

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
32	17.06	-1.489
Std Dev	17.05	-1.000
49	17.03	0.000
Median	17.03	0.000
Std Dev	17.01	1.000
79	17.01	1.191

001.99 Ammoniacal Nitrogen		
Lab	Other	
61	17.35	-2.281
Std Dev	17.31	-1.000
61	17.29	-0.570
24	17.27	0.000
Median	17.27	0.000
24	17.24	0.770
Std Dev	17.23	1.000
124	16.93	9.694

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
61	17.35	-1.077
Std Dev	17.34	-1.000
61	17.29	-0.756
24	17.27	-0.649
24	17.24	-0.504
Median	17.15	0.000
32	17.06	0.504
49	17.03	0.638
79	17.01	0.745
Std Dev	16.96	1.000
124	16.93	1.174

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
49	17.16	-3.573
Std Dev	17.06	-1.000
79	17.03	-0.137
Median	17.03	0.000
43	17.02	0.137
43	16.99	0.962

010.12 Total Nitrogen		
Lab	Salicylic	
119	17.18	-1.340
Std Dev	17.17	-1.000
Median	17.17	0.000
Std Dev	17.17	1.000
107	17.17	1.340

010.60 Total Nitrogen		
Lab	Combustion	
95	17.65	-2.528
123	17.49	-1.553
29	17.48	-1.462
Std Dev	17.40	-1.000
9	17.38	-0.883
103	17.35	-0.700
42	17.33	-0.579
65	17.33	-0.579
14	17.33	-0.548
14	17.33	-0.548
9	17.31	-0.457
104	17.31	-0.426
61	17.26	-0.152
102	17.26	-0.152
96	17.25	-0.091
39	17.24	0.000
Median	17.24	0.000
77	17.21	0.152
49	17.19	0.274
44	17.18	0.335
99	17.13	0.640
24	17.11	0.761
35	17.11	0.792
66	17.11	0.792
80	17.10	0.853
9	17.08	0.975
Std Dev	17.07	1.000
24	17.04	1.188
110	16.75	2.954
87	16.72	3.167
270	16.60	3.868
38	16.56	4.111

010.99 Total Nitrogen		
Lab	Other	
40	17.32	-1.690
Std Dev	17.28	-1.000
47	17.27	-0.866
34	17.23	-0.206
Median	17.22	0.000
32	17.21	0.206
23	17.17	0.783
Std Dev	17.16	1.000
23	17.13	1.443

010.XX Total Nitrogen		
Lab	Total Method	
95	17.65	-3.007
123	17.49	-1.961
29	17.48	-1.863
9	17.38	-1.242
103	17.35	-1.046
Std Dev	17.34	-1.000
42	17.33	-0.915
65	17.33	-0.915
14	17.33	-0.882
14	17.33	-0.882
40	17.32	-0.850
9	17.31	-0.784
104	17.31	-0.752
47	17.27	-0.523
64	17.26	-0.458
102	17.26	-0.458
96	17.25	-0.392
39	17.24	-0.294
34	17.23	-0.261
77	17.21	-0.131
32	17.21	-0.098
49	17.19	0.000
Median	17.19	0.000
44	17.18	0.065
119	17.18	0.098
23	17.17	0.131
107	17.17	0.131
49	17.16	0.229
23	17.13	0.392
99	17.13	0.392

24	17.11	0.523
35	17.11	0.556
66	17.11	0.556
80	17.10	0.621
9	17.08	0.752
24	17.04	0.980
Std Dev	17.04	1.000
79	17.03	1.046
43	17.02	1.111
43	16.99	1.307
110	16.75	2.876
87	16.72	3.105
270	16.60	3.857
38	16.56	4.118

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
35	47.90	-1.616
Std Dev	47.65	-1.000
40	47.27	0.000
Median	47.27	0.000
Std Dev	46.88	1.000
79	46.85	1.064

020.20 Total Phosphate		
Lab	Spectrometric	
95	48.00	-2.394
220	47.66	-1.381
Std Dev	47.54	-1.000
123	47.53	-0.979
9	47.51	-0.903
9	47.41	-0.602
32	47.30	-0.286
43	47.29	-0.241
34	47.25	-0.136
43	47.21	0.000
Median	47.21	0.000
24	47.09	0.346
99	47.00	0.617
31	46.98	0.678
23	46.96	0.738
23	46.91	0.888
Std Dev	46.87	1.000
270	46.81	1.189

102	46.78	1.280
24	46.77	1.310
020.40 Total Phosphate Automated		
96	48.22	-7.077
Std Dev	47.49	-1.000
14	47.45	-0.670
14	47.37	0.000
Median	47.37	0.000
61	47.29	0.670
Std Dev	47.25	1.000
61	47.24	1.089
020.50 Total Phosphate ICP		
9	47.54	0.000
Median	47.54	0.000
020.99 Total Phosphate Other		
124	46.83	-1.340
Std Dev	46.82	-1.000
Median	46.79	0.000
Std Dev	46.76	1.000
110	46.75	1.340
020.XX Total Phosphate Total Method		
96	48.22	-2.485
95	48.00	-1.927
35	47.90	-1.655
220	47.66	-1.055
Std Dev	47.64	-1.000
9	47.54	-0.720
123	47.53	-0.707
9	47.51	-0.642
14	47.45	-0.500
9	47.41	-0.383
14	47.37	-0.292
32	47.30	-0.110
61	47.29	-0.084
43	47.29	-0.071
40	47.27	-0.019

Median	47.26	0.000
34	47.25	0.019
61	47.24	0.045
43	47.21	0.136
24	47.09	0.435
99	47.00	0.668
31	46.98	0.720
23	46.96	0.772
23	46.91	0.902
Std Dev	46.87	1.000
79	46.85	1.058
124	46.83	1.110
270	46.81	1.162
102	46.78	1.239
24	46.77	1.265
110	46.75	1.317
030.10 Insoluble Phosphate Gravimetric Quimociac		
79	0.05	0.000
Median	0.05	0.000
030.20 Insoluble Phosphate Spectrometric		
24	0.05	-2.197
24	0.04	-1.318
43	0.04	-1.054
Std Dev	0.04	-1.000
43	0.03	-0.308
23	0.03	0.000
23	0.03	0.000
32	0.03	0.000
Median	0.03	0.000
31	0.02	0.439
9	0.02	0.879
Std Dev	0.01	1.000
9	0.01	1.318
9	0.01	1.318
030.40 Insoluble Phosphate Automated		
34	0.03	-0.244
61	0.03	0.000
Median	0.03	0.000

Std Dev	0.03	1.000
61	0.02	2.436
030.50 Insoluble Phosphate ICP		
14	0.06	0.000
14	0.06	0.000
Median	0.06	0.000
030.XX Insoluble Phosphate Total Method		
14	0.06	-1.776
14	0.06	-1.776
24	0.05	-1.441
79	0.05	-1.441
Std Dev	0.04	-1.000
24	0.04	-0.771
43	0.04	-0.570
34	0.03	-0.168
61	0.03	-0.101
43	0.03	0.000
Median	0.03	0.000
23	0.03	0.235
23	0.03	0.235
32	0.03	0.235
31	0.02	0.570
61	0.02	0.570
9	0.02	0.905
Std Dev	0.01	1.000
9	0.01	1.240
9	0.01	1.240
040.10 Indirect Available Phosphate Gravimetric Quimociac		
79	46.80	0.000
Median	46.80	0.000
040.20 Indirect Available Phosphate Spectrometric		
32	47.28	-1.359
43	47.26	-1.283
Std Dev	47.20	-1.000
43	47.17	-0.805
24	47.05	-0.226

Median	47.01	0.000
31	46.96	0.226
23	46.94	0.352
23	46.89	0.604
Std Dev	46.81	1.000
24	46.72	1.434
040.40 Indirect Available Phosphate Automated		
14	47.35	-2.847
Std Dev	47.29	-1.000
14	47.27	-0.168
Median	47.27	0.000
61	47.26	0.168
Std Dev	47.24	1.000
61	47.22	1.507
040.99 Indirect Available Phosphate Other		
64	47.26	-1.340
Std Dev	47.25	-1.000
Median	47.24	0.000
Std Dev	47.22	1.000
34	47.22	1.340
040.XX Indirect Available Phosphate Total Method		
14	47.35	-0.557
32	47.28	-0.236
14	47.27	-0.214
43	47.26	-0.172
61	47.26	-0.172
64	47.26	-0.150
34	47.22	0.000
61	47.22	0.000
Median	47.22	0.000
43	47.17	0.236
24	47.05	0.729
Std Dev	46.99	1.000
31	46.96	1.115
23	46.94	1.222
23	46.89	1.436
79	46.80	1.801
24	46.72	2.144

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
107	47.80	-1.472
Std Dev	47.58	-1.000
47	47.54	-0.904
65	47.45	-0.722
44	47.44	-0.700
49	47.14	-0.057
Median	47.11	0.000
220	47.09	0.057
39	47.01	0.222
104	46.76	0.758
Std Dev	46.65	1.000
87	46.51	1.304
119	46.09	2.194

041.20 Direct Available Phosphate		
Lab		Spectrometric
47	45.52	0.000
Median	45.52	0.000

041.40 Direct Available Phosphate		
Lab		Automated
38	47.14	-3.492
Std Dev	47.06	-1.000
49	47.04	-0.244
Median	47.03	0.000
42	47.02	0.244
39	47.02	0.406

041.50 Direct Available Phosphate		
Lab		ICP
66	46.92	-0.285
80	46.80	0.000
Median	46.80	0.000
Std Dev	46.38	1.000
87	45.79	2.395

041.60 Direct Available Phosphate		
Lab		EDTA Extract
29	47.23	-1.819
Std Dev	47.14	-1.000
77	47.04	0.000

Median	47.04	0.000
65	46.95	0.861

041.XX Direct Available Phosphate		
Lab		Total Method
107	47.80	-3.074
47	47.54	-2.030
65	47.45	-1.695
44	47.44	-1.655
Std Dev	47.27	-1.000
29	47.23	-0.828
49	47.14	-0.473
38	47.14	-0.453
220	47.09	-0.263
77	47.04	-0.079
49	47.04	-0.059
42	47.02	0.000

Median	47.02	0.000
39	47.02	0.020
39	47.01	0.039
65	46.95	0.276
66	46.92	0.394
80	46.80	0.867
Std Dev	46.77	1.000
104	46.76	1.025
87	46.51	2.030
119	46.09	3.665
87	45.79	4.848
47	45.52	5.931

048.10 Water Soluble Phosphate		
Lab		Gravimetric Quimociac
79	42.68	0.000
Median	42.68	0.000

048.20 Water Soluble Phosphate		
Lab		Spectrometric
24	43.81	-1.034
Std Dev	43.80	-1.000
43	43.79	-0.940
24	43.78	-0.893
32	43.62	-0.141
23	43.59	0.000
Median	43.59	0.000

220	43.59	0.003
31	43.50	0.447
43	43.46	0.635
23	43.43	0.776

048.99 Water Soluble Phosphate		
Lab		Other
123	44.75	-1.780
Std Dev	44.37	-1.000
61	44.19	-0.634
61	44.02	-0.286
Median	43.88	0.000
34	43.74	0.286
14	43.41	0.962
Std Dev	43.39	1.000
14	43.35	1.095

048.XX Water Soluble Phosphate		
Lab		Total Method
123	44.75	-4.415
61	44.19	-2.256
61	44.02	-1.600
Std Dev	43.86	-1.000
24	43.81	-0.791
43	43.79	-0.713
24	43.78	-0.675
34	43.74	-0.521
32	43.62	-0.058
Median	43.61	0.000
23	43.59	0.058
220	43.59	0.060
31	43.50	0.424
43	43.46	0.578
23	43.43	0.694
14	43.41	0.752
Std Dev	43.35	1.000
14	43.35	1.003
79	42.68	3.567

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	0.16	-1.340
Std Dev	0.16	-1.000
Median	0.16	0.000
Std Dev	0.15	1.000
32	0.15	1.340

050.99 Soluble Potash		
Lab	%K ₂ O	Other
23	0.16	-2.064
23	0.15	-1.124
Std Dev	0.15	-1.000
102	0.14	-0.583
43	0.14	-0.184
43	0.14	0.000
Median	0.14	0.000
61	0.13	0.757
61	0.13	0.757
Std Dev	0.13	1.000
24	0.10	3.578
24	0.10	3.578

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
87	<0.1	0.000
23	0.16	0.000
87	0.16	0.000
Std Dev	0.00	-1.000
23	0.15	0.000
32	0.15	0.000
102	0.14	0.000
43	0.14	0.000
Median	0.00	0.000
43	0.14	0.000
61	0.13	0.000
61	0.13	0.000
Std Dev	0.00	1.000
24	0.10	0.000
24	0.10	0.000

060.00 Free Water		
Lab		Vacuum Oven
31	1.46	-1.722

123	1.30	-1.103
24	1.27	-1.006
Std Dev	1.27	-1.000
24	1.26	-0.968
32	1.18	-0.639
23	1.13	-0.445
23	1.09	-0.290
9	1.07	-0.213
9	1.02	-0.039
Median	1.01	0.000
9	1.00	0.039
79	1.00	0.039
14	0.83	0.716
14	0.82	0.735
43	0.82	0.755
43	0.82	0.755
34	0.80	0.813
220	0.77	0.929
Std Dev	0.75	1.000
124	0.72	1.122

060.10 Free Water Vacuum Desiccate		
Lab		
61	1.07	-1.340
Std Dev	1.03	-1.000
Median	0.93	0.000
Std Dev	0.83	1.000
61	0.79	1.340

060.XX Free Water Total Method		
Lab		
31	1.46	-1.849
123	1.30	-1.184
24	1.27	-1.080
24	1.26	-1.039
Std Dev	1.25	-1.000
32	1.18	-0.686
23	1.13	-0.478
23	1.09	-0.312
61	1.07	-0.249
9	1.07	-0.229
9	1.02	-0.042
Median	1.01	0.000
9	1.00	0.042

79	1.00	0.042
14	0.83	0.769
14	0.82	0.789
43	0.82	0.810
43	0.82	0.810
34	0.80	0.873
61	0.79	0.914
220	0.77	0.997
Std Dev	0.77	1.000
124	0.72	1.205

101.30 Acid Soluble Calcium ICP		
Lab	%CaO	
14	0.52	-1.567
Std Dev	0.50	-1.000
14	0.50	-0.870
34	0.50	-0.870
61	0.50	-0.870
23	0.50	-0.696
23	0.49	-0.522
61	0.49	-0.522
79	0.49	-0.522
24	0.48	-0.174
24	0.48	-0.174
Median	0.48	0.000
9	0.47	0.174
9	0.47	0.174
9	0.46	0.522
32	0.46	0.522
102	0.45	0.773
87	0.45	0.778
Std Dev	0.45	1.000
39	0.45	1.044
43	0.44	1.219
43	0.44	1.285
124	0.40	2.611

101.XX Acid Soluble Calcium Total Method		
Lab	%CaO	
14	0.52	-1.567
Std Dev	0.50	-1.000
14	0.50	-0.870
34	0.50	-0.870
61	0.50	-0.870

23	0.50	-0.696
23	0.49	-0.522
61	0.49	-0.522
79	0.49	-0.522
24	0.48	-0.174
24	0.48	-0.174
Median	0.48	0.000
9	0.47	0.174
9	0.47	0.174
9	0.46	0.522
32	0.46	0.522
102	0.45	0.773
87	0.45	0.778
Std Dev	0.45	1.000
39	0.45	1.044
43	0.44	1.219
43	0.44	1.285
124	0.40	2.611

121.30 Acid Soluble Magnesium ICP		
Lab	%MgO	
79	2ppm	0.000
24	0.85	-3.919
24	0.75	-1.120
Std Dev	0.75	-1.000
102	0.74	-0.903
34	0.73	-0.560
61	0.73	-0.560
23	0.73	-0.420
23	0.72	-0.280
32	0.72	-0.280
9	0.72	-0.140
9	0.71	0.000
9	0.71	0.000
Median	0.71	0.000
61	0.70	0.280
14	0.69	0.700
14	0.68	0.840
87	0.68	0.860
39	0.68	0.868
Std Dev	0.67	1.000
124	0.47	6.719
43	0.47	6.859
43	0.45	7.419

121.XX Acid Soluble Magnesium Total Method		
Lab	%MgO	
79	2ppm	0.000
24	0.85	-3.919
24	0.75	-1.120
Std Dev	0.75	-1.000
102	0.74	-0.903
34	0.73	-0.560
61	0.73	-0.560
23	0.73	-0.420
23	0.72	-0.280
32	0.72	-0.280
9	0.72	-0.140
9	0.71	0.000
9	0.71	0.000
Median	0.71	0.000
61	0.70	0.280
14	0.69	0.700
14	0.68	0.840
87	0.68	0.860
39	0.68	0.868
Std Dev	0.67	1.000
124	0.47	6.719
43	0.47	6.859
43	0.45	7.419

144..01 Sulfate Sulfur (S) Gravimetric		
Lab		
61	1.79	0.000
61	1.79	0.000
Median	1.79	0.000

144.99 Sulfate Sulfur (S) Other		
Lab		
43	5.77	-53.250
43	5.65	-51.708
124	4.92	-42.116
24	1.81	-1.248
220	1.80	-1.095
Std Dev	1.79	-1.000
24	1.79	-0.986
14	1.72	-0.066
34	1.72	-0.066

14	1.72	0.000
23	1.72	0.000
Median	1.72	0.000
9	1.70	0.166
9	1.70	0.232
23	1.70	0.263
9	1.69	0.275
Std Dev	1.64	1.000
32	1.63	1.117
87	1.60	1.518
270	1.59	1.708
102	1.55	2.172

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
43	5.77	-55.759
43	5.65	-54.144
124	4.92	-44.093
24	1.81	-1.274
220	1.80	-1.113
Std Dev	1.79	-1.000
24	1.79	-0.998
61	1.79	-0.998
61	1.79	-0.998
14	1.72	-0.034
34	1.72	-0.034
Median	1.72	0.000
14	1.72	0.034
23	1.72	0.034
9	1.70	0.208
9	1.70	0.277
23	1.70	0.310
9	1.69	0.323
Std Dev	1.64	1.000
32	1.63	1.205
87	1.60	1.625
270	1.59	1.824
102	1.55	2.310

151.30 Total Arsenic		
Lab	ICP	
64	BDL	0.000
102	<5	0.000
9	15.50	-0.990

270	15.00	-0.724
9	13.88	-0.125
Median	13.64	0.000
9	13.41	0.125
24	11.80	0.979
124	8.30	2.842

151.99 Total Arsenic		
Lab	Other	
61	15.40	-0.268
87	15.30	0.000
Median	15.30	0.000
Std Dev	14.93	1.000
61	14.40	2.412

151.XX Total Arsenic		
Lab	Total Method	
64	BDL	0.000
102	<5	0.000
9	15.50	-0.778
61	15.40	-0.707
87	15.30	-0.636
270	15.00	-0.424
61	14.40	0.000
Median	14.40	0.000
9	13.88	0.371
9	13.41	0.704
Std Dev	12.99	1.000
24	11.80	1.839
124	8.30	4.313

165.99 Acid Soluble Boron		
Lab	PPM	Other
87	501.00	-0.751
124	470.00	-0.658
Median	251.00	0.000
24	32.00	0.658
102	30.00	0.664

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	501.00	-0.751
124	470.00	-0.658
Median	251.00	0.000

24	32.00	0.658
102	30.00	0.664
Median	30.00	0.664

181.00 Total Cadmium		
Lab	Atomic Absorption	
220	4.95	0.000
Median	4.95	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
64	BDL	0.000
270	5.50	-3.980
124	4.50	-1.327
9	4.48	-1.260
Std Dev	4.38	-1.000
9	4.29	-0.756
9	4.13	-0.345
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
87	3.90	0.265
43	3.85	0.398
43	3.75	0.663
Std Dev	3.62	1.000
102	3.50	1.327

181.99 Total Cadmium		
Lab	Other	
24	4.27	0.000
Median	4.27	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
64	BDL	0.000
270	5.50	-3.193
220	4.95	-1.915
Std Dev	4.56	-1.000
124	4.50	-0.862
9	4.48	-0.804
9	4.29	-0.361
24	4.27	-0.326
9	4.13	0.000
Median	4.13	0.000
61	4.00	0.303

61	4.00	0.303
87	3.90	0.536
43	3.85	0.653
43	3.75	0.886
Std Dev	3.70	1.000
102	3.50	1.468

190.00 Aluminum		
Lab	%Al ₂ O ₃	ICP
9	1.83	-1.660
9	1.79	-1.168
Std Dev	1.77	-1.000
9	1.77	-0.922
14	1.73	-0.492
34	1.73	-0.492
14	1.73	-0.430
23	1.73	-0.430
23	1.72	-0.369
24	1.71	-0.246
24	1.69	0.000
Median	1.69	0.000
61	1.66	0.369
32	1.66	0.430
61	1.64	0.615
87	1.64	0.651
Std Dev	1.61	1.000
124	1.60	1.106
43	1.39	3.688
102	1.37	3.935
43	1.36	4.119
79	0.04	20.285

190.99 Aluminum		
Lab	%Al ₂ O ₃	Atomic Absorption
220	1.93	0.000
Median	1.93	0.000

190.XX Aluminum		
Lab	%Al ₂ O ₃	Total Method
220	1.93	-3.036
9	1.83	-1.638
9	1.79	-1.114
Std Dev	1.78	-1.000
9	1.77	-0.852

14	1.73	-0.393
34	1.73	-0.393
14	1.73	-0.328
23	1.73	-0.328
23	1.72	-0.262
24	1.71	-0.131
Median	1.70	0.000
24	1.69	0.131
61	1.66	0.524
32	1.66	0.590
61	1.64	0.786
87	1.64	0.826
Std Dev	1.62	1.000
124	1.60	1.311
43	1.39	4.063
102	1.37	4.326
43	1.36	4.522
79	0.04	21.756

191.30	Total Chromium	
Lab	PPM	ICP
270	100.50	-2.581
Std Dev	92.92	-1.000
87	92.70	-0.955
61	89.00	-0.183
64	88.25	-0.026
Median	88.12	0.000
61	88.00	0.026
43	84.00	0.860
Std Dev	83.33	1.000
43	82.00	1.277
102	57.50	6.387

191.99	Total Chromium	
Lab	PPM	Other
124	117.00	-1.340
Std Dev	111.80	-1.000
Median	96.50	0.000
Std Dev	81.20	1.000
24	76.00	1.340

191.XX	Total Chromium	
Lab	PPM	Total Method
124	117.00	-4.172

270	100.50	-1.788
Std Dev	95.04	-1.000
87	92.70	-0.661
61	89.00	-0.127
64	88.25	-0.018
Median	88.12	0.000
61	88.00	0.018
43	84.00	0.596
43	82.00	0.885
Std Dev	81.20	1.000
24	76.00	1.751
102	57.50	4.424

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
64	BDL	0.000
124	5.50	-5.399
61	3.00	-1.076
61	3.00	-1.076
Std Dev	2.96	-1.000
9	2.55	-0.298
87	2.45	-0.125
Median	2.38	0.000
9	2.31	0.125
9	2.30	0.134
102	2.05	0.566
43	2.00	0.653
43	2.00	0.653

202.99	Acid Soluble Cobalt	
Lab	PPM	Other
24	1.95	0.000
Median	1.95	0.000

202.99	Acid Soluble Cobalt	
Lab	PPM	Other
24	1.95	0.000
Median	1.95	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
64	BDL	0.000
124	5.50	-5.708
61	3.00	-1.242
61	3.00	-1.242
Std Dev	2.86	-1.000
9	2.55	-0.438
87	2.45	-0.259
9	2.31	0.000

Median	2.31	0.000
9	2.30	0.009
102	2.05	0.456
43	2.00	0.545
43	2.00	0.545
24	1.95	0.634

221.30	Acid Soluble Copper	
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
87	<0.9	0.000
270	2.00	-13.400
Std Dev	1.07	-1.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
102	0.90	1.340
124	0.11	11.993

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
87	<0.9	0.000
270	2.00	-13.400
Std Dev	1.07	-1.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
102	0.90	1.340
124	0.11	11.993

241.00	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Atomic Absorption
220	1.18	0.000
Median	1.18	0.000

241.30	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	ICP
24	1.34	-2.445
24	1.31	-2.007
Std Dev	1.24	-1.000
61	1.21	-0.547

9	1.20	-0.401
9	1.20	-0.401
34	1.20	-0.401
39	1.19	-0.285
23	1.19	-0.182
23	1.18	-0.109
14	1.18	-0.036
Median	1.17	0.000

Median	1.17	0.000
9	1.17	0.036
14	1.17	0.109
32	1.14	0.474
43	1.13	0.693
61	1.11	0.912
Std Dev	1.10	1.000
87	1.10	1.018
43	1.10	1.131
102	1.05	1.721
124	1.04	1.934
79	0.02	16.820

241.XX	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Total Method
24	1.34	-2.457
24	1.31	-2.010
Std Dev	1.24	-1.000
61	1.21	-0.521
9	1.20	-0.372
9	1.20	-0.372
34	1.20	-0.372
39	1.19	-0.253
23	1.19	-0.149
23	1.18	-0.074
220	1.18	-0.074
14	1.18	0.000
Median	1.18	0.000

9	1.17	0.074
14	1.17	0.149
32	1.14	0.521
43	1.13	0.744
61	1.11	0.968
Std Dev	1.11	1.000
87	1.10	1.076
43	1.10	1.191
102	1.05	1.793

124	1.04	2.010
79	0.02	17.197
251.30 Total Lead		
Lab	PPM	ICP
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	7.34	-1.722
9	7.29	-1.705
Std Dev	5.19	-1.000
124	5.00	-0.938
270	2.50	-0.101
9	2.20	0.000
Median	2.20	0.000
61	2.00	0.067
43	1.00	0.402
43	1.00	0.402
61	1.00	0.402
251.XX Total Lead		
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	7.34	-1.722
9	7.29	-1.705
Std Dev	5.19	-1.000
124	5.00	-0.938
270	2.50	-0.101
9	2.20	0.000
Median	2.20	0.000
61	2.00	0.067
43	1.00	0.402
43	1.00	0.402
61	1.00	0.402
261.30 Acid Soluble Manganese		
Lab	PPM	ICP
39	362.00	-1.901
Std Dev	357.26	-1.000
87	357.05	-0.960
61	352.00	0.000
Median	352.00	0.000

61	350.00	0.380
Std Dev	346.74	1.000
102	322.55	5.598
261.99 Acid Soluble Manganese		
Lab	PPM	Other
124	425.00	-3.811
Std Dev	362.86	-1.000
43	345.50	-0.215
Median	340.75	0.000
43	336.00	0.215
24	335.00	0.260
261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
124	425.00	-4.774
Std Dev	365.71	-1.000
39	362.00	-0.764
87	357.05	-0.449
61	352.00	-0.127
61	350.00	0.000
Median	350.00	0.000
43	345.50	0.286
43	336.00	0.891
24	335.00	0.955
Std Dev	334.29	1.000
102	322.55	1.747
281.30 Total Mercury		
Lab	PPM	ICP
24	<0.07	0.000
124	4.00	0.000
Median	4.00	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
124	4.00	0.000

Median	4.00	0.000
289.30 Total Molybdenum		
Lab	PPM	ICP
61	19.00	-2.057
61	19.00	-2.057
Std Dev	17.48	-1.000
9	17.43	-0.961
9	17.33	-0.891
9	17.13	-0.755
64	16.05	0.000
Median	16.05	0.000
43	15.65	0.275
43	15.65	0.275
87	15.25	0.553
102	15.20	0.588
Std Dev	14.61	1.000
124	14.50	1.075
289.99 Total Molybdenum		
Lab	PPM	Other
24	17.40	0.000
Median	17.40	0.000
289.XX Total Molybdenum		
Lab	PPM	Total Method
61	19.00	-1.742
61	19.00	-1.742
Std Dev	17.97	-1.000
9	17.43	-0.605
24	17.40	-0.587
9	17.33	-0.532
9	17.13	-0.392
Median	16.59	0.000
64	16.05	0.392
43	15.65	0.677
43	15.65	0.677
87	15.25	0.966
Std Dev	15.20	1.000
102	15.20	1.002
124	14.50	1.507
291.30 Total Nickel		
Lab	PPM	ICP

124	17.50	-5.228
270	13.00	-1.678
9	12.61	-1.371
Std Dev	12.14	-1.000
87	11.40	-0.416
61	11.00	-0.101
61	11.00	-0.101
Median	10.87	0.000
64	10.75	0.101
9	10.21	0.523
9	10.01	0.684
43	10.00	0.688
43	10.00	0.688
Std Dev	9.60	1.000
102	9.35	1.201
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
124	17.50	-3.968
270	13.00	-1.221
Std Dev	12.64	-1.000
9	12.61	-0.983
24	12.20	-0.733
87	11.40	-0.244
61	11.00	0.000
61	11.00	0.000
Median	11.00	0.000
64	10.75	0.156
9	10.21	0.482
9	10.01	0.607
43	10.00	0.610
43	10.00	0.610
Std Dev	9.36	1.000
102	9.35	1.007
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	50.00	-2.679
Std Dev	27.23	-1.000
9	13.67	0.000
Median	13.67	0.000
9	13.66	0.001

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	50.00	-2.679
Std Dev	27.23	-1.000
9	13.67	0.000
Median	13.67	0.000
9	13.66	0.001

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorption
61	0.17	-1.340
Std Dev	0.17	-1.000
Median	0.17	0.000
Std Dev	0.16	1.000
61	0.16	1.340

311.99 Sodium		
Lab	%Na ₂ O	Other
32	0.26	-3.600
24	0.20	-1.440
87	0.20	-1.264
Std Dev	0.19	-1.000
23	0.17	-0.360
23	0.16	0.000
24	0.16	0.000
Median	0.16	0.000
102	0.16	0.076
43	0.14	0.720
43	0.14	0.813

311.XX Sodium		
Lab	%Na ₂ O	Total Method

32	0.26	-5.676
24	0.20	-2.270
87	0.20	-1.993
Std Dev	0.18	-1.000
23	0.17	-0.568
61	0.17	-0.568
23	0.16	0.000
24	0.16	0.000
61	0.16	0.000
Median	0.16	0.000
102	0.16	0.119
Std Dev	0.14	1.000
43	0.14	1.135
43	0.14	1.281

321.30 Acid Soluble Zinc			
Lab	PPM	ICP	
24	80.10	-2.496	
270	74.50	-1.366	
Std Dev	72.69	-1.000	
64	72.66	-0.994	
124	72.00	-0.862	
61	69.00	-0.256	
9	67.73	0.000	
Median	67.73	0.000	
61	67.00	0.147	
87	66.10	0.329	
9	65.28	0.495	
9	65.25	0.501	
Std Dev	62.77	1.000	
102	61.05	1.348	

321.99 Acid Soluble Zinc			
Lab		Other	
43	64.00	-1.340	
Std Dev	63.49	-1.000	
Median	62.00	0.000	
Std Dev	60.51	1.000	
43	60.00	1.340	

321.XX Acid Soluble Zinc			
Lab	PPM	Total Method	
24	80.10	-2.599	
270	74.50	-1.488	

64	72.66	-1.122
Std Dev	72.04	-1.000
124	72.00	-0.992
61	69.00	-0.397
9	67.73	-0.145
61	67.00	0.000
Median	67.00	0.000
87	66.10	0.179
9	65.28	0.342
9	65.25	0.348
43	64.00	0.595
Std Dev	61.96	1.000
102	61.05	1.180
43	60.00	1.389

325.10 Fluoride			
Lab	%	Electrode	
32	2.97	-6.611	
220	2.65	-2.084	
31	2.62	-1.608	
Std Dev	2.57	-1.000	
23	2.55	-0.607	
23	2.52	-0.250	
24	2.52	-0.250	
102	2.51	-0.036	
Median	2.50	0.000	
34	2.50	0.036	
43	2.50	0.036	
24	2.46	0.607	
43	2.44	0.893	
Std Dev	2.43	1.000	
14	2.35	2.251	
14	2.33	2.466	
270	2.15	5.038	

325.30 Fluoride			
Lab		Distilled/Electrode	
9	2.68	-0.670	
9	2.68	-0.670	
Median	2.66	0.000	
9	2.64	0.670	
9	2.64	0.670	

325.99 Fluoride			
Lab	%	Other	
61	2.64	-1.340	
Std Dev	2.64	-1.000	
Median	2.64	0.000	
Std Dev	2.63	1.000	
61	2.63	1.340	

325.XX Fluoride			
Lab	%	Total Method	
32	2.97	-3.864	
9	2.68	-1.318	
9	2.68	-1.318	
220	2.65	-1.035	
Std Dev	2.64	-1.000	
9	2.64	-0.960	
9	2.64	-0.960	
61	2.64	-0.960	
61	2.63	-0.871	
31	2.62	-0.737	
23	2.55	-0.112	
Median	2.53	0.000	
23	2.52	0.112	
24	2.52	0.112	
102	2.51	0.246	
34	2.50	0.290	
43	2.50	0.290	
24	2.46	0.648	
43	2.44	0.826	
Std Dev	2.42	1.000	
14	2.35	1.675	
14	2.33	1.809	
270	2.15	3.417	