93	1.000
124	11.30	1.460
87	8.05	3.834

291.99	Total Nickel	
Lab	PPM	Other
24	13.85	0.000
Median	13.85	0.000

291.XX	Total Nickel	
Lab	PPM	Total Method
253	14.37	-0.756
61	14.00	-0.406
61	14.00	-0.406
24	13.85	-0.263
Median	13.58	0.000
102	13.30	0.263
64	13.03	0.521
Std Dev	12.53	1.000
124	11.30	2.174
87	8.05	5.279

301.30	Total Selenium	
Lab	PPM	ICP
64	<MDL	0.000
102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
253	10.17	0.000
Median	10.17	0.000

301.XX	Total Selenium	
Lab	PPM	Total Method
64	<MDL	0.000

102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
253	10.17	0.000
Median	10.17	0.000

311.00	Sodium	
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.23	-1.340
Std Dev	0.23	-1.000
Median	0.22	0.000
Std Dev	0.21	1.000
61	0.21	1.340

311.99	Sodium	
Lab	%Na <sub>2</sub> O	Other
87	0.23	-1.144
Std Dev	0.23	-1.000
23	0.23	-0.893
24	0.22	-0.298
23	0.22	0.000
24	0.22	0.000
Median	0.22	0.000
Std Dev	0.20	1.000
124	0.19	1.489
102	0.18	2.102

311.XX	Sodium	
Lab	%Na <sub>2</sub> O	Total Method
87	0.23	-1.287
23	0.23	-1.005
61	0.23	-1.005
Std Dev	0.23	-1.000
24	0.22	-0.335
23	0.22	0.000
24	0.22	0.000
Median	0.22	0.000
61	0.21	0.335
Std Dev	0.20	1.000
124	0.19	1.675
102	0.18	2.365

321.30	Acid Soluble Zinc	
Lab	PPM	ICP
253	51.84	-1.584
Std Dev	49.65	-1.000
61	49.00	-0.827
61	48.00	-0.560
24	45.90	0.000
Median	45.90	0.000
87	43.65	0.600
102	43.30	0.693
Std Dev	42.15	1.000
124	42.00	1.040

321.XX	Acid Soluble Zinc	
Lab	PPM	Total Method
253	51.84	-1.584
Std Dev	49.65	-1.000
61	49.00	-0.827
61	48.00	-0.560
24	45.90	0.000
Median	45.90	0.000
87	43.65	0.600
102	43.30	0.693
Std Dev	42.15	1.000
124	42.00	1.040

325.10	Fluoride	
Lab	%	Electrode
102	2.45	-0.356
124	2.45	-0.356
23	2.35	-0.119
23	2.35	-0.119
24	2.35	-0.119
24	2.30	0.000
Median	2.30	0.000
31	2.21	0.225
18	1.94	0.854
Std Dev	1.88	1.000
111	1.63	1.589
14	1.36	2.229
14	1.36	2.229

325.99	Fluoride	
Lab	%	Other

61	2.33	-0.473
9	2.30	0.000
Median	2.30	0.000
Std Dev	2.24	1.000
61	2.16	2.207

325.XX Lab	%	Fluoride Total Method
102	2.45	-0.566
124	2.45	-0.566
23	2.35	-0.189
23	2.35	-0.189
24	2.35	-0.189
61	2.33	-0.113
9	2.30	0.000
24	2.30	0.000
Median	2.30	0.000
31	2.21	0.359
61	2.16	0.528
Std Dev	2.04	1.000
18	1.94	1.359
111	1.63	2.529
14	1.36	3.548
14	1.36	3.548