

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
79	17.66	0.000
Median	17.66	0.000

001.99 Ammoniacal Nitrogen		
Lab	Other	
24	17.70	-2.558
Std Dev	17.67	-1.000
31	17.65	-0.122
Median	17.65	0.000
24	17.65	0.122
Std Dev	17.63	1.000
140	17.61	2.071

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
24	17.70	-4.467
Std Dev	17.66	-1.000
79	17.66	-0.893
31	17.65	0.000
Median	17.65	0.000
24	17.65	0.447
Std Dev	17.64	1.000
140	17.61	4.020

005.99 Nitrogen from Urea		
Lab	Other	
38	17.03	-1.340
Std Dev	14.94	-1.000
Median	8.79	0.000
Std Dev	2.65	1.000
49	0.56	1.340

005.XX Nitrogen from Urea		
Lab	Total Method	
38	17.03	-1.340
Std Dev	14.94	-1.000
Median	8.79	0.000
Std Dev	2.65	1.000
49	0.56	1.340

010.10 Total Nitrogen		
Lab	Reduced Iron	
40	18.51	0.000
Median	18.51	0.000

40	18.51	0.000
Median	18.51	0.000

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
79	18.18	-2.122
Std Dev	18.07	-1.000
140	18.03	-0.503
49	17.99	0.000
Median	17.99	0.000
43	17.91	0.837
43	17.90	0.949

010.12 Total Nitrogen		
Lab	Salicylic	
119	17.78	-1.340
Std Dev	17.77	-1.000
Median	17.76	0.000
Std Dev	17.75	1.000
107	17.75	1.340

010.17 Total Nitrogen		
Lab	Comprehensive	
61	18.61	-1.340
Std Dev	18.58	-1.000
Median	18.49	0.000
Std Dev	18.39	1.000
61	18.36	1.340

010.60 Total Nitrogen		
Lab	Combustion	
99	18.31	-1.855
31	18.28	-1.615
Std Dev	18.19	-1.000
64	18.18	-0.962
104	18.14	-0.687
42	18.13	-0.584
65	18.11	-0.447
103	18.10	-0.412
9	18.08	-0.241
111	18.06	-0.137
14	18.06	-0.103
39	18.06	-0.103
14	18.04	0.000

24	18.04	0.000
77	18.04	0.000
Median	18.04	0.000
38	17.96	0.550
24	17.96	0.584
49	17.94	0.687
123	17.91	0.893
75	17.90	0.996
Std Dev	17.89	1.000
44	17.86	1.271
87	17.76	1.958
270	17.75	1.993
102	17.73	2.165
80	17.60	3.024

010.99 Total Nitrogen		
Lab	Other	
47	18.03	-1.049
Std Dev	18.03	-1.000
34	18.01	-0.583
Median	17.99	0.000
23	17.96	0.583
23	17.95	0.816

010.XX Total Nitrogen		
Lab	Total Method	
61	18.61	-4.011
40	18.51	-3.320
61	18.36	-2.282
99	18.31	-1.937
31	18.28	-1.694
64	18.18	-1.037
79	18.18	-1.003
Std Dev	18.17	-1.000
104	18.14	-0.761
42	18.13	-0.657
65	18.11	-0.519
103	18.10	-0.484
9	18.08	-0.311
111	18.06	-0.207
14	18.06	-0.173
39	18.06	-0.173
14	18.04	-0.069
24	18.04	-0.069

77	18.04	-0.069
47	18.03	0.000
140	18.03	0.000
Median	18.03	0.000
34	18.01	0.138
49	17.99	0.311
23	17.96	0.484
38	17.96	0.484
24	17.96	0.519
23	17.95	0.553
49	17.94	0.622
43	17.91	0.830
123	17.91	0.830
43	17.90	0.899
75	17.90	0.934
Std Dev	17.89	1.000
44	17.86	1.210
119	17.78	1.764
87	17.76	1.902
107	17.75	1.937
270	17.75	1.937
102	17.73	2.109
80	17.60	2.974

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
103	47.93	-1.268
Std Dev	47.78	-1.000
40	47.23	0.000
Median	47.23	0.000
Std Dev	46.68	1.000
79	46.45	1.412

020.20 Total Phosphate		
Lab	Spectrometric	
123	47.35	-6.030
102	47.13	-4.523
9	46.78	-2.178
Std Dev	46.60	-1.000
34	46.59	-0.938
99	46.57	-0.770
24	46.51	-0.369
23	46.46	-0.033
220	46.45	-0.026

14	46.45	0.000
Median	46.45	0.000
14	46.44	0.067
140	46.39	0.402
24	46.37	0.536
31	46.37	0.570
43	46.35	0.704
23	46.31	0.938
Std Dev	46.30	1.000
270	46.20	1.675
43	46.17	1.910

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	46.54	0.000
Median	46.54	0.000

020.40	Total Phosphate	
Lab	Automated	
61	46.97	-0.443
61	46.87	0.000
Median	46.87	0.000
Std Dev	46.64	1.000
9	46.37	2.237

020.XX	Total Phosphate	
Lab	Total Method	
103	47.93	-4.598
123	47.35	-2.791
40	47.23	-2.417
102	47.13	-2.090
61	46.97	-1.607
61	46.87	-1.295
Std Dev	46.78	-1.000
9	46.78	-0.999
34	46.59	-0.422
99	46.57	-0.345
111	46.54	-0.251
24	46.51	-0.158
23	46.46	-0.002
Median	46.45	0.000
220	46.45	0.002
14	46.45	0.014
79	46.45	0.014

14	46.44	0.045
140	46.39	0.201
24	46.37	0.263
9	46.37	0.279
31	46.37	0.279
43	46.35	0.341
23	46.31	0.450
270	46.20	0.793
43	46.17	0.902

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
79	0.13	0.000
Median	0.13	0.000

030.20	Insoluble Phosphate	
Lab	Spectrometric	
24	0.36	-1.320
43	0.33	-1.085
Std Dev	0.33	-1.000
43	0.28	-0.499
31	0.28	-0.459
24	0.25	-0.057
9	0.24	0.000
Median	0.24	0.000
23	0.21	0.344
140	0.17	0.803
23	0.16	0.918
Std Dev	0.15	1.000
14	0.15	1.090
14	0.14	1.148

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.22	-0.670
61	0.20	0.000
Median	0.20	0.000
Std Dev	0.17	1.000
61	0.14	2.010

030.XX	Insoluble Phosphate	
Lab	Total Method	
24	0.36	-1.766
43	0.33	-1.517

Std Dev	0.29	-1.000
43	0.28	-0.895
31	0.28	-0.853
24	0.25	-0.426
9	0.24	-0.365
34	0.22	-0.122
23	0.21	0.000
Median	0.21	0.000
61	0.20	0.122
140	0.17	0.487
23	0.16	0.609
14	0.15	0.792
14	0.14	0.853
61	0.14	0.853
79	0.13	0.975

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
123	47.27	-6.220
9	46.57	-2.207
Std Dev	46.36	-1.000
14	46.33	-0.831
14	46.33	-0.803
23	46.30	-0.631
140	46.22	-0.201
Median	46.19	0.000
24	46.15	0.201
24	46.12	0.373
23	46.10	0.487
31	46.07	0.659
Std Dev	46.01	1.000
43	46.01	1.003
43	45.88	1.748

040.40	Indirect Available Phosphate	
Lab	Automated	
61	46.83	-1.340
Std Dev	46.82	-1.000
Median	46.78	0.000
Std Dev	46.74	1.000
61	46.73	1.340

040.99	Indirect Available Phosphate	
Lab	Other	

79	46.71	-0.638
34	46.36	0.000
Median	46.36	0.000
Std Dev	45.81	1.000
38	45.24	2.042

040.XX	Indirect Available Phosphate	
Lab	Total Method	
123	47.27	-2.780
61	46.83	-1.525
61	46.73	-1.240
79	46.71	-1.183
Std Dev	46.65	-1.000
9	46.57	-0.784
34	46.36	-0.185
14	46.33	-0.100
14	46.33	-0.086
23	46.30	0.000
Median	46.30	0.000
140	46.22	0.214
24	46.15	0.413
24	46.12	0.499
23	46.10	0.556
31	46.07	0.641
43	46.01	0.813
Std Dev	45.94	1.000
43	45.88	1.183
38	45.24	3.008

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
119	46.86	-0.906
47	46.79	-0.732
44	46.73	-0.583
87	46.59	-0.236
39	46.50	0.000
65	46.50	0.000
Median	46.50	0.000
49	46.19	0.757
104	46.15	0.856
Std Dev	46.09	1.000
107	45.85	1.601

041.20 Direct Available Phosphate		
Lab	Spectrometric	
220	45.45	0.000
Median	45.45	0.000

041.40 Direct Available Phosphate		
Lab	Automated	
39	46.55	-2.301
Std Dev	46.32	-1.000
49	46.15	0.000
Median	46.15	0.000
42	46.09	0.379

041.50 Direct Available Phosphate		
Lab	ICP	
80	45.05	-1.340
Std Dev	44.97	-1.000
Median	44.75	0.000
Std Dev	44.53	1.000
87	44.46	1.340

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
65	46.35	-1.991
Std Dev	46.29	-1.000
64	46.22	0.000
Median	46.22	0.000
77	46.18	0.689

041.XX Direct Available Phosphate		
Lab	Total Method	
119	46.86	-2.035
47	46.79	-1.818
44	46.73	-1.631
87	46.59	-1.196
39	46.55	-1.056
Std Dev	46.53	-1.000
39	46.50	-0.901
65	46.50	-0.901
65	46.35	-0.451
64	46.22	-0.047
Median	46.21	0.000
49	46.19	0.047
77	46.18	0.093

49	46.15	0.171
104	46.15	0.171
42	46.09	0.373
Std Dev	45.88	1.000
107	45.85	1.103
220	45.45	2.335
80	45.05	3.589
87	44.46	5.438

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
79	40.42	0.000
Median	40.42	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
24	42.61	-2.303
9	42.34	-1.221
Std Dev	42.28	-1.000
220	42.24	-0.815
31	42.18	-0.581
24	42.12	-0.340
23	42.08	-0.180
Median	42.04	0.000
23	41.99	0.180
43	41.91	0.501
140	41.89	0.581
Std Dev	41.79	1.000
14	41.77	1.061
14	41.75	1.141
43	41.70	1.362

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	41.39	0.000
Median	41.39	0.000

048.99 Water Soluble Phosphate		
Lab	Other	
61	42.13	-0.249
34	42.03	-0.088
Median	41.98	0.000
61	41.92	0.088
Std Dev	41.35	1.000

123	39.13	4.581
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048.XX Water Soluble Phosphate		
Lab	Total Method	
24	42.61	-2.356
9	42.34	-1.385
220	42.24	-1.019
Std Dev	42.23	-1.000
31	42.18	-0.809
61	42.13	-0.630
24	42.12	-0.594
23	42.08	-0.450
34	42.03	-0.270
23	41.99	-0.126
Median	41.96	0.000
61	41.92	0.126
43	41.91	0.162
140	41.89	0.234
14	41.77	0.666
14	41.75	0.737
43	41.70	0.935
Std Dev	41.68	1.000
111	41.39	2.050
79	40.42	5.522
123	39.13	10.180

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

050.51 %K ₂ O Soluble Potash		
Lab	ICP(Citrate)	
87	<0.1	0.000
Median	0.00	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
61	0.14	-2.141
102	0.14	-1.410
23	0.14	-1.033
23	0.14	-1.033
Std Dev	0.13	-1.000
43	0.13	0.000

Median	0.13	0.000
61	0.13	0.075
43	0.13	0.307
Std Dev	0.13	1.000
24	0.12	2.291
24	0.11	4.508

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
87	<0.1	0.000
87	<0.1	0.000
61	0.14	0.000
Std Dev	0.00	-1.000
102	0.14	0.000
23	0.14	0.000
23	0.14	0.000
43	0.13	0.000
Median	0.00	0.000
61	0.13	0.000
43	0.13	0.000
Std Dev	0.00	1.000
24	0.12	0.000
24	0.11	0.000

060.00 Free Water		
Lab	Vacuum Oven	
111	2.32	-1.255
23	2.27	-1.014
Std Dev	2.26	-1.000
23	2.21	-0.748
123	2.18	-0.579
31	2.08	-0.121
24	2.07	-0.072
9	2.06	0.000
24	2.06	0.000
140	2.06	0.000
Median	2.06	0.000
34	1.95	0.507
14	1.86	0.942
Std Dev	1.85	1.000
14	1.84	1.038
43	1.84	1.062
79	1.72	1.618
43	1.71	1.690

060.10 Free Water		
Lab	Vacuum Desiccate	
61	1.98	-1.340
Std Dev	1.98	-1.000
Median	1.97	0.000
Std Dev	1.96	1.000
61	1.96	1.340

060.99 Free Water		
Lab	Other	
220	1.96	0.000
Median	1.96	0.000

060.XX Free Water		
Lab	Total Method	
111	2.32	-2.044
23	2.27	-1.701
23	2.21	-1.323
123	2.18	-1.082
Std Dev	2.16	-1.000
31	2.08	-0.429
24	2.07	-0.361
9	2.06	-0.258
24	2.06	-0.258
140	2.06	-0.258
Median	2.02	0.000
61	1.98	0.258
61	1.96	0.395
220	1.96	0.429
34	1.95	0.464
Std Dev	1.87	1.000
14	1.86	1.082
14	1.84	1.220
43	1.84	1.254
79	1.72	2.044
43	1.71	2.147

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
79	0.33	-4.467
14	0.30	-1.787
14	0.30	-1.787
34	0.30	-1.787

Std Dev	0.29	-1.000
23	0.29	-0.447
31	0.29	-0.447
23	0.28	0.000
24	0.28	0.000
61	0.28	0.000
61	0.28	0.000
Median	0.28	0.000
102	0.27	0.581
39	0.27	0.625
24	0.27	0.893
Std Dev	0.27	1.000
87	0.27	1.077
43	0.27	1.233
9	0.27	1.340
43	0.26	1.389

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
79	0.33	-4.467
14	0.30	-1.787
14	0.30	-1.787
34	0.30	-1.787
Std Dev	0.29	-1.000
23	0.29	-0.447
31	0.29	-0.447
23	0.28	0.000
24	0.28	0.000
61	0.28	0.000
61	0.28	0.000
Median	0.28	0.000
102	0.27	0.581
39	0.27	0.625
24	0.27	0.893
Std Dev	0.27	1.000
87	0.27	1.077
43	0.27	1.233
9	0.27	1.340
43	0.26	1.389

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
34	1.13	-1.340
102	1.13	-1.276

24	1.13	-1.206
Std Dev	1.12	-1.000
23	1.10	-0.536
14	1.10	-0.402
14	1.10	-0.402
24	1.10	-0.402
39	1.09	-0.201
9	1.08	0.000
Median	1.08	0.000
23	1.07	0.268
87	1.06	0.608
61	1.05	0.804
31	1.05	0.938
Std Dev	1.04	1.000
61	1.04	1.072
43	1.01	1.876
43	1.01	2.010
79	0.90	4.824

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
34	1.13	-1.340
102	1.13	-1.276
24	1.13	-1.206
Std Dev	1.12	-1.000
23	1.10	-0.536
14	1.10	-0.402
14	1.10	-0.402
24	1.10	-0.402
39	1.09	-0.201
9	1.08	0.000
Median	1.08	0.000
23	1.07	0.268
87	1.06	0.608
61	1.05	0.804
31	1.05	0.938
Std Dev	1.04	1.000
61	1.04	1.072
43	1.01	1.876
43	1.01	2.010
79	0.90	4.824

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	

220	2.10	-1.787
Std Dev	2.07	-1.000
61	2.04	0.000
Median	2.04	0.000
61	2.01	0.893

144.02 Sulfate Sulfur (S)		
Lab	Gravimetric	
79	2.20	-1.340
Std Dev	2.19	-1.000
Median	2.16	0.000
Std Dev	2.12	1.000
111	2.11	1.340

144.70 Sulfur		
Lab	Spectrometric	
14	1.95	-1.340
Std Dev	1.95	-1.000
Median	1.95	0.000
Std Dev	1.94	1.000
14	1.94	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
43	2.12	-3.628
43	1.96	-1.361
34	1.94	-1.154
Std Dev	1.93	-1.000
24	1.90	-0.605
23	1.86	-0.055
87	1.86	0.000
Median	1.86	0.000
24	1.86	0.014
270	1.83	0.426
31	1.82	0.495
23	1.81	0.701
Std Dev	1.78	1.000
102	1.73	1.668

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
79	2.20	-1.966
43	2.12	-1.361
111	2.11	-1.285

220	2.10	-1.210
Std Dev	2.07	-1.000
61	2.04	-0.756
61	2.01	-0.529
43	1.96	-0.113
14	1.95	-0.076
14	1.94	0.000
34	1.94	0.000
Median	1.94	0.000
24	1.90	0.302
23	1.86	0.605
87	1.86	0.635
24	1.86	0.643
270	1.83	0.869
31	1.82	0.907
Std Dev	1.81	1.000
23	1.81	1.021
102	1.73	1.553

151.30	Total Arsenic	
Lab	ICP	
102	<5	0.000
9	22.00	-2.360
Std Dev	17.33	-1.000
270	16.00	-0.612
64	13.90	0.000
Median	13.90	0.000
24	11.40	0.728
Std Dev	10.47	1.000
79	5.00	2.593

151.99	Total Arsenic	
Lab	Other	
61	15.00	0.000
61	15.00	0.000
Median	15.00	0.000
Std Dev	13.69	1.000
87	11.50	2.680

151.XX	Total Arsenic	
Lab	Total Method	
102	<5	0.000
9	22.00	-2.680
Std Dev	17.27	-1.000

270	16.00	-0.550
61	15.00	-0.195
61	15.00	-0.195
Median	14.45	0.000
64	13.90	0.195
Std Dev	11.63	1.000
87	11.50	1.047
24	11.40	1.083
79	5.00	3.354

165.99	Acid Soluble Boron	
Lab	PPM	Other
87	315.70	-2.606
Std Dev	145.97	-1.000
24	40.30	0.000
Median	40.30	0.000
102	32.50	0.074

165.XX, ppm	Acid Soluble Boron	
Lab	PPM	Total Method
87	315.70	-2.606
Std Dev	145.97	-1.000
24	40.30	0.000
Median	40.30	0.000
102	32.50	0.074

181.00	Total Cadmium	
Lab	Atomic Absorbtion	
220	7.80	0.000
Median	7.80	0.000

181.30	Total Cadmium	
Lab	PPM	ICP
61	7.00	-1.684
270	6.80	-1.123
Std Dev	6.76	-1.000
87	6.55	-0.421
9	6.40	0.000
43	6.40	0.000
43	6.40	0.000
Median	6.40	0.000
64	6.14	0.730
Std Dev	6.04	1.000
79	6.00	1.123

102	5.95	1.263
31	4.30	5.893

181.99	Total Cadmium	
Lab	Other	
24	6.76	0.000
Median	6.76	0.000

181.XX	Total Cadmium	
Lab	PPM	Total Method
220	7.80	-2.821
61	7.00	-1.209
Std Dev	6.90	-1.000
270	6.80	-0.806
24	6.76	-0.725
87	6.55	-0.302
9	6.40	0.000
43	6.40	0.000
43	6.40	0.000
Median	6.40	0.000
64	6.14	0.524
79	6.00	0.806
102	5.95	0.907
Std Dev	5.90	1.000
31	4.30	4.232

190.00	Aluminum	
Lab	%Al ₂ O ₃	ICP
14	1.53	-2.047
14	1.52	-1.944
9	1.50	-1.433
34	1.48	-1.126
Std Dev	1.47	-1.000
24	1.46	-0.614
31	1.46	-0.614
61	1.44	-0.307
24	1.43	0.000
43	1.43	0.000
Median	1.43	0.000
23	1.42	0.205
43	1.40	0.512
87	1.40	0.559
61	1.39	0.716
23	1.38	0.921

79	1.38	0.921
Std Dev	1.38	1.000
102	1.26	3.413

190.99	Aluminum	
Lab	%Al ₂ O ₃	Atomic Absorption
220	1.74	0.000
Median	1.74	0.000

190.XX	Aluminum	
Lab	%Al ₂ O ₃	Total Method
220	1.74	-5.047
14	1.53	-1.628
14	1.52	-1.547
9	1.50	-1.140
Std Dev	1.49	-1.000
34	1.48	-0.895
24	1.46	-0.488
31	1.46	-0.488
61	1.44	-0.244
24	1.43	0.000
43	1.43	0.000
Median	1.43	0.000
23	1.42	0.163
43	1.40	0.407
87	1.40	0.445
61	1.39	0.570
23	1.38	0.733
79	1.38	0.733
Std Dev	1.36	1.000
102	1.26	2.715

191.30	Total Chromium	
Lab	ICP	
87	105.95	-1.953
Std Dev	102.47	-1.000
43	102.00	-0.870
43	100.50	-0.459
31	100.00	-0.321
Median	98.83	0.000
64	97.66	0.321
9	96.50	0.638
Std Dev	95.18	1.000
102	94.45	1.200

61	93.00	1.598
191.99 Total Chromium		
Lab	PPM	Other
24	105.50	0.000
Median	105.50	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
87	105.95	-1.450
24	105.50	-1.340
Std Dev	104.10	-1.000
43	102.00	-0.487
43	100.50	-0.122
31	100.00	0.000
Median	100.00	0.000
64	97.66	0.571
9	96.50	0.853
Std Dev	95.90	1.000
102	94.45	1.352
61	93.00	1.705

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
270	5.50	-19.143
64	3.50	-3.829
Std Dev	3.13	-1.000
9	3.00	0.000
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.87	1.000
87	2.80	1.531
102	2.55	3.446

202.99 Acid Soluble Cobalt		
Lab	PPM	Other
24	3.06	0.000
Median	3.06	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
270	5.50	-55.833

64	3.50	-11.167
24	3.06	-1.340
Std Dev	3.04	-1.000
9	3.00	0.000
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.96	1.000
87	2.80	4.467
102	2.55	10.050

221.30 Acid Soluble Copper		
Lab	PPM	ICP
270	18.50	-2.749
9	14.50	-1.374
Std Dev	13.41	-1.000
61	12.00	-0.515
43	10.50	0.000
Median	10.50	0.000
43	10.00	0.172
87	8.70	0.618
102	8.35	0.739

221.99 Acid Soluble Copper		
Lab	PPM	Other
24	14.35	0.000
Median	14.35	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
270	18.50	-2.062
Std Dev	14.77	-1.000
9	14.50	-0.924
24	14.35	-0.881
61	12.00	-0.213
Median	11.25	0.000
43	10.50	0.213
43	10.00	0.355
87	8.70	0.725
102	8.35	0.825

241.00 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Atomic Absorption

220	1.20	0.000
Median	1.20	0.000

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
79	1.36	-4.132
34	1.23	-1.228
Std Dev	1.22	-1.000
24	1.21	-0.782
14	1.21	-0.670
14	1.20	-0.558
24	1.19	-0.335
9	1.18	-0.112
31	1.18	-0.112
23	1.18	0.000
Median	1.18	0.000
87	1.16	0.225
39	1.16	0.290
43	1.16	0.335
23	1.14	0.782
43	1.14	0.782
102	1.13	0.966
Std Dev	1.13	1.000
61	1.12	1.228
61	1.11	1.452

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
79	1.36	-4.446
34	1.23	-1.279
Std Dev	1.22	-1.000
24	1.21	-0.792
14	1.21	-0.670
14	1.20	-0.548
220	1.20	-0.548
24	1.19	-0.305
9	1.18	-0.061
31	1.18	-0.061
Median	1.18	0.000
23	1.18	0.061
87	1.16	0.306
39	1.16	0.378
43	1.16	0.426
23	1.14	0.914

43	1.14	0.914
Std Dev	1.14	1.000
102	1.13	1.115
61	1.12	1.401
61	1.11	1.645

251.30 Total Lead		
Lab	PPM	ICP
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	3.50	-1.340
Std Dev	3.31	-1.000
Median	2.75	0.000
61	2.00	1.340

251.99 Total Lead		
Lab	PPM	Other
24	1.79	-1.340
Std Dev	1.75	-1.000
Median	1.64	0.000
Std Dev	1.54	1.000
270	1.50	1.340

251.XX Total Lead		
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	3.50	-3.258
Std Dev	2.39	-1.000
61	2.00	-0.218
Median	1.89	0.000
24	1.79	0.218
270	1.50	0.795

261.30 Acid Soluble Manganese		
Lab	PPM	ICP
87	270.65	-1.724
39	269.50	-1.519
Std Dev	266.60	-1.000
9	261.00	0.000
61	261.00	0.000
Median	261.00	0.000

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31	259.50	0.268
Std Dev	255.40	1.000
102	253.30	1.376

261.99 Acid Soluble Manganese		
Lab	PPM	Other
24	287.00	-2.268
Std Dev	277.78	-1.000
43	270.50	0.000
Median	270.50	0.000
43	267.50	0.412

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
24	287.00	-2.751
Std Dev	274.59	-1.000
87	270.65	-0.444
43	270.50	-0.423
39	269.50	-0.282
43	267.50	0.000
Median	267.50	0.000
9	261.00	0.917
61	261.00	0.917
Std Dev	260.41	1.000
31	259.50	1.128
102	253.30	2.003

281.30 Total Mercury		
Lab	PPM	ICP
270	<2	0.000
24	<0.12	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
102	<.4	0.000
79	<.05	0.000
Median	0.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
270	<2	0.000
24	<0.12	0.000
102	<.4	0.000

79	<.05	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
61	14.00	-3.062
270	11.50	-1.388
Std Dev	10.92	-1.000
64	9.46	-0.018
Median	9.43	0.000
9	9.40	0.018
102	8.85	0.387
87	8.60	0.554

289.99 Total Molybdenum		
Lab	PPM	Other
24	12.50	0.000
Median	12.50	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
61	14.00	-2.118
24	12.50	-1.419
Std Dev	11.60	-1.000
270	11.50	-0.953
64	9.46	0.000
Median	9.46	0.000
9	9.40	0.026
102	8.85	0.282
87	8.60	0.399

291.30 Total Nickel		
Lab	PPM	ICP
87	31.75	-26.353
270	18.50	-2.680
Std Dev	17.56	-1.000
64	17.50	-0.893
9	17.00	0.000
43	17.00	0.000
43	17.00	0.000
61	17.00	0.000
Median	17.00	0.000
102	16.60	0.715

291.99 Total Nickel		
Lab	PPM	Other
24	20.75	0.000
Median	20.75	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
87	31.75	-13.177
24	20.75	-3.350
270	18.50	-1.340
Std Dev	18.12	-1.000
64	17.50	-0.447
9	17.00	0.000
43	17.00	0.000
43	17.00	0.000
61	17.00	0.000
Median	17.00	0.000
102	16.60	0.357

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
270	3.50	0.000
Median	3.50	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
270	3.50	0.000
Median	3.50	0.000

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
61	0.11	0.000
61	0.11	0.000
Median	0.11	0.000

311.99 Sodium		
Lab	%Na ₂ O	Other
24	0.15	-1.102
Std Dev	0.15	-1.000
87	0.14	-0.779
24	0.14	-0.735
23	0.13	-0.367
23	0.12	0.000
Median	0.12	0.000
43	0.10	0.571
43	0.10	0.605
102	0.10	0.606
Std Dev	0.09	1.000
79	0.07	1.837

311.XX Sodium		
Lab	%Na ₂ O	Total Method
24	0.15	-1.729
87	0.14	-1.349
24	0.14	-1.297
Std Dev	0.13	-1.000
23	0.13	-0.864
23	0.12	-0.432
61	0.11	0.000
61	0.11	0.000
Median	0.11	0.000
43	0.10	0.239
43	0.10	0.280
102	0.10	0.281
Std Dev	0.09	1.000
79	0.07	1.729

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
270	132.00	-1.802
9	118.50	-1.042
Std Dev	117.75	-1.000
24	117.00	-0.958
64	99.99	0.000
Median	99.99	0.000
61	94.00	0.337
87	93.90	0.343
102	88.00	0.675

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321.99		Acid Soluble Zinc	
Lab		Other	
43	96.50		-1.340
Std Dev	95.99		-1.000
Median	94.50		0.000
Std Dev	93.01		1.000
43	92.50		1.340

321.XX		Acid Soluble Zinc	
Lab	PPM	Total Method	
270	132.00		-2.059
9	118.50		-1.276
24	117.00		-1.189
Std Dev	113.74		-1.000
64	99.99		-0.202
43	96.50		0.000
Median	96.50		0.000
61	94.00		0.145
87	93.90		0.151
43	92.50		0.232
102	88.00		0.493

325.10		Fluoride	
Lab	%	Electrode	
24	1.35		-0.705
220	1.33		-0.388
9	1.32		-0.282
23	1.32		-0.282
23	1.32		-0.212
24	1.32		-0.212
9	1.31		-0.141
Median	1.30		0.000
102	1.29		0.141
34	1.28		0.282
270	1.25		0.705
Std Dev	1.23		1.000
31	1.22		1.199
14	1.21		1.269
14	1.18		1.693
111	1.03		3.879

325.99		Fluoride	
Lab	%	Other	
61	1.32		-1.340

Std Dev	1.32		-1.000
Median	1.31		0.000
Std Dev	1.30		1.000
61	1.30		1.340

325.XX		Fluoride	
Lab	%	Total Method	
24	1.35		-0.766
220	1.33		-0.383
9	1.32		-0.255
23	1.32		-0.255
61	1.32		-0.255
23	1.32		-0.170
24	1.32		-0.170
9	1.31		-0.085
Median	1.31		0.000
61	1.30		0.085
102	1.29		0.255
34	1.28		0.425
270	1.25		0.936
Std Dev	1.25		1.000
31	1.22		1.531
14	1.21		1.617
14	1.18		2.127
111	1.03		4.764