

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
49	18.20	-1.340
Std Dev	18.16	-1.000
Median	18.06	0.000
Std Dev	17.95	1.000
123	17.92	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	18.41	-1.266
Std Dev	18.37	-1.000
61	18.33	-0.707
24	18.27	-0.261
140	18.27	-0.261
24	18.24	0.000
Median	18.24	0.000
32	18.17	0.521
Std Dev	18.10	1.000
28	18.09	1.079
61	18.09	1.117
38	17.75	3.648

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
28	18.41	-1.542
Std Dev	18.33	-1.000
61	18.33	-0.991
24	18.27	-0.551
140	18.27	-0.551
24	18.24	-0.294
49	18.20	0.000
Median	18.20	0.000
32	18.17	0.220
28	18.09	0.771
61	18.09	0.808
Std Dev	18.06	1.000
123	17.92	2.056
38	17.75	3.304

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
18	18.44	-1.675
Std Dev	18.40	-1.000

43	18.39	-0.837
43	18.34	0.000
Median	18.34	0.000
123	18.31	0.503
Std Dev	18.28	1.000
49	18.09	4.271

010.12 Total Nitrogen		
Lab	Salicylic	
107	18.13	-1.340
Std Dev	18.10	-1.000
Median	18.04	0.000
Std Dev	17.97	1.000
119	17.95	1.340

010.60 Total Nitrogen		
Lab	Combustion	
65	18.56	-2.118
64	18.51	-1.686
29	18.48	-1.426
Std Dev	18.43	-1.000
9	18.42	-0.865
99	18.41	-0.778
63	18.40	-0.735
96	18.40	-0.735
24	18.37	-0.432
24	18.34	-0.216
49	18.34	-0.216
14	18.33	-0.086
39	18.32	0.000
44	18.32	0.000
Median	18.32	0.000
14	18.31	0.086
42	18.31	0.086
63	18.31	0.086
31	18.29	0.216
77	18.28	0.303
75	18.25	0.605
66	18.23	0.735
Std Dev	18.20	1.000
102	18.13	1.599
95	18.10	1.859
270	18.08	2.075
103	18.04	2.377

80	17.90	3.588
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010.99 Total Nitrogen		
Lab	Other	
34	18.50	-2.144
40	18.43	-1.519
Std Dev	18.37	-1.000
140	18.27	-0.089
32	18.26	0.000
Median	18.26	0.000
38	18.20	0.536
51	18.20	0.536
123	18.19	0.670

010.XX Total Nitrogen		
Lab	Total Method	
65	18.56	-1.752
64	18.51	-1.409
34	18.50	-1.340
29	18.48	-1.203
Std Dev	18.45	-1.000
18	18.44	-0.928
40	18.43	-0.859
9	18.42	-0.756
99	18.41	-0.687
63	18.40	-0.653
96	18.40	-0.653
43	18.39	-0.584
24	18.37	-0.412
24	18.34	-0.241
43	18.34	-0.241
49	18.34	-0.241
14	18.33	-0.137
39	18.32	-0.069
44	18.32	-0.069
123	18.31	-0.034
14	18.31	0.000
42	18.31	0.000
63	18.31	0.000
Median	18.31	0.000
31	18.29	0.103
77	18.28	0.172
140	18.27	0.241
32	18.26	0.309

75	18.25	0.412
66	18.23	0.515
38	18.20	0.722
51	18.20	0.722
123	18.19	0.825
Std Dev	18.16	1.000
102	18.13	1.203
107	18.13	1.237
95	18.10	1.409
49	18.09	1.512
270	18.08	1.581
103	18.04	1.821
119	17.95	2.474
80	17.90	2.783

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
18	47.47	-1.340
Std Dev	47.44	-1.000
Median	47.35	0.000
Std Dev	47.26	1.000
26	47.23	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
9	47.88	-2.199
123	47.79	-1.888
14	47.66	-1.421
14	47.66	-1.421
Std Dev	47.53	-1.000
140	47.46	-0.747
32	47.42	-0.591
34	47.38	-0.470
18	47.38	-0.453
24	47.36	-0.384
99	47.29	-0.159
43	47.27	-0.090
Median	47.24	0.000
220	47.22	0.090
31	47.21	0.118
61	47.16	0.308
61	47.09	0.533
24	47.06	0.636
43	47.01	0.827

Std Dev	46.95	1.000
51	46.88	1.259
270	46.85	1.363
95	46.60	2.227
244	46.46	2.711
102	46.38	3.005

020.30	Total Phosphate	
Lab	Alka. Quimociac	
40	47.83	0.000
Median	47.83	0.000

020.40	Total Phosphate	
Lab	Automated	
9	47.40	-1.340
Std Dev	46.51	-1.000
Median	43.90	0.000
Std Dev	41.29	1.000
96	40.40	1.340

020.99	Total Phosphate	
Lab	Other	
28	47.73	-1.340
Std Dev	47.68	-1.000
Median	47.56	0.000
Std Dev	47.44	1.000
28	47.40	1.340

020.XX	Total Phosphate	
Lab	Total Method	
9	47.88	-1.977
40	47.83	-1.809
123	47.79	-1.675
28	47.73	-1.457
14	47.66	-1.223
14	47.66	-1.223
Std Dev	47.59	-1.000
18	47.47	-0.586
140	47.46	-0.570
32	47.42	-0.419
28	47.40	-0.368
9	47.40	-0.352
34	47.38	-0.302
18	47.38	-0.285

24	47.36	-0.218
99	47.29	0.000
Median	47.29	0.000
43	47.27	0.067
26	47.23	0.201
220	47.22	0.241
31	47.21	0.268
61	47.16	0.452
61	47.09	0.670
24	47.06	0.770
43	47.01	0.955
Std Dev	46.99	1.000
51	46.88	1.373
270	46.85	1.474
95	46.60	2.312
244	46.46	2.781
102	46.38	3.065
96	40.40	23.082

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
26	0.04	0.000
Median	0.04	0.000

030.20	Insoluble Phosphate	
Lab	Spectrometric	
43	0.15	-1.927
43	0.12	-1.260
Std Dev	0.11	-1.000
31	0.11	-0.724
18	0.10	-0.579
24	0.09	-0.290
14	0.08	0.000
14	0.08	0.000
24	0.08	0.000
Median	0.08	0.000
32	0.06	0.579
Std Dev	0.05	1.000
140	0.04	1.159
61	0.04	1.304
61	0.03	1.449

030.40	Insoluble Phosphate
Lab	Automated

34	0.07	-1.340
Std Dev	0.06	-1.000
Median	0.04	0.000
Std Dev	0.03	1.000
9	0.02	1.340

030.99	Insoluble Phosphate	
Lab	Other	
28	0.21	-2.193
Std Dev	0.16	-1.000
28	0.12	0.000
Median	0.12	0.000
18	0.10	0.487

030.XX	Insoluble Phosphate	
Lab	Total Method	
28	0.21	-2.965
43	0.15	-1.517
Std Dev	0.12	-1.000
43	0.12	-0.992
28	0.12	-0.912
31	0.11	-0.570
18	0.10	-0.456
18	0.10	-0.456
24	0.09	-0.228
14	0.08	0.000
14	0.08	0.000
24	0.08	0.000
Median	0.08	0.000
34	0.07	0.319
32	0.06	0.456
26	0.04	0.912
140	0.04	0.912
Std Dev	0.04	1.000
61	0.04	1.026
61	0.03	1.140
9	0.02	1.369

040.10	Indirect Available Phosphate	
Lab	Gravimetric Quimociac	
26	47.19	0.000
Median	47.19	0.000

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
9	47.86	-2.142
14	47.58	-1.103
14	47.58	-1.103
Std Dev	47.55	-1.000
123	47.50	-0.811
140	47.42	-0.538
18	47.37	-0.356
18	47.28	-0.027
Median	47.27	0.000
24	47.27	0.027
43	47.13	0.538
61	47.12	0.556
31	47.11	0.611
61	47.06	0.775
Std Dev	47.00	1.000
24	46.98	1.067
43	46.88	1.431

040.40	Indirect Available Phosphate	
Lab	Automated	
9	47.38	0.000
Median	47.38	0.000

040.99	Indirect Available Phosphate	
Lab	Other	
28	47.52	-0.746
34	47.32	-0.069
Median	47.30	0.000
28	47.28	0.069
Std Dev	47.01	1.000
38	46.09	4.198

040.XX	Indirect Available Phosphate	
Lab	Total Method	
9	47.86	-2.410
14	47.58	-1.226
14	47.58	-1.226
Std Dev	47.52	-1.000
28	47.52	-0.976
123	47.50	-0.893
140	47.42	-0.582
9	47.38	-0.416

18	47.37	-0.374
34	47.32	-0.166
18	47.28	0.000
28	47.28	0.000
<b>Median</b>	<b>47.28</b>	<b>0.000</b>
24	47.27	0.062
26	47.19	0.374
43	47.13	0.644
61	47.12	0.665
31	47.11	0.727
61	47.06	0.914
<b>Std Dev</b>	<b>47.04</b>	<b>1.000</b>
24	46.98	1.247
43	46.88	1.662
38	46.09	4.944

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
119	47.57	-4.154
<b>Std Dev</b>	<b>47.45</b>	<b>-1.000</b>
44	47.43	-0.268
65	47.42	0.000
<b>Median</b>	<b>47.42</b>	<b>0.000</b>
<b>Std Dev</b>	<b>47.38</b>	<b>1.000</b>
49	47.38	1.072
39	47.03	10.452

041.20	Direct Available Phosphate	
Lab	Spectrometric	
220	46.53	0.000
<b>Median</b>	<b>46.53</b>	<b>0.000</b>

041.40	Direct Available Phosphate	
Lab	Automated	
49	47.18	-1.206
<b>Std Dev</b>	<b>47.15</b>	<b>-1.000</b>
39	47.00	0.000
<b>Median</b>	<b>47.00</b>	<b>0.000</b>
<b>Std Dev</b>	<b>46.85</b>	<b>1.000</b>
42	46.78	1.474

041.50	Direct Available Phosphate	
Lab	ICP	
80	47.35	-1.615

<b>Std Dev</b>	<b>47.16</b>	<b>-1.000</b>
66	47.01	-0.500
<b>Median</b>	<b>46.86</b>	<b>0.000</b>
63	46.71	0.500
63	46.63	0.746

041.60	Direct Available Phosphate	
Lab	EDTA Extract	
65	47.47	-0.838
29	47.41	-0.377
<b>Median</b>	<b>47.37</b>	<b>0.000</b>
64	47.32	0.377
<b>Std Dev</b>	<b>47.25</b>	<b>1.000</b>
77	47.10	2.261

041.XX	Direct Available Phosphate	
Lab	Total Method	
119	47.57	-1.275
<b>Std Dev</b>	<b>47.49</b>	<b>-1.000</b>
65	47.47	-0.931
44	47.43	-0.801
65	47.42	-0.768
29	47.41	-0.752
49	47.38	-0.637
80	47.35	-0.556
64	47.32	-0.458
49	47.18	0.000
<b>Median</b>	<b>47.18</b>	<b>0.000</b>
77	47.10	0.278
39	47.03	0.507
66	47.01	0.556
39	47.00	0.588
<b>Std Dev</b>	<b>46.87</b>	<b>1.000</b>
42	46.78	1.307
63	46.71	1.552
63	46.63	1.798
220	46.53	2.135

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
119	47.57	-1.275
<b>Std Dev</b>	<b>47.49</b>	<b>-1.000</b>
65	47.47	-0.931
44	47.43	-0.801
65	47.42	-0.768
29	47.41	-0.752
49	47.38	-0.637
80	47.35	-0.556
64	47.32	-0.458
49	47.18	0.000
<b>Median</b>	<b>47.18</b>	<b>0.000</b>
77	47.10	0.278
39	47.03	0.507
66	47.01	0.556
39	47.00	0.588
<b>Std Dev</b>	<b>46.87</b>	<b>1.000</b>
42	46.78	1.307
63	46.71	1.552
63	46.63	1.798
220	46.53	2.135

048.10	Water Soluble Phosphate	
Lab	Gravimetric Quimociac	
26	43.67	0.000
<b>Median</b>	<b>43.67</b>	<b>0.000</b>

048.20	Water Soluble Phosphate	
Lab	Spectrometric	
18	44.15	-1.326
<b>Std Dev</b>	<b>44.00</b>	<b>-1.000</b>
43	43.83	-0.633
31	43.75	-0.446
140	43.72	-0.380
24	43.68	-0.303
220	43.66	-0.264
24	43.61	-0.138
<b>Median</b>	<b>43.54</b>	<b>0.000</b>
14	43.48	0.138
61	43.34	0.446
61	43.30	0.534
<b>Std Dev</b>	<b>43.09</b>	<b>1.000</b>
14	43.03	1.128
43	42.97	1.260
32	42.60	2.086
51	41.34	4.848

048.99	Water Soluble Phosphate	
Lab	Other	
123	44.22	-0.625
9	44.14	-0.478
<b>Median</b>	<b>43.90</b>	<b>0.000</b>
34	43.65	0.478
<b>Std Dev</b>	<b>43.38</b>	<b>1.000</b>
244	42.94	1.865

048.XX	Water Soluble Phosphate	
Lab	Total Method	
123	44.22	-1.340
18	44.15	-1.174
9	44.14	-1.162
<b>Std Dev</b>	<b>44.07</b>	<b>-1.000</b>
43	43.83	-0.427
31	43.75	-0.225
140	43.72	-0.154
24	43.68	-0.071
26	43.67	-0.036
220	43.66	-0.030
34	43.65	0.000
<b>Median</b>	<b>43.65</b>	<b>0.000</b>
24	43.61	0.107

14	43.48	0.403
61	43.34	0.735
61	43.30	0.830
<b>Std Dev</b>	<b>43.23</b>	<b>1.000</b>
14	43.03	1.470
43	42.97	1.613
244	42.94	1.684
32	42.60	2.502
51	41.34	5.479

050.51	%K <sub>2</sub> O	Soluble Potash
Lab		ICP(Citrate)
102	0.14	0.000
<b>Median</b>	<b>0.14</b>	<b>0.000</b>

050.99	%K <sub>2</sub> O	Soluble Potash
Lab		Other
61	0.14	-2.716
<b>Std Dev</b>	<b>0.14</b>	<b>-1.000</b>
24	0.14	-0.632
61	0.14	-0.632
<b>Median</b>	<b>0.13</b>	<b>0.000</b>
43	0.13	0.632
43	0.13	0.733
<b>Std Dev</b>	<b>0.13</b>	<b>1.000</b>
24	0.13	3.535

050.XX	%K <sub>2</sub> O	Soluble Potash
Lab		Total Method
61	0.14	0.000
102	0.14	0.000
24	0.14	0.000
61	0.14	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>
43	0.13	0.000
43	0.13	0.000
<b>Std Dev</b>	<b>0.00</b>	<b>1.000</b>
24	0.13	0.000

060.00	Free Water	
Lab		Vacuum Oven
220	1.92	-2.629
18	1.67	-1.353

31	1.62	-1.123
Std Dev	1.60	-1.000
32	1.55	-0.766
140	1.50	-0.485
24	1.43	-0.128
123	1.42	-0.077
24	1.40	0.000
Median	1.40	0.000
14	1.35	0.281
14	1.32	0.408
34	1.26	0.715
43	1.26	0.715
Std Dev	1.20	1.000
43	1.19	1.072
9	1.17	1.174
26	1.11	1.480

060.10 Free Water		
Lab	Vacuum Desiccate	
61	1.59	-1.340
Std Dev	1.58	-1.000
Median	1.57	0.000
Std Dev	1.55	1.000
61	1.54	1.340

060.99 Free Water		
Lab	Other	
51	1.99	-1.012
Std Dev	1.99	-1.000
28	1.91	0.000
Median	1.91	0.000
Std Dev	1.82	1.000
28	1.77	1.668

060.XX Free Water		
Lab	Total Method	
51	1.99	-2.177
220	1.92	-1.869
28	1.91	-1.828
28	1.77	-1.253
Std Dev	1.70	-1.000
18	1.67	-0.842
31	1.62	-0.657
61	1.59	-0.534

32	1.55	-0.370
61	1.54	-0.329
140	1.50	-0.144
Median	1.46	0.000
24	1.43	0.144
123	1.42	0.185
24	1.40	0.246
14	1.35	0.472
14	1.32	0.575
34	1.26	0.821
43	1.26	0.821
Std Dev	1.22	1.000
43	1.19	1.109
9	1.17	1.191
26	1.11	1.438

101.30 Acid Soluble Calcium			
Lab	%CaO	ICP	
61	0.48	-1.225	
39	0.47	-1.011	
Std Dev	0.47	-1.000	
61	0.45	-0.459	
34	0.44	-0.276	
14	0.44	-0.153	
102	0.44	-0.026	
32	0.44	0.000	
Median	0.44	0.000	
24	0.43	0.306	
14	0.42	0.459	
Std Dev	0.40	1.000	
43	0.40	1.064	
43	0.40	1.184	
24	0.40	1.225	
9	0.39	1.378	

101.XX Acid Soluble Calcium			
Lab	%CaO	Total Method	
61	0.48	-1.225	
39	0.47	-1.011	
Std Dev	0.47	-1.000	
61	0.45	-0.459	
34	0.44	-0.276	
14	0.44	-0.153	
102	0.44	-0.026	

32	0.44	0.000
Median	0.44	0.000
24	0.43	0.306
14	0.42	0.459
Std Dev	0.40	1.000
43	0.40	1.064
43	0.40	1.184
24	0.40	1.225
9	0.39	1.378

121.30 Acid Soluble Magnesium			
Lab	%MgO	ICP	
102	0.79	-0.935	
14	0.78	-0.596	
34	0.78	-0.596	
14	0.77	-0.298	
24	0.77	-0.149	
24	0.76	0.000	
32	0.76	0.000	
Median	0.76	0.000	
9	0.75	0.298	
39	0.75	0.387	
Std Dev	0.73	1.000	
61	0.73	1.042	
61	0.72	1.191	
43	0.59	5.062	
43	0.59	5.211	

121.99 Acid Soluble Magnesium			
Lab	%MgO	Other	
18	0.77	0.000	
Median	0.77	0.000	

121.XX Acid Soluble Magnesium			
Lab	%MgO	Total Method	
102	0.79	-1.008	
14	0.78	-0.642	
34	0.78	-0.642	
18	0.77	-0.417	
14	0.77	-0.321	
24	0.77	-0.160	
24	0.76	0.000	
32	0.76	0.000	

Median	0.76	0.000
9	0.75	0.321
39	0.75	0.417
Std Dev	0.73	1.000
61	0.73	1.123
61	0.72	1.284
43	0.59	5.456
43	0.59	5.617

144..01 Sulfate Sulfur (S)			
Lab	Gravimetric		
220	1.53	-4.523	
61	1.33	-1.089	
Std Dev	1.32	-1.000	
61	1.26	0.000	
Median	1.26	0.000	
18	1.25	0.251	
244	1.21	0.838	

144.70 Sulfur		
Lab	Spectrometric	
14	1.23	-1.340
Std Dev	1.23	-1.000
Median	1.22	0.000
Std Dev	1.20	1.000
14	1.20	1.340

144.99 Sulfate Sulfur (S)			
Lab	Other		
43	4.02	-1.639	
43	3.92	-1.578	
51	3.47	-1.320	
Std Dev	2.92	-1.000	
24	1.21	-0.006	
24	1.20	0.000	
Median	1.20	0.000	
270	1.17	0.015	
9	1.16	0.020	
34	1.16	0.020	
32	1.13	0.041	

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
43	4.02	-20.011

43	3.92	-19.260
51	3.47	-16.080
220	1.53	-2.215
Std Dev	1.36	-1.000
61	1.33	-0.750
61	1.26	-0.286
18	1.25	-0.179
14	1.23	-0.071
Median	1.22	0.000
244	1.21	0.071
24	1.21	0.107
14	1.20	0.143
24	1.20	0.179
270	1.17	0.357
9	1.16	0.429
34	1.16	0.429
32	1.13	0.679

145.99 Total Sulfur (S)		
Lab		Other
102	1.13	-2.339
Std Dev	1.11	-1.000
63	1.10	0.000
Median	1.10	0.000
63	1.09	0.341

145.XX Total Sulfur (S)		
Lab		Total Method
102	1.13	-2.339
Std Dev	1.11	-1.000
63	1.10	0.000
Median	1.10	0.000
63	1.09	0.341

151.30 Total Arsenic		
Lab		ICP
102	<5	0.000
270	11.00	-0.198
9	10.81	0.000
Median	10.81	0.000
Std Dev	9.85	1.000
24	8.43	2.482

151.99 Total Arsenic			
Lab		Other	
18	12.00		-1.340
Std Dev	11.96		-1.000
Median	11.85		0.000
Std Dev	11.74		1.000
61	11.70		1.340

151.XX Total Arsenic			
Lab		Total Method	
102	<5		0.000
18	12.00		-1.506
61	11.70		-1.054
Std Dev	11.66		-1.000
270	11.00		0.000
Median	11.00		0.000
9	10.81		0.286
Std Dev	10.34		1.000
24	8.43		3.877

165.99 Acid Soluble Boron			
Lab	PPM	Other	
102	49.50		-1.340
Std Dev	48.77		-1.000
Median	46.63		0.000
Std Dev	44.48		1.000
24	43.75		1.340

165.XX, ppm Acid Soluble Boron			
Lab	PPM	Total Method	
102	49.50		-1.340
Std Dev	48.77		-1.000
Median	46.63		0.000
Std Dev	44.48		1.000
24	43.75		1.340

181.00 Total Cadmium			
Lab		Atomic Absorbtion	
220	5.89		-1.340
Std Dev	5.77		-1.000
Median	5.42		0.000
Std Dev	5.07		1.000
18	4.95		1.340

181.30 Total Cadmium			
Lab	PPM	ICP	
61	6.00		-1.949
9	5.55		-1.072
Std Dev	5.51		-1.000
61	5.50		-0.975
43	5.00		0.000
43	5.00		0.000
Median	5.00		0.000
270	4.90		0.195
102	4.60		0.780
Std Dev	4.49		1.000
64	3.68		2.583

181.99 Total Cadmium			
Lab		Other	
24	5.11		0.000
Median	5.11		0.000

181.XX Total Cadmium			
Lab	PPM	Total Method	
61	6.00		-2.233
220	5.89		-1.980
9	5.55		-1.228
61	5.50		-1.117
Std Dev	5.45		-1.000
24	5.11		-0.246
43	5.00		0.000
43	5.00		0.000
Median	5.00		0.000
18	4.95		0.112
270	4.90		0.223
102	4.60		0.893
Std Dev	4.55		1.000
64	3.68		2.959

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
14	1.54	-1.569
14	1.51	-1.177
9	1.50	-1.046
Std Dev	1.49	-1.000
32	1.44	-0.261
34	1.44	-0.261

24	1.42	-0.065
Median	1.42	0.000
24	1.41	0.065
61	1.39	0.392
61	1.38	0.458
Std Dev	1.34	1.000
43	1.25	2.157
43	1.24	2.353
102	1.20	2.799

190.99 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Atomic Absorption
51	1.48	-1.340
Std Dev	1.48	-1.000
Median	1.46	0.000
Std Dev	1.45	1.000
18	1.45	1.340

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
14	1.54	-1.601
14	1.51	-1.154
9	1.50	-1.005
Std Dev	1.49	-1.000
51	1.48	-0.782
18	1.45	-0.261
32	1.44	-0.112
34	1.44	-0.112
Median	1.43	0.000
24	1.42	0.112
24	1.41	0.261
61	1.39	0.633
61	1.38	0.707
Std Dev	1.36	1.000
43	1.25	2.643
43	1.24	2.866
102	1.20	3.374

191.00 Total Chromium		
Lab		Atomic Absorption
18	76.50	0.000
Median	76.50	0.000

191.30 Total Chromium		
Lab	ICP	
64	76.05	-0.742
270	76.00	-0.731
9	74.50	-0.365
61	74.50	-0.365
61	73.00	0.000
<b>Median</b>	<b>73.00</b>	<b>0.000</b>
102	70.30	0.658
43	69.00	0.975
<b>Std Dev</b>	<b>68.90</b>	<b>1.000</b>
51	68.00	1.218
43	67.50	1.340

191.99 Total Chromium		
Lab	PPM	Other
24	73.40	0.000
<b>Median</b>	<b>73.40</b>	<b>0.000</b>

191.XX Total Chromium		
Lab	PPM	Total Method
18	76.50	-0.742
64	76.05	-0.633
270	76.00	-0.622
9	74.50	-0.263
61	74.50	-0.263
24	73.40	0.000
<b>Median</b>	<b>73.40</b>	<b>0.000</b>
61	73.00	0.096
102	70.30	0.742
<b>Std Dev</b>	<b>69.22</b>	<b>1.000</b>
43	69.00	1.053
51	68.00	1.292
43	67.50	1.412

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
61	5.50	-1.048
61	5.50	-1.048
<b>Std Dev</b>	<b>5.45</b>	<b>-1.000</b>
64	5.19	-0.734
9	4.45	0.000
<b>Median</b>	<b>4.45</b>	<b>0.000</b>
43	4.00	0.449

43	4.00	0.449
102	3.90	0.549

202.99 Acid Soluble Cobalt		
Lab		Other
24	4.01	0.000
<b>Median</b>	<b>4.01</b>	<b>0.000</b>

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
61	5.50	-1.349
61	5.50	-1.349
64	5.19	-1.015
<b>Std Dev</b>	<b>5.17</b>	<b>-1.000</b>
9	4.45	-0.236
<b>Median</b>	<b>4.23</b>	<b>0.000</b>
24	4.01	0.236
43	4.00	0.241
43	4.00	0.241
102	3.90	0.347

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
220	1.59	0.000
<b>Median</b>	<b>1.59</b>	<b>0.000</b>

221.30 Acid Soluble Copper		
Lab	PPM	ICP
102	<1	0.000
61	5.00	-2.680
<b>Std Dev</b>	<b>3.09</b>	<b>-1.000</b>
61	3.00	-0.923
270	2.00	-0.044
<b>Median</b>	<b>1.95</b>	<b>0.000</b>
9	1.90	0.044
43	1.00	0.835
43	1.00	0.835

221.99 Acid Soluble Copper		
Lab		Other
24	<0.01	0.000
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
102	<1	0.000
24	<0.01	0.000
61	5.00	-2.680
<b>Std Dev</b>	<b>3.09</b>	<b>-1.000</b>
61	3.00	-0.923
270	2.00	-0.044
<b>Median</b>	<b>1.95</b>	<b>0.000</b>
9	1.90	0.044
43	1.00	0.835
43	1.00	0.835

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
14	1.64	-0.742
24	1.64	-0.742
34	1.63	-0.660
14	1.63	-0.577
24	1.63	-0.577
9	1.60	-0.082
<b>Median</b>	<b>1.59</b>	<b>0.000</b>
32	1.59	0.082
39	1.59	0.082
61	1.55	0.660
43	1.53	0.990
<b>Std Dev</b>	<b>1.53</b>	<b>1.000</b>
43	1.52	1.154
61	1.50	1.567

241.99 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Other
18	1.65	-1.340
<b>Std Dev</b>	<b>1.63</b>	<b>-1.000</b>
<b>Median</b>	<b>1.59</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.56</b>	<b>1.000</b>
102	1.54	1.340

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
18	1.65	-0.998
14	1.64	-0.831
24	1.64	-0.831
34	1.63	-0.748

14	1.63	-0.665
24	1.63	-0.665
9	1.60	-0.166
32	1.59	0.000
39	1.59	0.000
220	1.59	0.000
<b>Median</b>	<b>1.59</b>	<b>0.000</b>
61	1.55	0.582
102	1.54	0.685
43	1.53	0.914
<b>Std Dev</b>	<b>1.52</b>	<b>1.000</b>
43	1.52	1.081
61	1.50	1.496

251.00 Total Lead		
Lab		Atomic Absorption
18	1.70	0.000
<b>Median</b>	<b>1.70</b>	<b>0.000</b>

251.30 Total Lead		
Lab	PPM	ICP
102	<5	0.000
61	2.50	-1.340
61	2.50	-1.340
<b>Std Dev</b>	<b>2.12</b>	<b>-1.000</b>
43	1.00	0.000
43	1.00	0.000
270	1.00	0.000
<b>Median</b>	<b>1.00</b>	<b>0.000</b>

251.99 Total Lead		
Lab		Other
24	1.87	0.000
<b>Median</b>	<b>1.87</b>	<b>0.000</b>

251.XX Total Lead		
Lab	PPM	Total Method
102	<5	0.000
61	2.50	-0.907
61	2.50	-0.907
24	1.87	-0.187
18	1.70	0.000
<b>Median</b>	<b>1.70</b>	<b>0.000</b>
43	1.00	0.793

43	1.00	0.793
270	1.00	0.793

261.30 Acid Soluble Manganese		
Lab	ICP	
39	378.00	-1.931
Std Dev	371.97	-1.000
9	365.50	0.000
Median	365.50	0.000
102	360.65	0.749

261.99 Acid Soluble Manganese		
Lab	PPM	Other
61	354.00	-1.117
Std Dev	353.74	-1.000
43	352.00	-0.223
61	351.50	0.000
Median	351.50	0.000
Std Dev	349.26	1.000
24	349.00	1.117
43	348.00	1.563

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
39	378.00	-3.049
9	365.50	-1.524
Std Dev	361.20	-1.000
102	360.65	-0.933
61	354.00	-0.122
Median	353.00	0.000
43	352.00	0.122
61	351.50	0.183
24	349.00	0.488
43	348.00	0.610

281.30 Total Mercury		
Lab	PPM	ICP
24	<0.12	0.000
270	2.00	0.000
Median	2.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
102	<0.4	0.000

61	<0.01	0.000
Median	0.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
102	<0.4	0.000
24	<0.12	0.000
61	<0.01	0.000
270	2.00	0.000
Median	2.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
61	14.00	-0.520
61	13.50	-0.120
102	13.50	-0.120
9	13.35	0.000
Median	13.35	0.000
Std Dev	12.10	1.000
43	11.85	1.200
18	11.80	1.240
43	11.75	1.280

289.99 Total Molybdenum		
Lab	PPM	Other
24	12.40	0.000
Median	12.40	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
61	14.00	-0.907
61	13.50	-0.504
102	13.50	-0.504
9	13.35	-0.383
Median	12.88	0.000
24	12.40	0.383
43	11.85	0.826
18	11.80	0.866
43	11.75	0.907

291.30 Total Nickel		
Lab	PPM	ICP
51	22.00	-3.953
64	20.12	-1.434

61	20.00	-1.273
9	19.85	-1.072
Std Dev	19.80	-1.000
102	19.05	0.000
Median	19.05	0.000
61	19.00	0.067
270	19.00	0.067
Std Dev	18.30	1.000
43	18.00	1.407
43	17.50	2.077

291.99 Total Nickel		
Lab	PPM	Other
24	2.02	0.000
Median	2.02	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
51	22.00	-2.328
Std Dev	20.30	-1.000
64	20.12	-0.857
61	20.00	-0.763
9	19.85	-0.646
102	19.05	-0.020
Median	19.03	0.000
61	19.00	0.020
270	19.00	0.020
43	18.00	0.802
Std Dev	17.75	1.000
43	17.50	1.193
24	2.02	13.306

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

301.99 Total Selenium		
Lab	PPM	Other
102	<5	0.000
18	0.99	-1.340
Std Dev	0.87	-1.000
Median	0.52	0.000
Std Dev	0.17	1.000

61	0.05	1.340
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301.XX Total Selenium		
Lab	PPM	Total Method
102	<5	0.000
24	<0.50	0.000
18	0.99	-1.340
Std Dev	0.87	-1.000
Median	0.52	0.000
61	0.05	1.340

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.16	-1.340
Std Dev	0.15	-1.000
Median	0.15	0.000
Std Dev	0.15	1.000
61	0.15	1.340

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
51	0.36	-5.780
24	0.20	-1.012
Std Dev	0.20	-1.000
24	0.18	-0.416
Median	0.17	0.000
102	0.15	0.416
43	0.15	0.497
43	0.15	0.515

311.XX Sodium		
Lab	%Na <sub>2</sub> O	Total Method
51	0.36	-7.869
24	0.20	-1.771
24	0.18	-1.009
Std Dev	0.18	-1.000
61	0.16	-0.056
Median	0.15	0.000
102	0.15	0.056
61	0.15	0.134
43	0.15	0.159
43	0.15	0.182

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321.00		
Lab	Acid Soluble Zinc	
	Atomic Absorption	
18	70.50	0.000
Median	70.50	0.000

321.30		
Lab	PPM	Acid Soluble Zinc
		ICP
24	94.65	-2.129
64	87.71	-1.340
61	85.50	-1.090
Std Dev	84.71	-1.000
9	75.90	0.000
Median	75.90	0.000
270	75.00	0.102
102	74.60	0.148
61	74.50	0.159

321.99		
Lab	Acid Soluble Zinc	
	Other	
43	72.00	0.000
43	72.00	0.000
Median	72.00	0.000

321.XX		
Lab	PPM	Acid Soluble Zinc
		Total Method
24	94.65	-2.539
64	87.71	-1.651
61	85.50	-1.369
Std Dev	82.62	-1.000
9	75.90	-0.141
270	75.00	-0.026
Median	74.80	0.000
102	74.60	0.026
61	74.50	0.038
43	72.00	0.358
43	72.00	0.358
18	70.50	0.550

325.00		
Lab	Fluoride	
	Volumetric	
9	2.37	0.000
Median	2.37	0.000

325.10		
Lab	%	Fluoride
		Electrode
220	2.54	-2.434
32	2.49	-1.817
31	2.48	-1.756
24	2.40	-0.709
34	2.39	-0.647
102	2.35	-0.092
Median	2.34	0.000
51	2.33	0.092
24	2.33	0.154
18	2.31	0.339
270	2.30	0.462
14	1.92	5.206
14	1.89	5.514

325.99		
Lab	%	Fluoride
		Other
61	2.49	-1.340
Median	2.49	0.000
61	2.49	1.340

325.XX		
Lab	%	Fluoride
		Total Method
220	2.54	-1.340
61	2.49	-0.975
32	2.49	-0.934
61	2.49	-0.934
31	2.48	-0.893
24	2.40	-0.203
34	2.39	-0.162
9	2.37	0.000
Median	2.37	0.000
102	2.35	0.203
51	2.33	0.325
24	2.33	0.365
18	2.31	0.487
270	2.30	0.568
14	1.92	3.695
14	1.89	3.898