

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
124	13.30	-2.674
Std Dev	11.89	-1.000
123	11.06	0.000
Median	11.06	0.000
242	11.05	0.006

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	11.42	-0.979
34	11.40	-0.825
61	11.40	-0.825
61	11.38	-0.567
23	11.36	-0.412
24	11.35	-0.309
23	11.32	0.000
Median	11.32	0.000
113	11.30	0.206
140	11.26	0.618
24	11.25	0.773
28	11.24	0.876
Std Dev	11.22	1.000
32	11.22	1.031
38	10.88	4.535

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
124	13.30	-17.777
Std Dev	11.42	-1.000
28	11.42	-0.938
34	11.40	-0.804
61	11.40	-0.804
61	11.38	-0.581
23	11.36	-0.447
24	11.35	-0.357
23	11.32	-0.089
Median	11.31	0.000
113	11.30	0.089
140	11.26	0.447
24	11.25	0.581
28	11.24	0.670
32	11.22	0.804
Std Dev	11.20	1.000

123	11.06	2.278
242	11.05	2.323
38	10.88	3.841

005.00 Nitrogen from Urea		
Lab	Urease(as N)	
242	11.47	0.000
Median	11.47	0.000

005.XX Nitrogen from Urea		
Lab	Total Method	
242	11.47	0.000
Median	11.47	0.000

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	11.43	-1.340
Std Dev	11.42	-1.000
Median	11.41	0.000
Std Dev	11.39	1.000
43	11.39	1.340

010.12 Total Nitrogen		
Lab	Salicylic	
107	11.28	0.000
Median	11.28	0.000

010.60 Total Nitrogen		
Lab	Combustion	
47	11.48	-1.871
77	11.47	-1.770
75	11.46	-1.719
31	11.42	-1.315
44	11.42	-1.264
99	11.40	-1.112
Std Dev	11.39	-1.000
64	11.37	-0.809
64	11.37	-0.809
9	11.37	-0.809
14	11.34	-0.455
14	11.34	-0.455
49	11.33	-0.405
102	11.30	-0.101
29	11.29	0.000

Median	11.29	0.000
39	11.27	0.202
63	11.27	0.202
63	11.27	0.202
24	11.27	0.253
123	11.27	0.253
111	11.25	0.405
24	11.23	0.657
35	11.20	0.910
Std Dev	11.19	1.000
80	11.15	1.416
66	11.08	2.124
38	11.04	2.528
95	10.90	3.944
110	10.86	4.399

010.99 Total Nitrogen		
Lab	Other	
140	11.46	-0.897
40	11.38	-0.321
Median	11.33	0.000
32	11.28	0.321
Std Dev	11.18	1.000
124	10.95	2.534

010.XX Total Nitrogen		
Lab	Total Method	
47	11.48	-1.820
77	11.47	-1.719
75	11.46	-1.669
140	11.46	-1.669
43	11.43	-1.315
31	11.42	-1.264
44	11.42	-1.214
99	11.40	-1.062
Std Dev	11.39	-1.000
43	11.39	-0.961
40	11.38	-0.809
64	11.37	-0.758
64	11.37	-0.758
9	11.37	-0.758
14	11.34	-0.405
14	11.34	-0.405
14	11.34	-0.405
49	11.33	-0.354

102	11.30	-0.051
Median	11.30	0.000
29	11.29	0.051
32	11.28	0.152
107	11.28	0.202
39	11.27	0.253
63	11.27	0.253
63	11.27	0.253
24	11.27	0.303
123	11.27	0.303
111	11.25	0.455
24	11.23	0.708
35	11.20	0.961
Std Dev	11.20	1.000
80	11.15	1.466
66	11.08	2.174
38	11.04	2.579
124	10.95	3.459
95	10.90	3.995
110	10.86	4.450

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	53.71	-1.025
Std Dev	53.69	-1.000
35	52.75	0.000
Median	52.75	0.000
Std Dev	51.81	1.000
40	51.20	1.655

020.20 Total Phosphate		
Lab	Spectrometric	
124	53.84	-2.439
34	53.48	-1.203
61	53.45	-1.099
Std Dev	53.42	-1.000
23	53.39	-0.876
9	53.31	-0.601
23	53.29	-0.550
99	53.28	-0.515
14	53.24	-0.361
14	53.23	-0.344
220	53.15	-0.060
31	53.14	-0.017

24	53.13	0.000
Median	53.13	0.000
61	53.13	0.017
43	53.03	0.361
32	53.00	0.447
24	53.00	0.464
113	52.91	0.756
43	52.88	0.859
Std Dev	52.84	1.000
140	52.63	1.735
102	51.80	4.587
110	51.60	5.274
242	51.27	6.408
95	49.20	13.503

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	51.59	0.000
Median	51.59	0.000

020.50	Total Phosphate	
Lab	ICP	
9	53.59	0.000
Median	53.59	0.000

020.99	Total Phosphate	
Lab	Other	
28	52.95	-0.923
123	52.64	0.000
Median	52.64	0.000
Std Dev	52.30	1.000
28	52.05	1.757

020.XX	Total Phosphate	
Lab	Total Method	
124	53.84	-1.674
241	53.71	-1.407
9	53.59	-1.150
Std Dev	53.51	-1.000
34	53.48	-0.934
61	53.45	-0.873
23	53.39	-0.739
9	53.31	-0.575
23	53.29	-0.544

99	53.28	-0.524
14	53.24	-0.431
14	53.23	-0.421
220	53.15	-0.252
31	53.14	-0.226
24	53.13	-0.216
61	53.13	-0.205
43	53.03	0.000
Median	53.03	0.000
32	53.00	0.051
24	53.00	0.062
28	52.95	0.154
113	52.91	0.236
43	52.88	0.298
35	52.75	0.565
123	52.64	0.791
140	52.63	0.821
Std Dev	52.54	1.000
28	52.05	2.002
102	51.80	2.526
110	51.60	2.937
111	51.59	2.947
242	51.27	3.614
40	51.20	3.748
95	49.20	7.855

030.20	Insoluble Phosphate	
Lab	Spectrometric	
43	0.94	-2.754
43	0.94	-2.736
Std Dev	0.70	-1.000
32	0.64	-0.577
14	0.60	-0.252
24	0.59	-0.180
14	0.58	-0.144
23	0.57	-0.036
24	0.56	0.000
Median	0.56	0.000
23	0.50	0.432
61	0.47	0.685
Std Dev	0.42	1.000
61	0.41	1.081
113	0.40	1.166
123	0.31	1.802

140	0.21	2.523
124	0.11	3.244

030.30	Insoluble Phosphate	
Lab	Alka. Quimociac	
31	0.58	0.000
Median	0.58	0.000

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.57	0.000
Median	0.57	0.000

030.50	Insoluble Phosphate	
Lab	ICP	
9	0.46	0.000
Median	0.46	0.000

030.99	Insoluble Phosphate	
Lab	Other	
28	0.12	-1.340
Std Dev	0.11	-1.000
Median	0.11	0.000
Std Dev	0.11	1.000
28	0.11	1.340

030.XX	Insoluble Phosphate	
Lab	Total Method	
43	0.94	-2.692
43	0.94	-2.675
Std Dev	0.68	-1.000
32	0.64	-0.719
14	0.60	-0.425
24	0.59	-0.359
14	0.58	-0.327
31	0.58	-0.327
34	0.57	-0.261
23	0.57	-0.229
24	0.56	-0.196
Median	0.53	0.000
23	0.50	0.196
61	0.47	0.425
9	0.46	0.457
61	0.41	0.784

113	0.40	0.861
Std Dev	0.38	1.000
123	0.31	1.437
140	0.21	2.091
28	0.12	2.711
124	0.11	2.744
28	0.11	2.777

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
61	52.99	-1.961
23	52.82	-1.195
23	52.79	-1.056
Std Dev	52.78	-1.000
61	52.72	-0.708
14	52.66	-0.429
14	52.64	-0.336
24	52.57	-0.035
Median	52.56	0.000
31	52.56	0.035
113	52.51	0.235
140	52.42	0.685
24	52.41	0.708
Std Dev	52.35	1.000
123	52.33	1.079
43	52.08	2.239
43	51.94	2.889

040.50	Indirect Available Phosphate	
Lab	ICP	
9	53.00	0.000
Median	53.00	0.000

040.99	Indirect Available Phosphate	
Lab	Other	
34	52.90	0.000
Median	52.90	0.000

040.XX	Indirect Available Phosphate	
Lab	Total Method	
9	53.00	-1.388
61	52.99	-1.336
34	52.90	-1.039
Std Dev	52.89	-1.000

23	52.82	-0.759
23	52.79	-0.655
61	52.72	-0.393
14	52.66	-0.183
14	52.64	-0.113
Median	52.60	0.000
24	52.57	0.113
31	52.56	0.166
113	52.51	0.317
140	52.42	0.655
24	52.41	0.672
123	52.33	0.952
Std Dev	52.32	1.000
43	52.08	1.824
43	51.94	2.313

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
44	53.60	-4.172
Std Dev	52.79	-1.000
47	52.56	-0.069
Median	52.54	0.000
39	52.52	0.069
107	52.34	0.776

041.20 Direct Available Phosphate		
Lab	Spectrometric	
220	52.97	0.000
Median	52.97	0.000

041.40 Direct Available Phosphate		
Lab	Automated	
38	52.80	-4.523
Std Dev	52.59	-1.000
14	52.55	-0.335
14	52.53	0.000
Median	52.53	0.000
Std Dev	52.47	1.000
39	52.47	1.005
49	52.39	2.429

041.50 Direct Available Phosphate		
Lab	ICP	
63	52.64	-1.176

63	52.63	-1.170
Std Dev	52.49	-1.000
80	51.70	0.000
Median	51.70	0.000
66	51.57	0.170
Std Dev	50.91	1.000
47	50.51	1.504

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
77	53.11	-2.239
29	52.58	-1.340
Std Dev	52.38	-1.000
64	51.79	0.000
64	51.79	0.000
Median	51.79	0.000
75	51.58	0.356

041.99 Direct Available Phosphate		
Lab	Other	
28	52.84	-1.340
Std Dev	52.72	-1.000
Median	52.39	0.000
Std Dev	52.06	1.000
28	51.95	1.340

041.XX Direct Available Phosphate		
Lab	Total Method	
44	53.60	-1.792
Std Dev	53.12	-1.000
77	53.11	-0.975
220	52.97	-0.739
28	52.84	-0.517
38	52.80	-0.458
63	52.64	-0.183
63	52.63	-0.175
29	52.58	-0.092
47	52.56	-0.050
14	52.55	-0.042
14	52.53	-0.008
Median	52.53	0.000
39	52.52	0.008
39	52.47	0.092
49	52.39	0.233

107	52.34	0.308
28	51.95	0.959
Std Dev	51.93	1.000
64	51.79	1.225
64	51.79	1.225
80	51.70	1.375
75	51.58	1.575
66	51.57	1.600
47	50.51	3.368

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
61	48.36	-0.965
220	48.24	-0.651
31	48.20	-0.548
23	48.17	-0.469
23	48.17	-0.469
24	48.13	-0.365
61	48.09	-0.248
140	48.07	-0.196
Median	47.99	0.000
43	47.92	0.196
24	47.88	0.287
124	47.78	0.548
113	47.69	0.782
Std Dev	47.61	1.000
43	47.56	1.135
32	47.49	1.304
14	47.48	1.330
14	47.45	1.422

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	47.74	0.000
Median	47.74	0.000

048.99 Water Soluble Phosphate		
Lab	Other	
123	48.43	-1.001
Std Dev	48.42	-1.000
9	48.27	0.000
Median	48.27	0.000
Std Dev	48.12	1.000
34	48.01	1.679

048.XX Water Soluble Phosphate		
Lab	Total Method	
123	48.43	-1.154
Std Dev	48.37	-1.000
61	48.36	-0.960
9	48.27	-0.692
220	48.24	-0.602
31	48.20	-0.484
23	48.17	-0.395
23	48.17	-0.395
24	48.13	-0.275
61	48.09	-0.141
140	48.07	-0.082
Median	48.04	0.000
34	48.01	0.082
43	47.92	0.365
24	47.88	0.469
124	47.78	0.767
111	47.74	0.886
Std Dev	47.70	1.000
113	47.69	1.035
43	47.56	1.437
32	47.49	1.630
14	47.48	1.660
14	47.45	1.764

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.19	0.000
23	0.19	0.000
Median	0.19	0.000

050.51 %K ₂ O Soluble Potash		
Lab	ICP(Citrate)	
124	0.20	0.000
Median	0.20	0.000

050.60 Soluble Potash		
Lab	%K ₂ O	Flame Photometric(Oxalate)
241	0.12	0.000
Median	0.12	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
43	0.39	-2.190
43	0.38	-2.063
Std Dev	0.29	-1.000
61	0.22	-0.122
61	0.21	0.000
Median	0.21	0.000
102	0.19	0.188
24	0.19	0.306
24	0.18	0.429

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
43	0.39	-9.463
43	0.38	-8.959
61	0.22	-1.235
Std Dev	0.22	-1.000
61	0.21	-0.748
124	0.20	-0.261
102	0.19	0.000
Median	0.19	0.000
23	0.19	0.227
23	0.19	-2.227
24	0.19	0.470
24	0.18	0.957
Std Dev	0.17	1.000
241	0.12	3.637

060.00 Free Water		
Lab		Vacuum Oven
242	1.40	-4.989
31	0.95	-2.395
24	0.82	-1.654
24	0.79	-1.511
124	0.71	-1.026
Std Dev	0.70	-1.000
123	0.65	-0.684
220	0.60	-0.419
28	0.59	-0.342
113	0.56	-0.171
32	0.53	-0.029
140	0.53	0.000
Median	0.53	0.000

9	0.50	0.143
111	0.48	0.285
23	0.45	0.428
23	0.44	0.513
34	0.41	0.656
28	0.40	0.713
14	0.36	0.941
14	0.36	0.941
Std Dev	0.35	1.000
43	0.25	1.568
43	0.25	1.568

060.10 Free Water		
Lab		Vacuum Desiccate
61	0.52	-1.340
Std Dev	0.51	-1.000
Median	0.47	0.000
Std Dev	0.44	1.000
61	0.43	1.340

060.XX Free Water		
Lab		Total Method
242	1.40	-5.773
31	0.95	-2.788
24	0.82	-1.935
24	0.79	-1.771
124	0.71	-1.214
Std Dev	0.67	-1.000
123	0.65	-0.820
220	0.60	-0.515
28	0.59	-0.426
113	0.56	-0.230
32	0.53	-0.066
140	0.53	-0.033
61	0.52	0.000
Median	0.52	0.000
9	0.50	0.131
111	0.48	0.295
23	0.45	0.459
23	0.44	0.558
61	0.43	0.623
34	0.41	0.722
28	0.40	0.787
Std Dev	0.37	1.000

14	0.36	1.050
14	0.36	1.050
43	0.25	1.771
43	0.25	1.771

101.30 Acid Soluble Calcium			
Lab	%CaO	ICP	
124	0.33	-2.412	
24	0.31	-1.340	
23	0.30	-1.072	
34	0.30	-1.072	
Std Dev	0.30	-1.000	
23	0.30	-0.804	
61	0.29	-0.536	
24	0.28	0.000	
32	0.28	0.000	
61	0.28	0.000	
Median	0.28	0.000	
39	0.28	0.241	
14	0.27	0.536	
14	0.27	0.536	
31	0.27	0.536	
9	0.27	0.804	
Std Dev	0.26	1.000	
43	0.26	1.302	
43	0.26	1.302	
102	0.25	1.611	

101.XX Acid Soluble Calcium			
Lab	%CaO	Total Method	
124	0.33	-2.412	
24	0.31	-1.340	
23	0.30	-1.072	
34	0.30	-1.072	
Std Dev	0.30	-1.000	
23	0.30	-0.804	
61	0.29	-0.536	
24	0.28	0.000	
32	0.28	0.000	
61	0.28	0.000	
Median	0.28	0.000	
39	0.28	0.241	
14	0.27	0.536	
14	0.27	0.536	

31	0.27	0.536
9	0.27	0.804
Std Dev	0.26	1.000
43	0.26	1.302
43	0.26	1.302
102	0.25	1.611

121.00 Acid Soluble Magnesium		
Lab	%MgO	Atomic Absorption
241	0.74	0.000
Median	0.74	0.000

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
23	1.10	-1.517
124	1.10	-1.391
23	1.09	-1.264
24	1.08	-1.011
Std Dev	1.08	-1.000
9	1.06	-0.506
34	1.06	-0.506
39	1.06	-0.379
14	1.04	0.000
14	1.04	0.000
Median	1.04	0.000
31	1.03	0.379
24	1.02	0.632
61	1.02	0.632
102	1.01	0.834
43	1.01	0.885
61	1.01	0.885
Std Dev	1.00	1.000
32	0.99	1.264
43	0.97	1.770

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
23	1.10	-1.660
124	1.10	-1.537
23	1.09	-1.414
24	1.08	-1.168
Std Dev	1.07	-1.000
9	1.06	-0.676
34	1.06	-0.676

39	1.06	-0.553
14	1.04	-0.184
14	1.04	-0.184
Median	1.03	0.000
31	1.03	0.184
24	1.02	0.430
61	1.02	0.430
102	1.01	0.627
43	1.01	0.676
61	1.01	0.676
Std Dev	0.99	1.000
32	0.99	1.045
43	0.97	-1.537
241	0.74	7.192

131.00 Free Acid		
Lab Acetone Method		
124	0.16	0.000
Median	0.16	0.000

144..01 Sulfate Sulfur (S)		
Lab Gravimetric		
61	1.77	-1.474
Std Dev	1.75	-1.000
241	1.72	-0.268
Median	1.71	0.000
61	1.70	0.268
Std Dev	1.67	1.000
220	1.63	2.278

144.70 Sulfur		
Lab Spectrometric		
14	1.66	-0.058
14	1.65	0.000
Median	1.65	0.000
Std Dev	1.48	1.000
124	1.20	2.622

144.99 Sulfate Sulfur (S)		
Lab Other		
23	1.66	-1.307
23	1.66	-1.177
Std Dev	1.65	-1.000
24	1.62	-0.261

24	1.61	0.000
34	1.61	0.000
Median	1.61	0.000
9	1.59	0.523
Std Dev	1.57	1.000
32	1.54	1.830
31	1.53	2.222

144.XX Sulfate Sulfur (S)		
Lab Total Method		
61	1.77	-3.127
241	1.72	-2.122
61	1.70	-1.675
Std Dev	1.67	-1.000
14	1.66	-0.782
23	1.66	-0.782
23	1.66	-0.670
14	1.65	-0.558
220	1.63	0.000
Median	1.63	0.000
24	1.62	0.112
24	1.61	0.335
34	1.61	0.335
9	1.59	0.782
Std Dev	1.58	1.000
32	1.54	1.898
31	1.53	2.233
124	1.20	9.492

145.99 Total Sulfur (S)		
Lab Other		
111	1.84	-3.897
Std Dev	1.63	-1.000
43	1.60	-0.433
43	1.57	0.000
Median	1.57	0.000
102	1.50	0.907
Std Dev	1.50	1.000
124	0.40	16.885

145.XX Total Sulfur (S)		
Lab Total Method		
111	1.84	-3.897
Std Dev	1.63	-1.000

43	1.60	-0.433
43	1.57	0.000
Median	1.57	0.000
102	1.50	0.907
Std Dev	1.50	1.000
124	0.40	16.885

151.30 Total Arsenic		
Lab ICP		
124	<0.1	0.000
61	14.50	-4.214
61	14.50	-4.214
Std Dev	11.51	-1.000
43	10.66	-0.075
64	10.59	0.000
64	10.59	0.000
Median	10.59	0.000
102	10.40	0.199
43	10.29	0.323
24	10.20	0.414

151.XX Total Arsenic		
Lab Total Method		
124	<0.1	0.000
61	14.50	-4.214
61	14.50	-4.214
Std Dev	11.51	-1.000
43	10.66	-0.075
64	10.59	0.000
64	10.59	0.000
Median	10.59	0.000
102	10.40	0.199
43	10.29	0.323
24	10.20	0.414

165.00 Acid Soluble Boron		
Lab Spectrometric		
124	843.50	0.000
Median	843.50	0.000

165.99 Acid Soluble Boron		
Lab PPM Other		
102	37.30	-1.340
Std Dev	37.00	-1.000

Median	36.10	0.000
Std Dev	35.20	1.000
24	34.90	1.340

165.XX, ppm Acid Soluble Boron		
Lab PPM Total Method		
124	843.50	-2.672
Std Dev	339.02	-1.000
102	37.30	0.000
Median	37.30	0.000
24	34.90	0.008

181.00 Total Cadmium		
Lab Atomic Absorbtion		
220	4.34	-1.340
Std Dev	4.14	-1.000
Median	3.57	0.000
Std Dev	3.00	1.000
113	2.81	1.340

181.30 Total Cadmium		
Lab PPM ICP		
124	10.74	-41.486
61	3.50	-2.680
Std Dev	3.19	-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
102	2.83	0.938

181.99 Total Cadmium		
Lab Other		
24	3.23	0.000
Median	3.23	0.000

181.XX Total Cadmium		
Lab PPM Total Method		
124	10.74	-23.981
220	4.34	-4.147
61	3.50	-1.549
Std Dev	3.32	-1.000
24	3.23	-0.713

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
102	2.83	0.542
113	2.81	0.589

190.00	Lab	%Al ₂ O ₃	Aluminum ICP
	9	1.75	-1.641
	14	1.73	-1.313
	14	1.73	-1.313
Std Dev	1.72	-1.000	
	43	1.71	-0.766
	124	1.70	-0.547
	34	1.69	-0.438
	23	1.68	-0.109
	23	1.67	0.000
	24	1.67	0.000
Median	1.67	0.000	
	24	1.66	0.219
	43	1.65	0.438
	102	1.63	0.930
	61	1.63	0.984
Std Dev	1.62	1.000	
	32	1.62	1.094
	61	1.62	1.094

190.99	Lab	%Al ₂ O ₃	Aluminum Atomic Absorption
	31	1.69	-1.340
Std Dev	1.61	-1.000	
Median	1.41	0.000	
Std Dev	1.20	1.000	
	241	1.13	1.340

190.XX	Lab	%Al ₂ O ₃	Aluminum Total Method
	9	1.75	-1.489
	14	1.73	-1.191
	14	1.73	-1.191
Std Dev	1.72	-1.000	
	43	1.71	-0.695

124	1.70	-0.496
34	1.69	-0.397
31	1.69	-0.298
23	1.68	-0.099
23	1.67	0.000
24	1.67	0.000
Median	1.67	0.000
24	1.66	0.199
43	1.65	0.397
102	1.63	0.844
61	1.63	0.893
32	1.62	0.993
61	1.62	0.993
Std Dev	1.62	1.000
241	1.13	10.720

191.00	Lab	Total Chromium Atomic Absorption
	113	72.82 0.000
Median	72.82	0.000

191.30	Lab	Total Chromium ICP
	124	118.50 -15.849
	31	88.50 -1.124
Std Dev	88.25	-1.000
	61	87.00 -0.388
	64	86.92 -0.348
	64	86.92 -0.348
Median	86.21	0.000
	9	85.50 0.348
	61	85.00 0.594
Std Dev	84.17	1.000
	43	84.00 1.085
	43	82.00 2.066
	102	80.15 2.975

191.99	Lab	PPM	Total Chromium Other
	24	83.90	0.000
Median	83.90	0.000	

191.XX	Lab	PPM	Total Chromium Total Method
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124	118.50	-12.676
31	88.50	-1.239
Std Dev	87.87	-1.000
61	87.00	-0.667
64	86.92	-0.637
64	86.92	-0.637
9	85.50	-0.095
Median	85.25	0.000
61	85.00	0.095
43	84.00	0.477
24	83.90	0.515
Std Dev	82.63	1.000
43	82.00	1.239
102	80.15	1.944
113	72.82	4.739

202.30	Lab	PPM	Acid Soluble Cobalt ICP
	124	11.57	-459.084
Std Dev	3.02	-1.000	
	43	3.00	0.000
	43	3.00	0.000
	61	3.00	0.000
	61	3.00	0.000
Median	3.00	0.000	
Std Dev	2.98	1.000	
	9	2.95	2.680
	102	2.45	29.748

202.99	Lab	PPM	Acid Soluble Cobalt Other
	24	2.60	0.000
Median	2.60	0.000	

202.XX	Lab	PPM	Acid Soluble Cobalt Total Method
	124	11.57	-83.470
Std Dev	3.10	-1.000	
	43	3.00	0.000
	43	3.00	0.000
	61	3.00	0.000
	61	3.00	0.000
Median	3.00	0.000	
	9	2.95	0.487

Std Dev	2.90	1.000
24	2.60	3.898
102	2.45	5.409

221.00	Lab	Acid Soluble Copper Atomic Absorption
	220	1.23 -1.340
Std Dev	1.19	-1.000
Median	1.07	0.000
Std Dev	0.95	1.000
	241	0.91 1.340

221.30	Lab	PPM	Acid Soluble Copper ICP
	43	<1	0.000
	43	<1	0.000
	124	21.35	-4.769
Std Dev	5.86	-1.000	
	61	2.00	-0.061
Median	1.75	0.000	
	61	1.50	0.061
	102	0.82	0.226

221.99	Lab	PPM	Acid Soluble Copper Other
	24	0.43	0.000
Median	0.43	0.000	

221.XX	Lab	PPM	Acid Soluble Copper Total Method
	43	<1	0.000
	43	<1	0.000
	124	21.35	-22.536
Std Dev	2.38	-1.000	
	61	2.00	-0.568
	61	1.50	0.000
Median	1.50	0.000	
	102	0.82	0.772
	24	0.43	1.215

241.30	Lab	%Fe ₂ O ₃	Acid Soluble Iron ICP
	23	1.34	-1.340
	23	1.33	-1.072

34	1.33	-1.072
Std Dev	1.33	-1.000
14	1.31	-0.536
24	1.31	-0.536
24	1.31	-0.536
14	1.31	-0.402
39	1.31	-0.402
31	1.29	0.000
43	1.29	0.000
Median	1.29	0.000
9	1.28	0.402
43	1.27	0.670
32	1.26	0.804
61	1.26	0.804
61	1.26	0.938
Std Dev	1.25	1.000
124	1.24	1.474
102	1.18	2.928

241.XX	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Total Method
23	1.34	-1.276
23	1.33	-1.021
34	1.33	-1.021
Std Dev	1.33	-1.000
14	1.31	-0.510
24	1.31	-0.510
24	1.31	-0.510
14	1.31	-0.383
39	1.31	-0.383
31	1.29	0.000
43	1.29	0.000
Median	1.29	0.000
9	1.28	0.383
43	1.27	0.638
32	1.26	0.766
61	1.26	0.766
61	1.26	0.893
Std Dev	1.25	1.000
124	1.24	1.404
220	1.23	1.493
102	1.18	2.788
241	0.91	9.699

251.00	Total Lead	
Lab	Atomic Absorbion	
113	<2.0	0.000
Median	0.00	0.000

251.30	Total Lead	
Lab	PPM	ICP
124	<0.1	0.000
43	1.00	0.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

251.99	Total Lead	
Lab	Other	
24	1.09	0.000
Median	1.09	0.000

251.XX	Total Lead	
Lab	PPM	Total Method
113	<2.0	0.000
124	<0.1	0.000
24	1.09	0.040
43	1.00	0.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

261.30	Acid Soluble Manganese	
Lab	ICP	
124	378.50	-0.439
9	375.50	-0.292
31	369.50	0.000
Median	369.50	0.000
Std Dev	348.98	1.000
39	348.00	1.048
102	330.60	1.895

261.99	Acid Soluble Manganese	
Lab	PPM	Other
43	381.00	-0.915
43	379.00	-0.784

61	367.00	0.000
Median	367.00	0.000
61	358.50	0.556
Std Dev	351.70	1.000
24	347.00	1.307

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
43	381.00	-0.630
43	379.00	-0.531
124	378.50	-0.506
9	375.50	-0.358
31	369.50	-0.062
Median	368.25	0.000
61	367.00	0.062
61	358.50	0.482
Std Dev	348.01	1.000
39	348.00	1.000
24	347.00	1.050
102	330.60	1.860

271.99	Water Soluble Manganese	
Lab	Other	
124	<0.1	0.000
Median	0.00	0.000

271.XX	Water Soluble Manganese	
Lab	PPM	Total Method
124	<0.1	0.000
Median	0.00	0.000

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

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
102	<0.4	0.000

24	<0.07	0.000
Median	0.00	0.000

289.30	Total Molybdenum	
Lab	PPM	ICP
124	16.21	-40.368
Std Dev	15.03	-1.000

289.99	Total Molybdenum	
Lab	PPM	Other
24	15.40	0.000
Median	15.40	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
124	16.21	-10.588
24	15.40	-3.515
102	15.15	-1.318
Std Dev	15.11	-1.000
9	15.00	0.000
61	15.00	0.000
61	15.00	0.000
Median	15.00	0.000
64	14.96	0.351
64	14.96	0.351
Std Dev	14.89	1.000
43	14.65	3.075
43	14.60	3.515

291.30	Total Nickel	
Lab	ICP	
124	36.94	-44.857
Std Dev	13.53	-1.000
9	13.50	-0.937
64	13.22	-0.403
64	13.22	-0.403
61	13.00	0.000
Median	13.00	0.000
43	12.50	0.937
43	12.50	0.937
61	12.50	0.937
Std Dev	12.47	1.000
102	11.55	2.717

291.99		
Lab	PPM	Total Nickel Other
24	14.80	0.000
Median	14.80	0.000

291.XX		
Lab	PPM	Total Nickel Total Method
124	36.94	-34.378
24	14.80	-2.442
Std Dev	13.80	-1.000
9	13.50	-0.566
64	13.22	-0.155
64	13.22	-0.155
Median	13.11	0.000
61	13.00	0.155
43	12.50	0.877
43	12.50	0.877
61	12.50	0.877
Std Dev	12.41	1.000
102	11.55	2.247

301.30		
Lab	PPM	Total Selenium ICP
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
124	<0.1	0.000
Median	0.00	0.000

301.XX		
Lab	PPM	Total Selenium Total Mthod
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
124	<0.1	0.000
Median	0.00	0.000

311.00		
Lab	%Na ₂ O	Sodium Atomic Absorbtion
61	0.26	0.000
Median	0.26	0.000

311.30		
Lab	%Na ₂ O	Sodium Flame Photometric
61	0.26	0.000
Median	0.26	0.000

241	0.18	0.000
Median	0.18	0.000

311.99		
Lab	%Na ₂ O	Sodium Other
24	0.27	-1.528
61	0.26	-1.069
Std Dev	0.25	-1.000
24	0.25	-0.917
23	0.22	0.000
23	0.22	0.000
Median	0.22	0.000
124	0.21	0.306
43	0.21	0.423
43	0.20	0.582
102	0.20	0.741

311.XX		
Lab	%Na ₂ O	Sodium Total Method
24	0.27	-1.369
61	0.26	-1.095
Std Dev	0.26	-1.000
61	0.26	-0.958
24	0.25	-0.821
23	0.22	0.000
23	0.22	0.000
Median	0.22	0.000
124	0.21	0.274
43	0.21	0.379
43	0.20	0.521
102	0.20	0.664
Std Dev	0.18	1.000
241	0.18	1.095

321.30		
Lab	PPM	Acid Soluble Zinc ICP
124	94.74	-3.111
Std Dev	85.75	-1.000
24	84.20	-0.635
61	81.50	0.000
Median	81.50	0.000
61	78.50	0.705
Std Dev	77.25	1.000
102	75.50	1.411

321.99		
Lab	PPM	Acid Soluble Zinc Other
43	80.50	-1.340
Std Dev	80.31	-1.000
Median	79.75	0.000
Std Dev	79.19	1.000
43	79.00	1.340

321.XX		
Lab	PPM	Acid Soluble Zinc Total Method
124	94.74	-4.652
24	84.20	-1.209
Std Dev	83.56	-1.000
61	81.50	-0.327
43	80.50	0.000
Median	80.50	0.000
43	79.00	0.490
61	78.50	0.654
Std Dev	77.44	1.000
102	75.50	1.634

325.10		
Lab	%	Fluoride Electrode
28	1.88	-1.897
220	1.88	-1.880
32	1.81	-0.742
111	1.80	-0.495
24	1.79	-0.330
23	1.77	0.000
23	1.77	0.000
24	1.77	0.000
Median	1.77	0.000
9	1.75	0.330
31	1.72	0.825
34	1.71	0.907
102	1.66	1.814
28	1.43	5.525
14	1.32	7.339

325.99		
Lab	%	Fluoride Other
124	2.69	-3.417
61	1.77	-0.028

Median	1.76	0.000
61	1.76	0.028
14	1.28	1.777

325.XX		
Lab	%	Fluoride Total Method
124	2.69	-15.255
28	1.88	-1.897
220	1.88	-1.880
32	1.81	-0.742
111	1.80	-0.495
24	1.79	-0.330
61	1.77	-0.082
23	1.77	0.000
23	1.77	0.000
24	1.77	0.000
Median	1.77	0.000
61	1.76	0.165
9	1.75	0.330
31	1.72	0.825
34	1.71	0.907
102	1.66	1.814
28	1.43	5.525
14	1.32	7.339
14	1.28	7.999