

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	17.40	-1.340
Std Dev	17.37	-1.000
Median	17.28	0.000
Std Dev	17.19	1.000
49	17.16	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
31	17.39	-2.971
124	17.35	-2.454
28	17.25	-1.098
Std Dev	17.24	-1.000
28	17.23	-0.840
23	17.22	-0.775
23	17.17	-0.065
Median	17.16	0.000
43	17.16	0.065
43	17.15	0.194
24	17.13	0.387
32	17.12	0.581
Std Dev	17.08	1.000
24	17.00	2.067
38	16.49	8.653

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
123	17.40	-3.027
31	17.39	-2.901
124	17.35	-2.396
28	17.25	-1.072
Std Dev	17.24	-1.000
28	17.23	-0.820
23	17.22	-0.757
23	17.17	-0.063
Median	17.16	0.000
43	17.16	0.063
49	17.16	0.063
43	17.15	0.189
24	17.13	0.378
32	17.12	0.568
Std Dev	17.08	1.000
24	17.00	2.018

002.20 Nitrate Nitrogen		
Lab	Jones Modified	
49	0.36	0.000
Median	0.36	0.000

002.XX Nitrate Nitrogen		
Lab	Total Method	
49	0.36	0.000
Median	0.36	0.000

005.99 Nitrogen from Urea		
Lab	Other	
49	<MDL	0.000
Median	0.00	0.000

005.XX Nitrogen from Urea		
Lab	Total Method	
49	<MDL	0.000
Median	0.00	0.000

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
49	17.46	0.000
Median	17.46	0.000

010.12 Total Nitrogen		
Lab	Salicylic	
119	18.22	0.000
Median	18.22	0.000

010.17 Total Nitrogen		
Lab	Comprehensive	
61	18.25	-1.340
Std Dev	18.22	-1.000
Median	18.16	0.000
Std Dev	18.09	1.000
61	18.07	1.340

010.60 Total Nitrogen		
Lab	Combustion	
65	18.17	-3.051
79	17.93	-1.751

103	17.80	-1.088
Std Dev	17.78	-1.000
99	17.78	-0.955
47	17.77	-0.929
49	17.74	-0.770
29	17.74	-0.743
77	17.74	-0.743
111	17.71	-0.610
31	17.69	-0.504
64	17.67	-0.371
39	17.66	-0.345
123	17.64	-0.239
9	17.60	0.000
Median	17.60	0.000
80	17.57	0.159
38	17.56	0.212
44	17.56	0.212
24	17.53	0.345
95	17.50	0.504
24	17.50	0.531
66	17.47	0.663
14	17.44	0.823
14	17.42	0.955
Std Dev	17.41	1.000
102	17.39	1.114
110	17.30	1.566
270	17.30	1.566
96	17.15	2.362

010.99 Total Nitrogen		
Lab	Other	
34	17.51	-1.340
Std Dev	17.49	-1.000
Median	17.45	0.000
Std Dev	17.40	1.000
32	17.39	1.340

010.XX Total Nitrogen		
Lab	Total Method	
61	18.25	-3.226
119	18.22	-3.102
65	18.17	-2.854
61	18.07	-2.357
79	17.93	-1.638

103	17.80	-1.017
Std Dev	17.80	-1.000
99	17.78	-0.893
47	17.77	-0.869
49	17.74	-0.720
29	17.74	-0.695
77	17.74	-0.695
111	17.71	-0.571
31	17.69	-0.471
64	17.67	-0.347
39	17.66	-0.323
123	17.64	-0.223
9	17.60	0.000
Median	17.60	0.000
80	17.57	0.149
38	17.56	0.199
44	17.56	0.199
24	17.53	0.323
34	17.51	0.422
95	17.50	0.471
24	17.50	0.496
66	17.47	0.620
49	17.46	0.670
14	17.44	0.769
14	17.42	0.893
Std Dev	17.39	1.000
32	17.39	1.042
102	17.39	1.042
110	17.30	1.464
270	17.30	1.464
96	17.15	2.209

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	46.09	-1.340
Std Dev	46.04	-1.000
Median	45.89	0.000
Std Dev	45.74	1.000
79	45.70	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
270	46.86	-3.846
Std Dev	45.92	-1.000

14	45.81	-0.651
14	45.80	-0.636
24	45.78	-0.560
32	45.78	-0.560
31	45.67	-0.242
9	45.65	-0.182
61	45.64	-0.136
24	45.62	-0.076
113	45.60	-0.030
Median	45.59	0.000
34	45.58	0.030
61	45.57	0.076
23	45.47	0.379
23	45.42	0.515
Std Dev	45.26	1.000
99	45.26	1.014
43	45.25	1.030
244	45.17	1.272
43	45.15	1.332
102	45.08	1.560
95	45.00	1.787

020.30 Total Phosphate		
Lab	Alka. Quimociac	
111	46.04	0.000
Median	46.04	0.000

020.40 Total Phosphate		
Lab	Automated	
28	47.46	-1.244
Std Dev	47.24	-1.000
28	46.35	0.000
Median	46.35	0.000
Std Dev	45.46	1.000
96	45.08	1.436

020.50 Total Phosphate		
Lab	ICP	
9	45.70	0.000
Median	45.70	0.000

020.99 Total Phosphate		
Lab	Other	
123	46.43	-1.340

Std Dev	46.32	-1.000
Median	46.03	0.000
Std Dev	45.73	1.000
124	45.63	1.340

020.XX Total Phosphate		
Lab	Total Method	
28	47.46	-6.418
270	46.86	-4.320
123	46.43	-2.786
28	46.35	-2.521
40	46.09	-1.587
111	46.04	-1.428
Std Dev	45.92	-1.000
14	45.81	-0.599
14	45.80	-0.582
24	45.78	-0.494
32	45.78	-0.494
9	45.70	-0.229
79	45.70	-0.212
31	45.67	-0.123
9	45.65	-0.053
61	45.64	0.000
Median	45.64	0.000
124	45.63	0.018
24	45.62	0.071
113	45.60	0.123
34	45.58	0.194
61	45.57	0.247
23	45.47	0.599
23	45.42	0.758
Std Dev	45.35	1.000
99	45.26	1.340
43	45.25	1.358
244	45.17	1.640
43	45.15	1.710
96	45.08	1.975
102	45.08	1.975
95	45.00	2.239

030.10 Insoluble Phosphate		
Lab	Gravimetric Quimociac	
79	0.02	0.000
Median	0.02	0.000

030.20 Insoluble Phosphate		
Lab	Spectrometric	
123	0.17	-9.926
32	0.07	-1.985
14	0.06	-1.191
Std Dev	0.06	-1.000
14	0.06	-0.794
31	0.06	-0.794
43	0.05	-0.079
24	0.05	0.000
113	0.05	0.000
Median	0.05	0.000
23	0.04	0.397
61	0.04	0.397
43	0.04	0.596
61	0.04	0.794
Std Dev	0.03	1.000
23	0.03	1.191
24	0.03	1.588

030.40 Insoluble Phosphate		
Lab	Automated	
9	0.05	-1.340
Std Dev	0.04	-1.000
Median	0.04	0.000
Std Dev	0.03	1.000
34	0.03	1.340

030.99 Insoluble Phosphate		
Lab	Other	
28	0.10	-1.340
Std Dev	0.10	-1.000
Median	0.08	0.000
Std Dev	0.07	1.000
28	0.07	1.340

030.XX Insoluble Phosphate		
Lab	Total Method	
123	0.17	-7.882
28	0.10	-3.468
32	0.07	-1.576
28	0.07	-1.261
Std Dev	0.06	-1.000

14	0.06	-0.946
14	0.06	-0.631
31	0.06	-0.631
43	0.05	-0.063
9	0.05	0.000
24	0.05	0.000
113	0.05	0.000
Median	0.05	0.000
23	0.04	0.315
61	0.04	0.315
43	0.04	0.473
61	0.04	0.631
23	0.03	0.946
Std Dev	0.03	1.000
34	0.03	1.072
24	0.03	1.261
79	0.02	1.892

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
123	46.26	-3.021
Std Dev	45.81	-1.000
14	45.75	-0.727
14	45.74	-0.681
24	45.73	-0.636
31	45.62	-0.114
61	45.60	-0.045
24	45.59	0.000
Median	45.59	0.000
113	45.56	0.159
61	45.53	0.273
23	45.44	0.704
23	45.38	0.954
Std Dev	45.37	1.000
43	45.22	1.703
43	45.11	2.203

040.99 Indirect Available Phosphate		
Lab	Other	
28	46.10	-2.960
Std Dev	45.82	-1.000
38	45.72	-0.263
Median	45.68	0.000
9	45.64	0.263

34	45.56	0.823
040.XX Indirect Available Phosphate		
Lab	Total Method	
123	46.26	-4.389
28	46.10	-3.350
14	45.75	-1.005
Std Dev	45.75	-1.000
14	45.74	-0.938
24	45.73	-0.871
38	45.72	-0.771
9	45.64	-0.268
31	45.62	-0.101
61	45.60	0.000
Median	45.60	0.000
24	45.59	0.067
34	45.56	0.268
113	45.56	0.302
61	45.53	0.469
Std Dev	45.45	1.000
23	45.44	1.106
23	45.38	1.474
43	45.22	2.580
43	45.11	3.317

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
119	46.60	-2.216
Std Dev	46.13	-1.000
44	46.11	-0.941
49	45.74	0.000
Median	45.74	0.000
47	45.59	0.399
39	45.44	0.786

041.20 Direct Available Phosphate		
Lab	Spectrometric	
47	45.84	0.000
Median	45.84	0.000

041.40 Direct Available Phosphate		
Lab	Automated	
49	45.85	-1.167
Std Dev	45.80	-1.000

39	45.48	0.000
Median	45.48	0.000
Std Dev	45.16	1.000
103	45.00	1.513

041.50 Direct Available Phosphate		
Lab	ICP	
80	46.65	-1.340
Std Dev	46.44	-1.000
Median	45.81	0.000
Std Dev	45.17	1.000
66	44.96	1.340

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
29	46.10	-1.889
Std Dev	45.85	-1.000
77	45.57	0.000
Median	45.57	0.000
65	45.35	0.791

041.99 Direct Available Phosphate		
Lab	Other	
79	45.68	0.000
Median	45.68	0.000

041.XX Direct Available Phosphate		
Lab	Total Method	
80	46.65	-2.536
119	46.60	-2.406
44	46.11	-1.118
29	46.10	-1.094
Std Dev	46.06	-1.000
49	45.85	-0.455
47	45.84	-0.429
49	45.74	-0.169
79	45.68	0.000
Median	45.68	0.000
47	45.59	0.234
77	45.57	0.273
39	45.48	0.507
39	45.44	0.624
65	45.35	0.845
Std Dev	45.29	1.000

103	45.00	1.755
66	44.96	1.859

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
79	41.46	0.000
Median	41.46	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
113	41.71	-1.287
Std Dev	41.54	-1.000
32	41.49	-0.912
24	41.45	-0.835
23	41.26	-0.511
23	41.20	-0.418
31	41.17	-0.366
24	41.06	-0.170
Median	40.96	0.000
43	40.86	0.170
61	40.75	0.358
43	40.55	0.699
61	40.43	0.903
14	40.40	0.954
14	40.39	0.971
Std Dev	40.37	1.000
244	40.19	1.312

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	39.48	0.000
Median	39.48	0.000

048.99 Water Soluble Phosphate		
Lab	Other	
123	42.96	-1.936
Std Dev	42.27	-1.000
9	41.53	0.000
Median	41.53	0.000
34	40.98	0.744

048.XX Water Soluble Phosphate		
Lab	Total Method	
123	42.96	-2.638

Std Dev	41.78	-1.000
113	41.71	-0.907
9	41.53	-0.658
32	41.49	-0.602
79	41.46	-0.561
24	41.45	-0.540
23	41.26	-0.277
23	41.20	-0.201
31	41.17	-0.159
24	41.06	0.000
Median	41.06	0.000
34	40.98	0.104
43	40.86	0.277
61	40.75	0.429
43	40.55	0.706
61	40.43	0.873
14	40.40	0.914
14	40.39	0.928
Std Dev	40.33	1.000
244	40.19	1.205
111	39.48	2.188

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
270	0.66	-2.603
Std Dev	0.35	-1.000
23	0.16	0.000
Median	0.16	0.000
23	0.14	0.077

050.99 Soluble Potash		
Lab	%K ₂ O	Other
61	0.14	-2.384
61	0.14	-1.714
24	0.13	-1.044
Std Dev	0.13	-1.000
102	0.13	-0.937
43	0.12	0.000
Median	0.12	0.000
43	0.12	0.121
24	0.12	0.296
Std Dev	0.11	1.000
28	0.11	1.636
28	0.11	2.306

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
270	0.66	0.000
23	0.16	0.000
23	0.14	0.000
61	0.14	0.000
Std Dev	0.00	-1.000
61	0.14	0.000
24	0.13	0.000
Median	0.00	0.000
102	0.13	0.000
43	0.12	0.000
43	0.12	0.000
24	0.12	0.000
Std Dev	0.00	1.000
28	0.11	0.000
28	0.11	0.000

060.00 Free Water		
Lab	Vacuum Oven	Total Method
28	3.28	-0.385
9	3.04	-0.233
23	2.90	-0.142
23	2.90	-0.139
34	2.87	-0.123
43	2.87	-0.120
43	2.84	-0.104
24	2.83	-0.097
28	2.81	-0.081
111	2.68	0.000
Median	2.68	0.000
24	2.65	0.023
113	2.40	0.181
32	2.32	0.236
Std Dev	1.14	1.000
31	0.80	1.217
124	0.80	1.220
123	0.71	1.275
14	0.71	1.279
14	0.65	1.317
79	0.47	1.431

060.10 Free Water		
Lab	Vacuum Desiccate	Total Method
61	3.11	-1.340
Std Dev	3.10	-1.000
Median	3.08	0.000
Std Dev	3.06	1.000
61	3.06	1.340

060.XX Free Water		
Lab	Total Method	Total Method
28	3.28	-0.301
61	3.11	-0.195
61	3.06	-0.160
9	3.04	-0.150
23	2.90	-0.061
23	2.90	-0.058
34	2.87	-0.042
43	2.87	-0.038
43	2.84	-0.022
24	2.83	-0.016
28	2.81	0.000
Median	2.81	0.000
111	2.68	0.080
24	2.65	0.102
113	2.40	0.259
32	2.32	0.313
Std Dev	1.24	1.000
31	0.80	1.282
124	0.80	1.286
123	0.71	1.340
14	0.71	1.343
14	0.65	1.382
79	0.47	1.494

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
28	1.25	-33.324
28	0.91	-21.334
32	0.61	-10.755
61	0.45	-5.113
61	0.42	-4.232
Std Dev	0.33	-1.000
34	0.32	-0.811
24	0.32	-0.529

102	0.31	-0.222
14	0.30	0.000
23	0.30	0.000
31	0.30	0.000
270	0.30	0.000
Median	0.30	0.000
14	0.30	0.176
23	0.30	0.176
39	0.29	0.264
79	0.29	0.529
24	0.28	0.705
9	0.28	0.882
Std Dev	0.27	1.000
43	0.25	1.680
43	0.25	1.705
124	0.21	3.350

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
28	1.25	-33.324
28	0.91	-21.334
32	0.61	-10.755
61	0.45	-5.113
61	0.42	-4.232
Std Dev	0.33	-1.000
34	0.32	-0.811
24	0.32	-0.529
102	0.31	-0.222
14	0.30	0.000
23	0.30	0.000
31	0.30	0.000
270	0.30	0.000
Median	0.30	0.000
14	0.30	0.176
23	0.30	0.176
39	0.29	0.264
79	0.29	0.529
24	0.28	0.705
9	0.28	0.882
Std Dev	0.27	1.000
43	0.25	1.680
43	0.25	1.705
124	0.21	3.350

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
102	1.55	-3.030
124	1.54	-2.680
23	1.49	-1.340
Std Dev	1.47	-1.000
23	1.47	-0.975
24	1.47	-0.853
14	1.46	-0.731
14	1.45	-0.487
24	1.45	-0.487
34	1.44	-0.244
9	1.43	0.000
79	1.43	0.000
Median	1.43	0.000
31	1.42	0.244
32	1.42	0.365
61	1.41	0.487
270	1.41	0.487
28	1.41	0.609
Std Dev	1.39	1.000
28	1.38	1.218
39	1.37	1.584
61	1.35	2.071
43	1.15	6.944
43	1.13	7.431

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
102	1.55	-3.030
124	1.54	-2.680
23	1.49	-1.340
Std Dev	1.47	-1.000
23	1.47	-0.975
24	1.47	-0.853
14	1.46	-0.731
14	1.45	-0.487
24	1.45	-0.487
34	1.44	-0.244
9	1.43	0.000
79	1.43	0.000
Median	1.43	0.000
31	1.42	0.244
32	1.42	0.365

61	1.41	0.487
270	1.41	0.487
28	1.41	0.609
Std Dev	1.39	1.000
28	1.38	1.218
39	1.37	1.584
61	1.35	2.071
43	1.15	6.944
43	1.13	7.431

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
61	1.36	-0.487
61	1.35	0.000
Median	1.35	0.000
Std Dev	1.33	1.000
244	1.31	2.193

144.70 Sulfur		
Lab	Spectrometric	
14	1.26	-1.340
Std Dev	1.25	-1.000
Median	1.25	0.000
Std Dev	1.25	1.000
14	1.25	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
28	3.91	-59.183
124	1.75	-10.943
Std Dev	1.30	-1.000
34	1.29	-0.670
23	1.29	-0.558
23	1.29	-0.558
32	1.27	-0.261
24	1.26	0.000
79	1.26	0.000
Median	1.26	0.000
24	1.26	0.112
9	1.23	0.782
Std Dev	1.22	1.000
31	1.18	1.787
270	1.17	2.010
28	1.16	2.233

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
28	3.91	-70.864
124	1.75	-12.976
61	1.36	-2.524
61	1.35	-2.256
244	1.31	-1.050
Std Dev	1.30	-1.000
34	1.29	-0.648
23	1.29	-0.514
23	1.29	-0.514
32	1.27	-0.156
Median	1.27	0.000
24	1.26	0.156
79	1.26	0.156
14	1.26	0.290
24	1.26	0.290
14	1.25	0.424
Std Dev	1.23	1.000
9	1.23	1.094
31	1.18	2.300
270	1.17	2.568
28	1.16	2.836

145.99 Total Sulfur (S)		
Lab	Other	
124	5.00	-9.235
111	1.96	-1.235
Std Dev	1.87	-1.000
43	1.49	0.000
Median	1.49	0.000
43	1.45	0.105
102	1.22	0.689

145.XX Total Sulfur (S)		
Lab	Total Method	
124	5.00	-9.235
111	1.96	-1.235
Std Dev	1.87	-1.000
43	1.49	0.000
Median	1.49	0.000
43	1.45	0.105
102	1.22	0.689

151.30 Total Arsenic		
Lab	ICP	
270	13.00	-0.874
24	12.40	-0.524
102	12.30	-0.466
9	12.00	-0.291
28	11.50	0.000
Median	11.50	0.000
64	10.36	0.664
79	10.00	0.874
Std Dev	9.78	1.000
28	9.28	1.296
61	9.00	1.457

151.99 Total Arsenic		
Lab	Other	
124	465.00	0.000
Median	465.00	0.000

151.XX Total Arsenic		
Lab	Total Method	
124	465.00	-265.801
Std Dev	13.46	-1.000
270	13.00	-0.733
24	12.40	-0.381
102	12.30	-0.323
9	12.00	-0.147
Median	11.75	0.000
28	11.50	0.147
64	10.36	0.815
Std Dev	10.04	1.000
79	10.00	1.026
28	9.28	1.451
61	9.00	1.613

165.99 Acid Soluble Boron		
Lab	PPM	Other
102	44.00	-1.340
Std Dev	43.31	-1.000
Median	41.30	0.000
Std Dev	39.29	1.000
24	38.60	1.340

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
102	44.00	-1.340
Std Dev	43.31	-1.000
Median	41.30	0.000
Std Dev	39.29	1.000
24	38.60	1.340

171.99 Water Soluble Boron		
Lab	PPM	Other
124	4.00	0.000
Median	4.00	0.000

171.XX Water Soluble Boron		
Lab	PPM	Total Method
124	4.00	0.000
Median	4.00	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
79	5.50	-6.241
Std Dev	4.07	-1.000
61	4.00	-0.734
61	4.00	-0.734
102	4.00	-0.734
43	3.85	-0.184
9	3.80	0.000
Median	3.80	0.000
43	3.70	0.367
64	3.67	0.496
28	3.61	0.716
Std Dev	3.53	1.000
28	1.50	8.444
270	1.14	9.765

181.99 Total Cadmium		
Lab	Other	
24	4.12	-1.340
Std Dev	3.78	-1.000
Median	2.81	0.000
Std Dev	1.83	1.000
124	1.50	1.340

181.XX		Total Cadmium
Lab	PPM	Total Method
79	5.50	-5.767
24	4.12	-1.069
Std Dev	4.09	-1.000
61	4.00	-0.678
61	4.00	-0.678
102	4.00	-0.678
43	3.85	-0.170
9	3.80	0.000
Median	3.80	0.000
43	3.70	0.339
64	3.67	0.458
28	3.61	0.662
Std Dev	3.51	1.000
28	1.50	7.803
124	1.50	7.803
270	1.14	9.024

190.00		Aluminum
Lab	%Al ₂ O ₃	ICP
14	1.57	-1.411
28	1.56	-1.128
9	1.55	-1.034
14	1.55	-1.034
Std Dev	1.55	-1.000
34	1.53	-0.658
28	1.53	-0.564
31	1.52	-0.470
23	1.51	-0.188
79	1.51	-0.188
Median	1.50	0.000
32	1.49	0.188
23	1.48	0.282
24	1.47	0.470
61	1.47	0.564
24	1.46	0.752
Std Dev	1.44	1.000
61	1.43	1.316
102	1.31	3.560
43	1.24	4.890
43	1.21	5.360

190.99		Aluminum
Lab	%Al ₂ O ₃	Atomic Absorption
124	1.08	0.000
Median	1.08	0.000

190.XX		Aluminum
Lab	%Al ₂ O ₃	Total Method
14	1.57	-1.302
28	1.56	-1.072
Std Dev	1.55	-1.000
9	1.55	-0.995
14	1.55	-0.995
34	1.53	-0.689
28	1.53	-0.613
31	1.52	-0.536
23	1.51	-0.306
79	1.51	-0.306
32	1.49	0.000
Median	1.49	0.000
23	1.48	0.077
24	1.47	0.230
61	1.47	0.306
24	1.46	0.459
61	1.43	0.919
Std Dev	1.42	1.000
102	1.31	2.746
43	1.24	3.829
43	1.21	4.211
124	1.08	6.202

191.30		Total Chromium
Lab	PPM	ICP
9	120.00	-1.313
Std Dev	117.92	-1.000
28	116.00	-0.711
28	115.65	-0.658
64	114.99	-0.559
79	113.00	-0.260
270	113.00	-0.260
Median	111.28	0.000
102	109.55	0.260
61	107.50	0.568
61	107.50	0.568
Std Dev	104.63	1.000

31	102.50	1.320
43	102.50	1.320
43	101.50	1.471

191.99		Total Chromium
Lab	PPM	Other
24	112.50	-1.340
Std Dev	98.86	-1.000
Median	58.75	0.000
Std Dev	18.64	1.000
124	5.00	1.340

191.XX		Total Chromium
Lab	PPM	Total Method
9	120.00	-1.120
Std Dev	119.04	-1.000
28	116.00	-0.621
28	115.65	-0.577
64	114.99	-0.495
79	113.00	-0.246
270	113.00	-0.246
24	112.50	-0.184
Median	111.03	0.000
102	109.55	0.184
61	107.50	0.440
61	107.50	0.440
Std Dev	103.01	1.000
31	102.50	1.063
43	102.50	1.063
43	101.50	1.188
124	5.00	13.225

202.30		Acid Soluble Cobalt
Lab	PPM	ICP
28	5.42	-4.613
64	4.68	-2.209
Std Dev	4.31	-1.000
9	4.20	-0.650
43	4.00	0.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
102	3.85	0.487
270	3.70	0.975

Std Dev	3.69	1.000
28	3.50	1.624
43	3.00	3.248

202.99		Acid Soluble Cobalt
Lab	PPM	Other
24	4.10	-1.340
Std Dev	3.59	-1.000
Median	2.10	0.000
Std Dev	0.61	1.000
124	0.10	1.340

202.XX		Acid Soluble Cobalt
Lab	PPM	Total Method
28	5.42	-4.038
64	4.68	-1.934
Std Dev	4.35	-1.000
9	4.20	-0.569
24	4.10	-0.270
43	4.00	0.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
102	3.85	0.427
270	3.70	0.853
Std Dev	3.65	1.000
28	3.50	1.422
43	3.00	2.844
124	0.10	11.090

221.30		Acid Soluble Copper
Lab	PPM	ICP
43	<1	0.000
61	4.50	-1.210
Std Dev	4.15	-1.000
28	3.50	-0.605
28	3.23	-0.442
61	2.50	0.000
Median	2.50	0.000
102	1.30	0.726
43	1.00	0.907
270	1.00	0.907

221.99 Acid Soluble Copper		
Lab		Other
124	1.85	-1.340
Std Dev	1.74	-1.000
Median	1.43	0.000
Std Dev	1.12	1.000
24	1.02	1.340

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
43	<1	0.000
61	4.50	-1.603
Std Dev	3.50	-1.000
28	3.50	-0.998
28	3.23	-0.835
61	2.50	-0.393
124	1.85	0.000
Median	1.85	0.000
102	1.30	0.333
24	1.02	0.505
43	1.00	0.514
270	1.00	0.514

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
32	1.79	-1.554
102	1.75	-1.018
Std Dev	1.75	-1.000
34	1.74	-0.854
23	1.73	-0.699
23	1.71	-0.311
39	1.71	-0.311
31	1.70	-0.233
14	1.69	-0.078
14	1.69	0.000
24	1.69	0.000
24	1.69	0.000
Median	1.69	0.000
28	1.68	0.155
9	1.67	0.311
79	1.65	0.544
28	1.64	0.777
Std Dev	1.62	1.000
61	1.57	1.787

61	1.56	1.942
43	1.55	2.175
43	1.54	2.330
270	1.53	2.408

241.99 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Other
124	2.00	0.000
Median	2.00	0.000

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
124	2.00	-6.030
32	1.79	-1.914
102	1.75	-1.255
34	1.74	-1.053
Std Dev	1.74	-1.000
23	1.73	-0.861
23	1.71	-0.383
39	1.71	-0.383
31	1.70	-0.287
14	1.69	-0.096
14	1.69	0.000
24	1.69	0.000
24	1.69	0.000
Median	1.69	0.000
28	1.68	0.191
9	1.67	0.383
79	1.65	0.670
28	1.64	0.957
Std Dev	1.63	1.000
61	1.57	2.201
61	1.56	2.393
43	1.55	2.680
43	1.54	2.871
270	1.53	2.967

251.30 Total Lead		
Lab	PPM	ICP
102	<5	0.000
43	2.00	0.000
43	2.00	0.000
61	2.00	0.000
61	2.00	0.000

Median	2.00	0.000
270	1.50	0.670
Std Dev	1.25	1.000
28	0.50	2.010
28	0.22	2.383

251.99 Total Lead		
Lab		Other
124	2.62	-1.340
Std Dev	2.56	-1.000
Median	2.40	0.000
Std Dev	2.23	1.000
24	2.18	1.340

251.XX Total Lead		
Lab	PPM	Total Method
102	<5	0.000
124	2.62	-1.662
Std Dev	2.37	-1.000
24	2.18	-0.469
43	2.00	0.000
43	2.00	0.000
61	2.00	0.000
61	2.00	0.000
Median	2.00	0.000
Std Dev	1.63	1.000
270	1.50	1.340
28	0.50	4.020
28	0.22	4.765

261.30 Acid Soluble Manganese		
Lab		ICP
9	280.00	-0.586
102	274.00	-0.251
39	269.50	0.000
Median	269.50	0.000
Std Dev	251.59	1.000
270	250.00	1.089
31	243.00	1.480

261.99 Acid Soluble Manganese		
Lab	PPM	Other
28	267.50	-1.261
28	267.00	-1.222

24	266.00	-1.143
Std Dev	264.19	-1.000
61	251.50	0.000
Median	251.50	0.000
43	250.00	0.118
61	249.00	0.197
43	248.00	0.276

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
9	280.00	-1.560
102	274.00	-1.120
Std Dev	272.37	-1.000
39	269.50	-0.789
28	267.50	-0.642
28	267.00	-0.606
24	266.00	-0.532
Median	258.75	0.000
61	251.50	0.532
43	250.00	0.642
270	250.00	0.642
61	249.00	0.716
43	248.00	0.789
Std Dev	245.13	1.000
31	243.00	1.156

271.99 Water Soluble Manganese		
Lab		Other
124	<0.05	0.000
Median	0.00	0.000

271.XX Water Soluble Manganese		
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

281.30 Total Mercury		
Lab	PPM	ICP
24	<0.07	0.000
270	0.00	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other

102	<.4	0.000
79	<.05	0.000
124	4.00	0.000
Median	4.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
24	<0.07	0.000
102	<.4	0.000
79	<.05	0.000
124	4.00	-1.340
Std Dev	3.49	-1.000
Median	2.00	0.000
270	0.00	1.340

289.30 Total Molybdenum		
Lab	PPM	ICP
9	9.70	-2.013
102	9.40	-1.180
Std Dev	9.34	-1.000
28	9.11	-0.375
61	9.00	-0.069
270	9.00	-0.069
Median	8.98	0.000
43	8.95	0.069
43	8.90	0.208
Std Dev	8.61	1.000
61	8.50	1.319
28	8.00	2.708
64	7.00	5.499

289.99 Total Molybdenum		
Lab	PPM	Other
124	15.50	-1.340
Std Dev	14.79	-1.000
Median	12.72	0.000
Std Dev	10.64	1.000
24	9.93	1.340

289.XX Total Molybdenum		
Lab	PPM	Total Method
124	15.50	-12.904
24	9.93	-1.846
9	9.70	-1.390

Std Dev	9.50	-1.000
102	9.40	-0.794
28	9.11	-0.218
61	9.00	0.000
270	9.00	0.000
Median	9.00	0.000
43	8.95	0.099
43	8.90	0.199
61	8.50	0.993
Std Dev	8.50	1.000
28	8.00	1.985
64	7.00	3.980

291.30 Total Nickel		
Lab	ICP	
64	16.82	-1.009
Std Dev	16.80	-1.000
9	16.00	-0.521
270	16.00	-0.521
28	15.50	-0.223
28	15.40	-0.164
Median	15.13	0.000
102	14.85	0.164
61	14.00	0.670
61	13.50	0.968
Std Dev	13.45	1.000
43	13.00	1.266
43	13.00	1.266

291.99 Total Nickel		
Lab	PPM	Other
124	<0.5	0.000
24	17.20	0.000
Median	17.20	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
124	<0.5	0.000
24	17.20	-1.072
Std Dev	17.08	-1.000
64	16.82	-0.846
9	16.00	-0.357
270	16.00	-0.357
28	15.50	-0.060

28	15.40	0.000
Median	15.40	0.000
102	14.85	0.328
61	14.00	0.834
Std Dev	13.72	1.000
61	13.50	1.132
43	13.00	1.429
43	13.00	1.429

301.30 Total Selenium		
Lab	PPM	ICP
102	<5	0.000
24	<0.50	0.000
79	2.00	-5.360
Std Dev	0.37	-1.000
28	0.00	0.000
28	0.00	0.000
270	0.00	0.000
Median	0.00	0.000

301.99 Total Selenium		
Lab	PPM	Other
124	173.00	0.000
Median	173.00	0.000

301.XX Total Selenium		
Lab	PPM	Total Mthod
102	<5	0.000
24	<0.50	0.000
124	173.00	-115.910
79	2.00	-1.340
Std Dev	1.49	-1.000
28	0.00	0.000
28	0.00	0.000
270	0.00	0.000
Median	0.00	0.000

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
28	0.34	-3.077
Std Dev	0.24	-1.000
61	0.19	-0.099
Median	0.19	0.000
61	0.18	0.099

Std Dev	0.13	1.000
28	0.10	1.687

311.99 Sodium		
Lab	%Na ₂ O	Other
124	55.50	-1497.346
Std Dev	0.25	-1.000
24	0.23	-0.542
24	0.22	-0.135
23	0.21	0.000
23	0.21	0.000
Median	0.21	0.000
102	0.18	0.928
Std Dev	0.17	1.000
43	0.15	1.629
43	0.15	1.629

311.XX Sodium		
Lab	%Na ₂ O	Total Method
124	55.50	-1497.617
28	0.34	-3.791
Std Dev	0.24	-1.000
24	0.23	-0.812
24	0.22	-0.406
23	0.21	-0.271
23	0.21	-0.271
Median	0.20	0.000
61	0.19	0.271
61	0.18	0.542
102	0.18	0.657
Std Dev	0.16	1.000
43	0.15	1.359
43	0.15	1.359
28	0.10	2.708

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
28	65.50	-0.666
64	60.82	-0.299
28	60.10	-0.243
24	58.90	-0.149
270	57.00	0.000
Median	57.00	0.000
102	54.15	0.223

Std Dev	44.24	1.000
61	43.00	1.097
61	42.50	1.136
9	42.00	1.175

321.99		
Lab	Acid Soluble Zinc	
	Other	
43	45.50	-0.031
43	45.00	0.000
Median	45.00	0.000
Std Dev	28.88	1.000
124	2.30	2.649

321.XX		
Lab	PPM	Acid Soluble Zinc
		Total Method
28	65.50	-1.287
Std Dev	62.01	-1.000
64	60.82	-0.902
28	60.10	-0.843
24	58.90	-0.745
270	57.00	-0.589
102	54.15	-0.355
Median	49.83	0.000
43	45.50	0.355
43	45.00	0.396
61	43.00	0.560
61	42.50	0.601
9	42.00	0.642
Std Dev	37.64	1.000
124	2.30	3.901

325.00		
Lab	Fluoride	
	Volumetric	
9	2.35	0.000
Median	2.35	0.000

325.10		
Lab	%	Fluoride
		Electrode
32	2.58	-1.066
34	2.49	-0.720
28	2.47	-0.624
270	2.35	-0.183
24	2.34	-0.125
23	2.33	-0.106

23	2.31	-0.010
Median	2.30	0.000
28	2.30	0.010
24	2.25	0.221
31	2.11	0.740
111	1.96	1.316
14	1.95	1.374
14	1.94	1.393
102	1.94	1.393

325.99		
Lab	%	Fluoride
		Other
61	2.39	-1.340
Median	2.30	0.000
61	2.21	1.340

325.XX		
Lab	%	Fluoride
		Total Method
32	2.58	-1.535
34	2.49	-1.033
28	2.47	-0.893
61	2.39	-0.475
9	2.35	-0.251
270	2.35	-0.251
24	2.34	-0.167
23	2.33	-0.140
23	2.31	0.000
Median	2.31	0.000
28	2.30	0.028
24	2.25	0.335
61	2.21	0.530
31	2.11	1.089
111	1.96	1.926
14	1.95	2.010
14	1.94	2.038
102	1.94	2.038