

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	17.31	-1.340
Std Dev	17.29	-1.000
Median	17.25	0.000
Std Dev	17.20	1.000
49	17.19	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
124	18.03	-1.432
Std Dev	17.79	-1.000
24	17.29	-0.065
140	17.28	-0.046
24	17.25	0.000
Median	17.25	0.000
Std Dev	16.71	1.000
61	16.63	1.146
61	16.48	1.423
38	16.38	1.617

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
124	18.03	-1.585
Std Dev	17.74	-1.000
31	17.31	-0.113
24	17.29	-0.072
140	17.28	-0.051
24	17.25	0.000
Median	17.25	0.000
49	17.19	0.123
Std Dev	16.76	1.000
61	16.63	1.268
61	16.48	1.575
38	16.38	1.790

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
40	17.98	-0.186
140	17.93	-0.019
49	17.93	0.000
Median	17.93	0.000
Std Dev	17.66	1.000
43	17.57	1.321

43	17.57	1.340
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010.12 Total Nitrogen		
Lab	Salicylic	
107	17.77	0.000
Median	17.77	0.000

010.60 Total Nitrogen		
Lab	Combustion	
31	18.11	-1.495
104	18.10	-1.443
103	18.02	-1.031
Std Dev	18.01	-1.000
63	18.00	-0.902
66	17.99	-0.876
14	17.99	-0.850
14	17.96	-0.696
29	17.96	-0.696
63	17.96	-0.696
77	17.89	-0.361
9	17.86	-0.206
9	17.85	-0.155
64	17.85	-0.155
65	17.84	-0.077
49	17.82	0.000
Median	17.82	0.000
42	17.82	0.026
24	17.76	0.335
80	17.75	0.361
270	17.75	0.361
24	17.75	0.387
44	17.72	0.515
39	17.70	0.644
95	17.69	0.670
38	17.68	0.722
87	17.66	0.825
Std Dev	17.63	1.000
96	17.50	1.649
102	17.39	2.242
110	17.30	2.680
99	17.09	3.788

010.99 Total Nitrogen		
Lab	Other	

47	17.82	-4.070
Std Dev	17.58	-1.000
34	17.52	-0.165
Median	17.51	0.000
23	17.50	0.165
23	17.49	0.298

010.XX Total Nitrogen		
Lab	Total Method	
31	18.11	-1.451
104	18.10	-1.401
103	18.02	-1.008
Std Dev	18.02	-1.000
63	18.00	-0.885
66	17.99	-0.861
14	17.99	-0.836
40	17.98	-0.787
14	17.96	-0.688
29	17.96	-0.688
63	17.96	-0.688
140	17.93	-0.566
49	17.93	-0.541
77	17.89	-0.369
9	17.86	-0.221
9	17.85	-0.172
64	17.85	-0.172
65	17.84	-0.098
49	17.82	-0.025
42	17.82	0.000
47	17.82	0.000
Median	17.82	0.000
107	17.77	0.221
24	17.76	0.295
80	17.75	0.320
270	17.75	0.320
24	17.75	0.344
44	17.72	0.467
39	17.70	0.590
95	17.69	0.615
38	17.68	0.664
87	17.66	0.762
Std Dev	17.61	1.000
43	17.57	1.205
43	17.57	1.229

34	17.52	1.451
96	17.50	1.549
23	17.50	1.574
23	17.49	1.623
102	17.39	2.114
110	17.30	2.532
99	17.09	3.590

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	46.90	-1.340
Std Dev	46.78	-1.000
Median	46.46	0.000
Std Dev	46.13	1.000
241	46.02	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
102	46.76	-5.360
95	46.40	-3.246
270	46.36	-2.978
Std Dev	46.02	-1.000
24	46.02	-0.983
24	46.00	-0.834
34	45.92	-0.387
140	45.90	-0.238
43	45.86	0.000
Median	45.86	0.000
99	45.84	0.119
43	45.82	0.238
31	45.81	0.268
23	45.76	0.596
9	45.72	0.804
23	45.72	0.804
Std Dev	45.69	1.000
110	45.50	2.114

020.40 Total Phosphate		
Lab	Automated	
96	49.89	-17.443
Std Dev	46.33	-1.000
61	46.13	-0.092
61	46.11	0.000
Median	46.11	0.000

Std Dev	45.89	1.000
14	45.84	1.248
14	45.83	1.294

020.99	Total Phosphate	
Lab	Other	
124	46.15	0.000
Median	46.15	0.000

020.XX	Total Phosphate	
Lab	Total Method	
96	49.89	-16.734
40	46.90	-4.115
102	46.76	-3.524
95	46.40	-2.026
270	46.36	-1.836
Std Dev	46.16	-1.000
124	46.15	-0.971
61	46.13	-0.886
61	46.11	-0.802
24	46.02	-0.422
241	46.02	-0.422
24	46.00	-0.317
34	45.92	0.000
Median	45.92	0.000
140	45.90	0.106
43	45.86	0.274
14	45.84	0.338
99	45.84	0.359
14	45.83	0.380
43	45.82	0.443
31	45.81	0.464
23	45.76	0.696
9	45.72	0.844
23	45.72	0.844
Std Dev	45.68	1.000
110	45.50	1.773

030.20	Insoluble Phosphate	
Lab	Spectrometric	
43	0.40	-1.033
31	0.40	-1.014
Std Dev	0.40	-1.000
43	0.39	-0.916

23	0.34	-0.277
24	0.33	-0.154
Median	0.32	0.000
24	0.31	0.154
9	0.27	0.584
9	0.27	0.584
23	0.26	0.768
Std Dev	0.24	1.000
140	0.21	1.383

030.40	Insoluble Phosphate	
Lab	Automated	
61	0.31	-0.766
34	0.29	0.000
Median	0.29	0.000
Std Dev	0.26	1.000
61	0.24	1.914

030.50	Insoluble Phosphate	
Lab	ICP	
14	0.20	-1.340
Std Dev	0.20	-1.000
Median	0.19	0.000
Std Dev	0.19	1.000
14	0.19	1.340

030.XX	Insoluble Phosphate	
Lab	Total Method	
43	0.40	-1.708
31	0.40	-1.685
43	0.39	-1.562
Std Dev	0.36	-1.000
23	0.34	-0.766
24	0.33	-0.613
61	0.31	-0.306
24	0.31	-0.230
34	0.29	0.000
Median	0.29	0.000
9	0.27	0.306
9	0.27	0.306
23	0.26	0.536
61	0.24	0.766
Std Dev	0.22	1.000
140	0.21	1.302

14	0.20	1.378
14	0.19	1.608

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
24	45.72	-1.809
140	45.69	-1.639
24	45.67	-1.468
Std Dev	45.60	-1.000
23	45.50	-0.341
9	45.45	0.000
9	45.45	0.000
43	45.45	0.000
Median	45.45	0.000
43	45.42	0.205
31	45.41	0.273
23	45.38	0.478

040.40	Indirect Available Phosphate	
Lab	Automated	
61	45.89	-1.230
Std Dev	45.86	-1.000
61	45.81	-0.527
Median	45.75	0.000
14	45.69	0.527
14	45.64	0.967

040.99	Indirect Available Phosphate	
Lab	Other	
34	45.62	0.000
Median	45.62	0.000

040.XX	Indirect Available Phosphate	
Lab	Total Method	
61	45.89	-1.508
61	45.81	-1.061
Std Dev	45.80	-1.000
24	45.72	-0.530
14	45.69	-0.391
140	45.69	-0.391
24	45.67	-0.251
14	45.64	-0.112
34	45.62	0.000
Median	45.62	0.000

23	45.50	0.670
9	45.45	0.949
9	45.45	0.949
43	45.45	0.949
Std Dev	45.44	1.000
43	45.42	1.117
31	45.41	1.173
23	45.38	1.340

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
107	46.34	-2.767
65	46.13	-1.515
Std Dev	46.04	-1.000
39	45.95	-0.495
47	45.87	0.000
Median	45.87	0.000
87	45.86	0.058
44	45.76	0.612
Std Dev	45.69	1.000
49	45.38	2.826

041.20	Direct Available Phosphate	
Lab	Spectrometric	
9	45.81	-0.242
9	45.69	0.000
Median	45.69	0.000
Std Dev	45.19	1.000
47	44.48	2.438

041.40	Direct Available Phosphate	
Lab	Automated	
42	46.49	-1.914
Std Dev	46.27	-1.000
38	46.09	-0.234
Median	46.04	0.000
39	45.98	0.234
Std Dev	45.80	1.000
49	45.56	2.042

041.50	Direct Available Phosphate	
Lab	ICP	
80	45.80	-2.156
66	45.09	-1.285

Std Dev	44.85	-1.000
87	44.03	0.000
Median	44.03	0.000
63	43.99	0.055
63	43.78	0.305

041.60	Direct Available Phosphate	
Lab	EDTA Extract	
65	45.72	-1.340
Std Dev	45.70	-1.000
Median	45.63	0.000
Std Dev	45.56	1.000
77	45.54	1.340

041.XX	Direct Available Phosphate	
Lab	Total Method	
42	46.49	-1.704
107	46.34	-1.364
Std Dev	46.19	-1.000
65	46.13	-0.858
38	46.09	-0.776
39	45.98	-0.517
39	45.95	-0.447
47	45.87	-0.247
87	45.86	-0.223
9	45.81	-0.118
80	45.80	-0.094
44	45.76	0.000
Median	45.76	0.000
65	45.72	0.094
9	45.69	0.165
49	45.56	0.482
77	45.54	0.517
49	45.38	0.893
Std Dev	45.33	1.000
66	45.09	1.587
47	44.48	3.009
87	44.03	4.067
63	43.99	4.173
63	43.78	4.655

048.20	Water Soluble Phosphate	
Lab	Spectrometric	
23	41.92	-1.896

24	41.82	-1.354
24	41.76	-1.012
Std Dev	41.76	-1.000
43	41.59	-0.014
Median	41.58	0.000
140	41.58	0.014
23	41.56	0.128
31	41.48	0.584
Std Dev	41.41	1.000
43	41.36	1.297

048.99	Water Soluble Phosphate	
Lab	Other	
61	41.81	-3.949
Std Dev	41.60	-1.000
61	41.58	-0.705
34	41.53	0.000
Median	41.53	0.000
14	41.49	0.635
Std Dev	41.46	1.000
14	41.45	1.128

048.XX	Water Soluble Phosphate	
Lab	Total Method	
23	41.92	-1.632
24	41.82	-1.169
61	41.81	-1.121
Std Dev	41.79	-1.000
24	41.76	-0.877
43	41.59	-0.024
61	41.58	0.000
140	41.58	0.000
Median	41.58	0.000
23	41.56	0.097
34	41.53	0.244
14	41.49	0.463
31	41.48	0.487
14	41.45	0.633
Std Dev	41.37	1.000
43	41.36	1.096

050.00	Soluble Potash	
Lab	STPB Oxalate	
87	<0.1	0.000

Median	0.00	0.000
050.30	Soluble Potash	
Lab	Atomic Absorption(Oxalate)	
95	0.37	0.000
Median	0.37	0.000

050.51	%K ₂ O	Soluble Potash
Lab	ICP(Citrate)	
87	0.10	0.000
Median	0.10	0.000

050.61	Soluble Potash	
Lab	Flame Photometric(Citrate)	
241	0.01	0.000
Median	0.01	0.000

050.99	%K ₂ O	Soluble Potash
Lab	Other	
23	0.15	-1.125
23	0.15	-1.125
102	0.15	-1.046
Std Dev	0.15	-1.000
43	0.14	-0.343
24	0.14	0.000
61	0.14	0.000
Median	0.14	0.000
43	0.14	0.294
Std Dev	0.13	1.000
61	0.13	1.125
24	0.10	4.499

050.XX	%K ₂ O	Soluble Potash
Lab	Total Method	
87	<0.1	0.000
95	0.37	0.000
Std Dev	0.00	-1.000
23	0.15	0.000
23	0.15	0.000
102	0.15	0.000
43	0.14	0.000
24	0.14	0.000
61	0.14	0.000
Std Dev	0.00	1.000

Median	0.00	0.000
43	0.14	0.000
61	0.13	0.000
24	0.10	0.000
87	0.10	0.000
241	0.01	0.000

060.00	Free Water	
Lab	Vacuum Oven	
31	2.68	-1.614
24	2.54	-1.076
Std Dev	2.51	-1.000
140	2.44	-0.723
24	2.38	-0.501
23	2.26	-0.037
23	2.25	-0.019
Median	2.25	0.000
34	2.24	0.019
43	2.18	0.241
43	2.10	0.538
Std Dev	1.98	1.000
14	1.84	1.521
14	1.83	1.539
124	0.84	5.212

060.10	Free Water	
Lab	Vacuum Desiccate	
61	2.06	-1.340
Std Dev	2.05	-1.000
Median	2.02	0.000
Std Dev	1.98	1.000
61	1.97	1.340

060.XX	Free Water	
Lab	Total Method	
31	2.68	-1.768
24	2.54	-1.222
Std Dev	2.48	-1.000
140	2.44	-0.865
24	2.38	-0.639
23	2.26	-0.169
23	2.25	-0.150
34	2.24	-0.113
Median	2.21	0.000

43	2.18	0.113
43	2.10	0.414
61	2.06	0.564
61	1.97	0.903
Std Dev	1.94	1.000
14	1.84	1.411
14	1.83	1.429
124	0.84	5.153

101.30	Acid Soluble Calcium	
Lab	%CaO	ICP

61	0.53	-2.166
24	0.51	-1.547
Std Dev	0.49	-1.000
23	0.49	-0.773
23	0.48	-0.619
31	0.48	-0.619
14	0.47	-0.309
14	0.47	-0.309
61	0.47	-0.309
9	0.46	0.000
9	0.46	0.000
24	0.46	0.000
Median	0.46	0.000
34	0.45	0.309
87	0.44	0.693
43	0.43	0.834
Std Dev	0.43	1.000
102	0.43	1.041
43	0.43	1.074
39	0.42	1.101
124	0.15	9.622

101.XX	Acid Soluble Calcium	
Lab	%CaO	Total Method

61	0.53	-2.166
24	0.51	-1.547
Std Dev	0.49	-1.000
23	0.49	-0.773
23	0.48	-0.619
31	0.48	-0.619
14	0.47	-0.309
14	0.47	-0.309
61	0.47	-0.309

9	0.46	0.000
9	0.46	0.000
24	0.46	0.000
Median	0.46	0.000
34	0.45	0.309
87	0.44	0.693
43	0.43	0.834
Std Dev	0.43	1.000
102	0.43	1.041
43	0.43	1.074
39	0.42	1.101
124	0.15	9.622

121.00	Acid Soluble Magnesium	
Lab	%MgO	Atomic Absorption

241	1.40	0.000
Median	1.40	0.000

121.30	Acid Soluble Magnesium	
Lab	%MgO	ICP

24	1.61	-2.916
23	1.58	-2.099
23	1.57	-1.983
24	1.56	-1.749
Std Dev	1.53	-1.000
9	1.52	-0.816
102	1.51	-0.655
39	1.50	-0.257
9	1.49	-0.117
34	1.49	-0.117
Median	1.49	0.000
14	1.48	0.117
61	1.48	0.117
14	1.48	0.233
124	1.47	0.466
87	1.46	0.596
Std Dev	1.44	1.000
31	1.44	1.050
61	1.44	1.050
43	1.29	4.548
43	1.25	5.481

121.XX	Acid Soluble Magnesium	
Lab	%MgO	Total Method

24	1.61	-2.607
23	1.58	-1.905
23	1.57	-1.805
24	1.56	-1.604
Std Dev	1.53	-1.000
9	1.52	-0.802
102	1.51	-0.664
39	1.50	-0.321
9	1.49	-0.201
34	1.49	-0.201
14	1.48	0.000
61	1.48	0.000
Median	1.48	0.000
14	1.48	0.100
124	1.47	0.301
87	1.46	0.412
31	1.44	0.802
61	1.44	0.802
Std Dev	1.43	1.000
241	1.40	1.604
43	1.29	3.810
43	1.25	4.612

144..01	Sulfate Sulfur (S)	
Lab	Gravimetric	

61	1.42	-1.340
Std Dev	1.41	-1.000
Median	1.40	0.000
Std Dev	1.39	1.000
61	1.38	1.340

144.99	Sulfate Sulfur (S)	
Lab	Other	

124	6.98	-111.465
43	4.28	-58.707
43	4.16	-56.366
Std Dev	1.32	-1.000
24	1.31	-0.780
14	1.29	-0.488
34	1.28	-0.293
24	1.28	-0.195
14	1.27	0.000
23	1.27	0.000
Median	1.27	0.000

23	1.26	0.098
270	1.25	0.293
9	1.23	0.779
9	1.23	0.779
Std Dev	1.21	1.000
31	1.19	1.560
102	1.14	2.449
87	1.13	2.614

144.XX	Sulfate Sulfur (S)	
Lab	Total Method	

124	6.98	-58.873
43	4.28	-30.983
43	4.16	-29.746
61	1.42	-1.547
61	1.38	-1.134
Std Dev	1.37	-1.000
24	1.31	-0.361
14	1.29	-0.206
34	1.28	-0.103
24	1.28	-0.052
Median	1.27	0.000
14	1.27	0.052
23	1.27	0.052
23	1.26	0.103
270	1.25	0.206
9	1.23	0.463
9	1.23	0.463
31	1.19	0.876
Std Dev	1.17	1.000
102	1.14	1.346
87	1.13	1.433

151.30	Total Arsenic	
Lab	ICP	

102	<5	0.000
270	13.50	-1.559
Std Dev	12.21	-1.000
9	11.89	-0.862
64	9.90	0.000
Median	9.90	0.000
24	8.80	0.478
Std Dev	7.59	1.000
124	1.04	3.836

151.99		
Lab	Total Arsenic	Other
61	12.00	0.000
61	12.00	0.000
Median	12.00	0.000
Std Dev	11.03	1.000
87	9.40	2.680

151.XX		
Lab	Total Arsenic	Total Method
102	<5	0.000
270	13.50	-1.269
Std Dev	12.95	-1.000
61	12.00	-0.538
61	12.00	-0.538
9	11.89	-0.485
Median	10.90	0.000
64	9.90	0.485
87	9.40	0.728
Std Dev	8.84	1.000
24	8.80	1.023
124	1.04	4.800

165.99		
Lab	PPM	Acid Soluble Boron Other
87	445.45	-4.775
Std Dev	129.62	-1.000
24	46.90	-0.011
Median	45.95	0.000
102	45.00	0.011
124	2.70	0.517

65.XX, ppm		
Lab	PPM	Acid Soluble Boron Total Method
87	445.45	-4.775
Std Dev	129.62	-1.000
24	46.90	-0.011
Median	45.95	0.000
102	45.00	0.011
124	2.70	0.517

181.30		
Lab	PPM	Total Cadmium ICP
124	<0.5	0.000
270	3.15	-1.099
Std Dev	3.11	-1.000
61	3.00	-0.697
61	3.00	-0.697
64	2.85	-0.295
9	2.74	0.000
Median	2.74	0.000
87	2.65	0.241
43	2.50	0.643
43	2.45	0.777
Std Dev	2.37	1.000
102	2.20	1.447

181.99		
Lab	Total Cadmium	Other
24	2.79	0.000
Median	2.79	0.000

181.XX		
Lab	PPM	Total Cadmium Total Method
124	<0.5	0.000
270	3.15	-1.222
Std Dev	3.08	-1.000
61	3.00	-0.749
61	3.00	-0.749
64	2.85	-0.276
24	2.79	-0.071
Median	2.76	0.000
9	2.74	0.071
87	2.65	0.355
43	2.50	0.828
43	2.45	0.985
Std Dev	2.45	1.000
102	2.20	1.774

190.00		
Lab	%Al ₂ O ₃	Aluminum ICP
9	1.60	-2.950
14	1.51	-1.475
14	1.50	-1.229
Std Dev	1.48	-1.000
23	1.46	-0.656
9	1.45	-0.492
270	1.45	-0.492
23	1.44	-0.328
34	1.44	-0.328
31	1.43	-0.164
Median	1.42	0.000
24	1.41	0.164
61	1.41	0.164
124	1.39	0.492
24	1.39	0.574
87	1.36	0.940
61	1.36	0.983
Std Dev	1.36	1.000
43	1.23	3.114
43	1.19	3.769
102	1.18	3.895

190.XX		
Lab	%Al ₂ O ₃	Aluminum Total Method
9	1.60	-2.950
14	1.51	-1.475
14	1.50	-1.229
Std Dev	1.48	-1.000
23	1.46	-0.656
9	1.45	-0.492
270	1.45	-0.492
23	1.44	-0.328
34	1.44	-0.328
31	1.43	-0.164
Median	1.42	0.000
24	1.41	0.164
61	1.41	0.164
124	1.39	0.492
24	1.39	0.574
87	1.36	0.940
61	1.36	0.983
Std Dev	1.36	1.000
43	1.23	3.114
43	1.19	3.769
102	1.18	3.895

191.99		
Lab	PPM	Total Chromium Other
24	122.50	0.000
Median	122.50	0.000

191.XX		
Lab	PPM	Total Chromium Total Method
24	122.50	-2.408
87	117.05	-1.267
Std Dev	115.78	-1.000
61	114.00	-0.628
64	113.50	-0.523
270	113.00	-0.419
61	111.00	0.000
Median	111.00	0.000
43	108.50	0.523
31	108.00	0.628
124	106.70	0.900
Std Dev	106.22	1.000
43	106.00	1.047
102	83.00	5.863

191.30		
Lab	PPM	Acid Soluble Cobalt ICP
124	<0.5	0.000
64	3.13	-0.819
61	3.00	-0.447
61	3.00	-0.447
87	2.90	-0.149
270	2.85	0.000
Median	2.85	0.000
9	2.80	0.149

191.99		
Lab	PPM	Total Chromium Other
24	122.50	0.000
Median	122.50	0.000

191.XX		
Lab	PPM	Total Chromium Total Method
24	122.50	-2.408
87	117.05	-1.267
Std Dev	115.78	-1.000
61	114.00	-0.628
64	113.50	-0.523
270	113.00	-0.419
61	111.00	0.000
Median	111.00	0.000
43	108.50	0.523
31	108.00	0.628
124	106.70	0.900
Std Dev	106.22	1.000
43	106.00	1.047
102	83.00	5.863

202.30		
Lab	PPM	Acid Soluble Cobalt ICP
124	<0.5	0.000
64	3.13	-0.819
61	3.00	-0.447
61	3.00	-0.447
87	2.90	-0.149
270	2.85	0.000
Median	2.85	0.000
9	2.80	0.149

102	2.55	0.893
Std Dev	2.51	1.000
43	2.50	1.042
43	2.00	2.531

202.99	Acid Soluble Cobalt	
Lab	Other	
24	2.76	0.000
Median	2.76	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
124	<0.5	0.000
64	3.13	-1.076
Std Dev	3.10	-1.000

61	3.00	-0.627
61	3.00	-0.627
87	2.90	-0.269
270	2.85	-0.090
Median	2.83	0.000
9	2.80	0.090
24	2.76	0.251
102	2.55	0.986
Std Dev	2.55	1.000
43	2.50	1.165
43	2.00	2.958

221.30	Acid Soluble Copper	
Lab	PPM	ICP
43	<1	0.000
87	<0.9	0.000
270	1.50	-8.933
102	1.10	-1.787
Std Dev	1.06	-1.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
124	0.27	13.078

221.99	Acid Soluble Copper	
Lab	Other	
24	0.90	0.000
Median	0.90	0.000

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
43	<1	0.000
87	<0.9	0.000
270	1.50	-6.537
102	1.10	-1.307
Std Dev	1.08	-1.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
Std Dev	0.92	1.000
24	0.90	1.373
124	0.27	9.570

241.00	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Atomic Absorption
241	1.35	0.000
Median	1.35	0.000

241.30	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	ICP
270	1.71	-4.302
24	1.59	-2.609
24	1.50	-1.340
Std Dev	1.47	-1.000
14	1.46	-0.776
14	1.44	-0.564
124	1.43	-0.423
23	1.42	-0.282
23	1.42	-0.282
34	1.42	-0.282
9	1.40	0.000
Median	1.40	0.000
9	1.39	0.141
39	1.38	0.282
31	1.37	0.494
43	1.35	0.705
61	1.33	0.987
Std Dev	1.33	1.000
102	1.32	1.109
87	1.32	1.114
43	1.32	1.128

61	1.31	1.269
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241.XX	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Total Method
270	1.71	-4.747
24	1.59	-2.910
24	1.50	-1.531
Std Dev	1.46	-1.000
14	1.46	-0.919
14	1.44	-0.689
124	1.43	-0.536
23	1.42	-0.383
23	1.42	-0.383
34	1.42	-0.383
9	1.40	-0.077
Median	1.40	0.000
9	1.39	0.077
39	1.38	0.230
31	1.37	0.459
43	1.35	0.689
241	1.35	0.689
61	1.33	0.995
Std Dev	1.33	1.000
102	1.32	1.127
87	1.32	1.133
43	1.32	1.149
61	1.31	1.302

251.30	Total Lead	
Lab	PPM	ICP
64	BDL	0.000
87	<5	0.000
102	<5	0.000
124	8.22	-9.143
61	3.00	-1.149
Std Dev	2.90	-1.000
270	2.50	-0.383
Median	2.25	0.000
43	2.00	0.383
43	2.00	0.383
61	2.00	0.383

251.99	Total Lead	
Lab	Other	

24	2.39	0.000
Median	2.39	0.000

251.XX	Total Lead	
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
124	8.22	-10.416
61	3.00	-1.090
Std Dev	2.95	-1.000
270	2.50	-0.197
24	2.39	0.000
Median	2.39	0.000
43	2.00	0.697
43	2.00	0.697
61	2.00	0.697

261.30	Acid Soluble Manganese	
Lab	ICP	
87	283.10	-0.754
39	280.00	-0.105
61	280.00	-0.105
Median	279.50	0.000
61	279.00	0.105
Std Dev	274.72	1.000
102	271.80	1.612
31	268.50	2.303

261.99	Acid Soluble Manganese	
Lab	PPM	Other
24	310.50	-2.861
Std Dev	287.41	-1.000
43	279.00	-0.322
Median	275.00	0.000
43	271.00	0.322
124	268.00	0.564

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
24	310.50	-4.797
Std Dev	285.57	-1.000
87	283.10	-0.624
39	280.00	-0.152

61	280.00	-0.152
43	279.00	0.000
61	279.00	0.000
Median	279.00	0.000
Std Dev	272.43	1.000
102	271.80	1.096
43	271.00	1.218
31	268.50	1.599
124	268.00	1.675

281.30 Total Mercury		
Lab	PPM	ICP
24	<0.12	0.000
124	<0.1	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
102	<.4	0.000
Median	0.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
24	<0.12	0.000
124	<0.1	0.000
102	<.4	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
61	9.00	-1.327
Std Dev	8.75	-1.000
9	8.53	-0.703
64	8.41	-0.544
87	8.25	-0.332
270	8.00	0.000
Median	8.00	0.000
43	7.50	0.663
102	7.40	0.796
Std Dev	7.25	1.000
43	6.90	1.459
124	2.62	7.138

289.99 Total Molybdenum		
Lab	PPM	Other
24	9.38	0.000
Median	9.38	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
24	9.38	-1.558
61	9.00	-1.091
Std Dev	8.93	-1.000
9	8.53	-0.505
64	8.41	-0.355
87	8.25	-0.156
Median	8.13	0.000
270	8.00	0.156
43	7.50	0.779
102	7.40	0.904
Std Dev	7.32	1.000
43	6.90	1.527
124	2.62	6.862

291.30 Total Nickel		
Lab	PPM	ICP
270	12.00	-1.322
Std Dev	11.74	-1.000
64	11.15	-0.270
9	11.12	-0.240
61	11.00	-0.092
61	11.00	-0.092
Median	10.93	0.000
87	10.85	0.092
Std Dev	10.11	1.000
43	10.00	1.137
43	10.00	1.137
102	10.00	1.137
124	3.32	9.349

291.99 Total Nickel		
Lab	PPM	Other
24	12.20	0.000
Median	12.20	0.000

291.XX Total Nickel		
Lab	PPM	Total Method

24	12.20	-1.420
270	12.00	-1.183
Std Dev	11.85	-1.000
64	11.15	-0.172
9	11.12	-0.142
61	11.00	0.000
61	11.00	0.000
Median	11.00	0.000
87	10.85	0.177
Std Dev	10.15	1.000
43	10.00	1.183
43	10.00	1.183
102	10.00	1.183
124	3.32	9.087

301.30 Total Selenium		
Lab	PPM	ICP
64	BDL	0.000
102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
Median	0.00	0.000

301.99 Total Selenium		
Lab	PPM	Other
61	0.09	0.000
Median	0.09	0.000

301.XX Total Selenium		
Lab	PPM	Total Method
64	BDL	0.000
102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
61	0.09	0.000
Median	0.09	0.000

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
61	0.26	-1.340
Std Dev	0.26	-1.000
Median	0.25	0.000

Std Dev	0.24	1.000
61	0.24	1.340

311.99 Sodium		
Lab	%Na ₂ O	Other
24	0.26	-0.679
23	0.26	-0.509
87	0.25	-0.364
24	0.25	-0.339
23	0.24	0.000
Median	0.24	0.000
102	0.22	0.704
43	0.21	0.976
Std Dev	0.21	1.000
43	0.19	1.619
241	0.06	6.108

311.XX Sodium		
Lab	%Na ₂ O	Total Method
24	0.26	-0.712
61	0.26	-0.712
23	0.26	-0.534
87	0.25	-0.382
24	0.25	-0.356
23	0.24	0.000
61	0.24	0.000
Median	0.24	0.000
102	0.22	0.739
Std Dev	0.21	1.000
43	0.21	1.025
43	0.19	1.699
241	0.06	6.411

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
9	3131.00	-1725.250
24	258.00	-121.158
61	43.00	-1.117
Std Dev	42.79	-1.000
64	41.11	-0.061
61	41.00	0.000
270	41.00	0.000
Median	41.00	0.000
87	40.60	0.223

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Std Dev	39.21	1.000
102	38.15	1.591
124	33.98	3.920

321.99		Acid Soluble Zinc	
Lab		Other	
43	38.00	-1.340	
Std Dev	37.87	-1.000	
Median	37.50	0.000	
Std Dev	37.13	1.000	
43	37.00	1.340	

321.XX		Acid Soluble Zinc	
Lab	PPM	Total Method	
9	3131.00	#####	
24	258.00	-73.060	
Std Dev	43.97	-1.000	
61	43.00	-0.673	
64	41.11	-0.037	
61	41.00	0.000	
270	41.00	0.000	
Median	41.00	0.000	
87	40.60	0.135	
102	38.15	0.960	
Std Dev	38.03	1.000	
43	38.00	1.010	
43	37.00	1.347	
124	33.98	2.364	

325.10		Fluoride	
Lab	%	Electrode	
23	2.26	-0.960	
23	2.25	-0.827	
102	2.23	-0.562	
34	2.21	-0.298	
24	2.20	-0.165	
Median	2.19	0.000	
24	2.18	0.165	
270	2.15	0.496	
31	2.12	0.960	
Std Dev	2.11	1.000	
14	2.05	1.886	
14	1.98	2.812	

325.30		Fluoride	
Lab		Distilled/Electrode	
9	1.72	-1.340	
Std Dev	1.72	-1.000	
Median	1.71	0.000	
Std Dev	1.69	1.000	
9	1.69	1.340	

325.99		Fluoride	
Lab	%	Other	
61	2.09	-1.340	
Std Dev	2.08	-1.000	
Median	2.07	0.000	
Std Dev	2.05	1.000	
61	2.04	1.340	

325.XX		Fluoride	
Lab	%	Total Method	
23	2.26	-1.028	
Std Dev	2.26	-1.000	
23	2.25	-0.947	
102	2.23	-0.786	
34	2.21	-0.625	
24	2.20	-0.544	
24	2.18	-0.343	
270	2.15	-0.141	
Median	2.13	0.000	
31	2.12	0.141	
61	2.09	0.343	
14	2.05	0.705	
61	2.04	0.746	
Std Dev	2.01	1.000	
14	1.98	1.269	
9	1.72	3.325	
9	1.69	3.567	