

001.99 Ammoniacal Nitrogen		
Lab		Other
28	18.54	-0.572
31	18.54	-0.572
24	18.50	-0.422
24	18.41	-0.066
Median	18.39	0.000
34	18.37	0.066
38	18.18	0.778
Std Dev	18.12	1.000
32	18.07	1.190
140	17.93	1.715

001.XX Ammoniacal Nitrogen		
Lab		Total Method
28	18.54	-0.572
31	18.54	-0.572
24	18.50	-0.422
24	18.41	-0.066
Median	18.39	0.000
34	18.37	0.066
38	18.18	0.778
Std Dev	18.12	1.000
32	18.07	1.190
140	17.93	1.715

010.11 Total Nitrogen		
Lab		Modified Comprehensive
61	18.65	-2.536
Std Dev	18.48	-1.000
61	18.48	-0.909
113	18.41	-0.239
Median	18.38	0.000
113	18.36	0.239
43	18.31	0.718
Std Dev	18.28	1.000
43	18.21	1.675

010.12 Total Nitrogen		
Lab		Salicylic
119	18.52	-1.340
Std Dev	18.51	-1.000
Median	18.50	0.000
Std Dev	18.48	1.000

107 18.48 1.340

010.60 Total Nitrogen		
Lab		Combustion
29	18.79	-2.371
47	18.76	-2.130
Std Dev	18.59	-1.000
31	18.56	-0.756
99	18.54	-0.618
63	18.53	-0.584
65	18.51	-0.447
79	18.50	-0.344
24	18.48	-0.241
77	18.48	-0.241
63	18.47	-0.137
95	18.45	-0.034
9	18.45	0.000
39	18.45	0.000
39	18.45	0.000
Median	18.45	0.000
49	18.44	0.034
24	18.38	0.447
64	18.34	0.756
80	18.30	0.996
103	18.30	0.996
Std Dev	18.30	1.000
66	18.28	1.134
44	18.25	1.340
14	18.21	1.649
14	18.20	1.684
102	18.14	2.130
111	18.01	2.989

010.99 Total Nitrogen		
Lab		Other
40	18.60	-2.752
Std Dev	18.47	-1.000
34	18.46	-0.797
32	18.44	-0.507
Median	18.41	0.000
23	18.37	0.507
23	18.36	0.652
Std Dev	18.34	1.000
140	18.02	5.577

010.XX Total Nitrogen		
Lab		Total Method
29	18.79	-2.499
47	18.76	-2.245
61	18.65	-1.449
40	18.60	-1.086
Std Dev	18.58	-1.000
31	18.56	-0.797
99	18.54	-0.652
63	18.53	-0.616
119	18.52	-0.543
65	18.51	-0.471
79	18.50	-0.362
24	18.48	-0.254
77	18.48	-0.254
61	18.48	-0.217
107	18.48	-0.217
63	18.47	-0.145
34	18.46	-0.109
95	18.45	-0.036
9	18.45	0.000
39	18.45	0.000
39	18.45	0.000
Median	18.45	0.000
32	18.44	0.036
49	18.44	0.036
113	18.41	0.290
24	18.38	0.471
23	18.37	0.543
23	18.36	0.616
113	18.36	0.652
64	18.34	0.797
Std Dev	18.31	1.000
43	18.31	1.014
80	18.30	1.050
103	18.30	1.050
66	18.28	1.195
44	18.25	1.412
14	18.21	1.738
43	18.21	1.738
14	18.20	1.775
102	18.14	2.245
140	18.02	3.078

111 18.01 3.151

020.10 Total Phosphate		
Lab		Gravimetric Quimociac
241	47.18	-1.340
Std Dev	47.10	-1.000
Median	46.88	0.000
Std Dev	46.65	1.000
40	46.57	1.340

020.20 Total Phosphate		
Lab		Spectrometric
102	46.65	-1.177
Std Dev	46.61	-1.000
31	46.59	-0.852
24	46.48	-0.301
23	46.47	-0.250
99	46.45	-0.150
24	46.44	-0.100
34	46.43	-0.075
140	46.43	-0.075
220	46.43	-0.053
79	46.42	0.000
14	46.42	0.000
14	46.42	0.000
Median	46.42	0.000
23	46.41	0.025
9	46.37	0.225
103	46.35	0.326
61	46.22	0.977
Std Dev	46.22	1.000
61	46.18	1.177
32	46.15	1.327
43	46.14	1.378
43	46.13	1.453
113	46.11	1.528
113	46.08	1.703
95	43.40	15.103

020.30 Total Phosphate		
Lab		Alka. Quimociac
111	46.51	0.000
Median	46.51	0.000

020.50		Total Phosphate
Lab	ICP	
9	46.52	0.000
Median	46.52	0.000

020.99		Total Phosphate
Lab	Other	
28	47.35	0.000
Median	47.35	0.000

020.XX		Total Phosphate
Lab	Total Method	
28	47.35	-4.572
241	47.18	-3.736
102	46.65	-1.130
Std Dev	46.62	-1.000
31	46.59	-0.810
40	46.57	-0.736
9	46.52	-0.466
111	46.51	-0.417
24	46.48	-0.269
23	46.47	-0.220
99	46.45	-0.122
24	46.44	-0.073
34	46.43	-0.048
140	46.43	-0.048
220	46.43	-0.026
Median	46.42	0.000
79	46.42	0.026
14	46.42	0.026
23	46.41	0.050
9	46.37	0.247
103	46.35	0.345
61	46.22	0.985
Std Dev	46.22	1.000
61	46.18	1.181
32	46.15	1.329
43	46.14	1.378
43	46.13	1.452
113	46.11	1.526
113	46.08	1.698
95	43.40	14.852

030.20		Insoluble Phosphate
Lab	Spectrometric	
140	0.20	-7.559
32	0.17	-6.185
61	0.12	-3.665
24	0.06	-1.145
Std Dev	0.06	-1.000
61	0.06	-0.916
43	0.05	-0.527
23	0.05	-0.458
23	0.04	0.000
24	0.04	0.000
79	0.04	0.000
Median	0.04	0.000
31	0.03	0.229
43	0.03	0.389
14	0.03	0.458
14	0.02	0.687
113	0.02	0.756

030.40		Insoluble Phosphate
Lab	Automated	
34	0.07	0.000
Median	0.07	0.000

030.50		Insoluble Phosphate
Lab	ICP	
9	0.04	0.000
Median	0.04	0.000

030.99		Insoluble Phosphate
Lab	Other	
28	0.06	0.000
Median	0.06	0.000

030.XX		Insoluble Phosphate
Lab	Total Method	
140	0.20	-7.675
32	0.17	-6.213
61	0.12	-3.533
34	0.07	-1.340
Std Dev	0.06	-1.000
24	0.06	-0.853
28	0.06	-0.609

61	0.06	-0.609
43	0.05	-0.195
23	0.05	-0.122
Median	0.04	0.000
9	0.04	0.122
23	0.04	0.365
24	0.04	0.365
79	0.04	0.365
31	0.03	0.609
43	0.03	0.780
14	0.03	0.853
Std Dev	0.02	1.000
14	0.02	1.096
113	0.02	1.169

040.20		Indirect Available Phosphate
Lab	Spectrometric	
31	46.56	-0.998
24	46.44	-0.394
23	46.43	-0.342
14	46.40	-0.158
14	46.39	-0.131
79	46.38	-0.079
24	46.38	-0.053
23	46.37	0.000
Median	46.37	0.000
9	46.33	0.184
140	46.23	0.709
Std Dev	46.17	1.000
61	46.17	1.051
43	46.11	1.340
43	46.08	1.498
113	46.08	1.524
61	46.07	1.576

040.50		Indirect Available Phosphate
Lab	ICP	
9	46.48	0.000
Median	46.48	0.000

040.99		Indirect Available Phosphate
Lab	Other	
28	47.30	-1.340
Std Dev	47.18	-1.000

Median	46.83	0.000
Std Dev	46.48	1.000
34	46.36	1.340

040.XX		Indirect Available Phosphate
Lab	Total Method	
28	47.30	-5.165
31	46.56	-1.033
Std Dev	46.55	-1.000
9	46.48	-0.586
24	46.44	-0.391
23	46.43	-0.335
14	46.40	-0.140
14	46.39	-0.112
79	46.38	-0.056
24	46.38	-0.028
Median	46.37	0.000
23	46.37	0.028
34	46.36	0.056
9	46.33	0.223
140	46.23	0.782
Std Dev	46.19	1.000
61	46.17	1.145
43	46.11	1.452
43	46.08	1.619
113	46.08	1.647
61	46.07	1.703

041.10		Direct Available Phosphate
Lab	Gravimetric Quimociac	
119	46.99	-3.697
44	46.54	-1.464
Std Dev	46.45	-1.000
39	46.25	0.000
39	46.25	0.000
Median	46.25	0.000
107	46.18	0.323
Std Dev	46.04	1.000
47	45.00	6.204

041.20		Direct Available Phosphate
Lab	Spectrometric	
220	45.65	0.000
Median	45.65	0.000

041.40 Direct Available Phosphate		
Lab	Automated	
38	46.84	-1.802
Std Dev	46.57	-1.000
49	46.54	-0.893
39	46.24	0.000
39	46.24	0.000
Median	46.24	0.000
103	46.17	0.194
Std Dev	45.90	1.000
14	45.70	1.593
14	45.64	1.787

041.50 Direct Available Phosphate		
Lab	ICP	
66	46.13	-0.717
63	45.62	-0.069
63	45.56	0.000
Median	45.56	0.000
Std Dev	44.77	1.000
47	44.55	1.271
80	42.50	3.850

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
77	46.74	-3.757
29	46.39	-1.108
Std Dev	46.38	-1.000
64	46.25	0.000
Median	46.25	0.000
65	46.22	0.232
Std Dev	46.12	1.000
75	45.97	2.208

041.99 Direct Available Phosphate		
Lab	Other	
28	47.32	0.000
Median	47.32	0.000

041.XX Direct Available Phosphate		
Lab	Total Method	
28	47.32	-1.984
119	46.99	-1.389

38	46.84	-1.118
Std Dev	46.77	-1.000
77	46.74	-0.929
44	46.54	-0.577
49	46.54	-0.568
29	46.39	-0.312
64	46.25	-0.054
39	46.25	-0.045
39	46.25	-0.045
39	46.24	-0.027
39	46.24	-0.027
65	46.22	0.000
Median	46.22	0.000
107	46.18	0.072
103	46.17	0.090
66	46.13	0.162
75	45.97	0.460
14	45.70	0.938
Std Dev	45.67	1.000
220	45.65	1.028
14	45.64	1.055
63	45.62	1.091
63	45.56	1.190
47	45.00	2.209
47	44.55	3.012
80	42.50	6.709

042.99 Ortho Phosphate		
Lab	Other	
65	.	0.000
Median	0.00	0.000

042.XX Ortho Phosphate		
Lab	Total Method	
65	.	0.000
Median	0.00	0.000

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
113	43.87	0.000
Median	43.87	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	

31	44.54	-2.571
61	44.34	-1.604
Std Dev	44.21	-1.000
79	44.09	-0.425
23	44.06	-0.283
23	44.06	-0.283
61	44.04	-0.189
43	44.01	-0.047
43	44.00	0.000
Median	44.00	0.000
24	43.91	0.401
24	43.90	0.472
14	43.81	0.896
Std Dev	43.78	1.000
220	43.74	1.217
14	43.69	1.439
32	43.65	1.628
140	43.53	2.194

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	40.04	0.000
Median	40.04	0.000

048.99 Water Soluble Phosphate		
Lab	Other	
9	44.47	-1.340
Std Dev	44.43	-1.000
Median	44.33	0.000
Std Dev	44.23	1.000
34	44.19	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	
31	44.54	-2.442
9	44.47	-2.129
61	44.34	-1.524
Std Dev	44.22	-1.000
34	44.19	-0.874
79	44.09	-0.403
23	44.06	-0.269
23	44.06	-0.269
61	44.04	-0.179
43	44.01	-0.045

43	44.00	0.000
Median	44.00	0.000
24	43.91	0.381
24	43.90	0.448
113	43.87	0.583
14	43.81	0.852
Std Dev	43.77	1.000
220	43.74	1.156
14	43.69	1.367
32	43.65	1.546
140	43.53	2.084
111	40.04	17.747

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.18	0.000
23	0.18	0.000
Median	0.18	0.000

050.60 Soluble Potash		
Lab	%K ₂ O	Flame Photometric(Oxalate)
241	0.20	0.000
Median	0.20	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
43	0.29	-2.180
43	0.29	-2.160
Std Dev	0.24	-1.000
24	0.19	0.000
61	0.19	0.000
Median	0.19	0.000
102	0.18	0.208
24	0.18	0.312
61	0.18	0.312

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
43	0.29	-8.406
43	0.29	-8.332
241	0.20	-1.149
Std Dev	0.20	-1.000
24	0.19	-0.383
61	0.19	-0.383

Median	0.19	0.000
23	0.18	0.383
23	0.18	0.383
102	0.18	0.383
24	0.18	0.766
61	0.18	0.766

060.00		Free Water
Lab		Vacuum Oven
220	2.31	-8.029
32	1.81	-2.366
140	1.72	-1.283
Std Dev	1.69	-1.000
14	1.65	-0.542
14	1.65	-0.485
28	1.63	-0.257
9	1.62	-0.143
31	1.62	-0.143
79	1.62	-0.143
Median	1.60	0.000
24	1.59	0.143
24	1.55	0.656
23	1.53	0.827
34	1.53	0.827
113	1.52	0.941
Std Dev	1.51	1.000
43	1.50	1.169
23	1.50	1.226
111	1.44	1.910
43	1.42	2.138

060.10		Free Water
Lab		Vacuum Desiccate
61	2.36	-1.340
Std Dev	2.25	-1.000
Median	1.93	0.000
Std Dev	1.62	1.000
241	1.51	1.340

060.XX		Free Water
Lab		Total Method
61	2.36	-7.832
220	2.31	-7.327
32	1.81	-2.160

140	1.72	-1.171
Std Dev	1.70	-1.000
14	1.65	-0.494
14	1.65	-0.442
28	1.63	-0.234
9	1.62	-0.130
31	1.62	-0.130
79	1.62	-0.130
Median	1.60	0.000
24	1.59	0.130
24	1.55	0.598
23	1.53	0.755
34	1.53	0.755
113	1.52	0.859
241	1.51	0.963
Std Dev	1.51	1.000
43	1.50	1.067
23	1.50	1.119
111	1.44	1.743
43	1.42	1.951

101.00		Acid Soluble Calcium
Lab	%CaO	Atomic Absorption
241	0.55	0.000
Median	0.55	0.000

101.30		Acid Soluble Calcium
Lab	%CaO	ICP
40	14.75	-313.409
14	1.24	-16.327
14	1.23	-16.107
Std Dev	0.54	-1.000
23	0.52	-0.495
61	0.51	-0.385
24	0.50	-0.165
23	0.50	-0.055
61	0.50	-0.055
Median	0.49	0.000
24	0.49	0.055
32	0.49	0.055
34	0.48	0.275
31	0.46	0.825
Std Dev	0.45	1.000
102	0.44	1.237

43	0.44	1.261
43	0.43	1.300
9	0.31	4.013

101.XX		Acid Soluble Calcium
Lab	%CaO	Total Method
40	14.75	-318.250
14	1.24	-16.527
14	1.23	-16.303
241	0.55	-1.228
Std Dev	0.54	-1.000
23	0.52	-0.447
61	0.51	-0.335
24	0.50	-0.112
23	0.50	0.000
61	0.50	0.000
Median	0.50	0.000
24	0.49	0.112
32	0.49	0.112
34	0.48	0.335
31	0.46	0.893
Std Dev	0.45	1.000
102	0.44	1.312
43	0.44	1.337
43	0.43	1.376
9	0.31	4.132

121.30		Acid Soluble Magnesium
Lab	%MgO	ICP
31	1.38	-0.668
61	1.36	-0.552
24	1.34	-0.396
61	1.33	-0.280
23	1.32	-0.241
23	1.32	-0.241
24	1.32	-0.202
102	1.29	0.000
Median	1.29	0.000
34	1.26	0.225
43	1.20	0.730
Std Dev	1.16	1.000
43	1.16	1.002
32	1.14	1.157
9	0.77	4.070

14	0.44	6.595
14	0.44	6.595

121.XX		Acid Soluble Magnesium
Lab	%MgO	Total Method
31	1.38	-0.668
61	1.36	-0.552
24	1.34	-0.396
61	1.33	-0.280
23	1.32	-0.241
23	1.32	-0.241
24	1.32	-0.202
102	1.29	0.000
Median	1.29	0.000
34	1.26	0.225
43	1.20	0.730
Std Dev	1.16	1.000
43	1.16	1.002
32	1.14	1.157
9	0.77	4.070
14	0.44	6.595
14	0.44	6.595

144..01		Sulfate Sulfur (S)
Lab		Gravimetric
61	2.31	-0.149
61	2.31	-0.149
Median	2.30	0.000
241	2.30	0.149
Std Dev	2.29	1.000
220	2.23	4.318

144.70		Sulfur
Lab		Spectrometric
14	2.18	-1.340
Std Dev	2.18	-1.000
Median	2.18	0.000
Std Dev	2.18	1.000
14	2.18	1.340

144.99		Sulfate Sulfur (S)
Lab		Other
23	2.23	-0.543
24	2.22	-0.471

23	2.19	-0.036
34	2.19	-0.036
Median	2.19	0.000
24	2.19	0.036
9	2.12	0.978
Std Dev	2.12	1.000
32	2.06	1.847
31	2.03	2.282

144.XX	Sulfate Sulfur (S)	
Lab	Total Method	
61	2.31	-2.935
61	2.31	-2.935
241	2.30	-2.808
220	2.23	-1.021
Std Dev	2.23	-1.000
23	2.23	-0.893
24	2.22	-0.766
23	2.19	0.000
Median	2.19	0.000
34	2.19	0.000
24	2.19	0.128
14	2.18	0.255
14	2.18	0.383
Std Dev	2.15	1.000
9	2.12	1.787
32	2.06	3.318
31	2.03	4.084

145.99	Total Sulfur (S)	
Lab	Other	
111	2.41	-2.251
Std Dev	2.27	-1.000
43	2.26	-0.869
102	2.17	-0.053
Median	2.16	0.000
43	2.16	0.053
63	2.07	0.883
Std Dev	2.05	1.000
63	2.05	1.067

145.XX	Total Sulfur (S)	
Lab	Total Method	
111	2.41	-2.251

Std Dev	2.27	-1.000
43	2.26	-0.869
102	2.17	-0.053
Median	2.16	0.000
43	2.16	0.053
63	2.07	0.883
Std Dev	2.05	1.000
63	2.05	1.067

151.00	Total Arsenic	
Lab	Atomic Absorbtion	
241	0.15	0.000
Median	0.15	0.000

151.30	Total Arsenic	
Lab	ICP	
102	<10	0.000
61	<1	0.000
61	<1	0.000
24	1.34	-1.649
Std Dev	1.25	-1.000
43	1.10	0.000
Median	1.10	0.000
43	0.95	1.031

151.XX	Total Arsenic	
Lab	Total Method	
102	<10	0.000
61	<1	0.000
61	<1	0.000
24	1.34	-1.030
Std Dev	1.33	-1.000
43	1.10	-0.245
Median	1.03	0.000
43	0.95	0.245
241	0.15	2.860

165.99	Acid Soluble Boron	
Lab	PPM	Other
102	91.45	-1.340
Std Dev	90.96	-1.000
Median	89.53	0.000
Std Dev	88.09	1.000
24	87.60	1.340

165.XX, ppm	Acid Soluble Boron	
Lab	PPM	Total Method
102	91.45	-1.340
Std Dev	90.96	-1.000
Median	89.53	0.000
Std Dev	88.09	1.000
24	87.60	1.340

181.00	Total Cadmium	
Lab	Atomic Absorbtion	
220	26.74	-1.340
Std Dev	26.28	-1.000
Median	24.92	0.000
Std Dev	23.56	1.000
241	23.10	1.340

181.30	Total Cadmium	
Lab	PPM	ICP
31	27.00	-1.169
Std Dev	26.71	-1.000
64	25.67	-0.404
43	25.55	-0.335
102	25.09	-0.068
Median	24.97	0.000
43	24.85	0.068
61	23.50	0.844
Std Dev	23.23	1.000
61	22.50	1.419
9	3.35	12.432

181.99	Total Cadmium	
Lab	Other	
24	26.90	0.000
Median	26.90	0.000

181.XX	Total Cadmium	
Lab	PPM	Total Method
31	27.00	-0.884
24	26.90	-0.838
220	26.74	-0.762
64	25.67	-0.270
43	25.55	-0.215
102	25.09	0.000

Median	25.09	0.000
43	24.85	0.108
61	23.50	0.732
241	23.10	0.916
Std Dev	22.92	1.000
61	22.50	1.193
9	3.35	10.032

190.00	Aluminum	
Lab	%Al ₂ O ₃	ICP
24	0.55	-4.690
9	0.53	-3.350
24	0.51	-1.675
61	0.50	-1.005
Std Dev	0.49	-1.000
23	0.49	-0.335
14	0.48	0.000
14	0.48	0.000
23	0.48	0.000
34	0.48	0.000
Median	0.48	0.000
61	0.48	0.335
31	0.47	0.670
43	0.47	0.670
Std Dev	0.47	1.000
102	0.46	1.039
43	0.46	1.340
32	0.45	2.010

190.99	Aluminum	
Lab	%Al ₂ O ₃	Atomic Absorption
241	0.45	0.000
Median	0.45	0.000

190.XX	Aluminum	
Lab	%Al ₂ O ₃	Total Method
24	0.55	-4.970
9	0.53	-3.550
24	0.51	-1.775
61	0.50	-1.065
Std Dev	0.49	-1.000
23	0.49	-0.355
14	0.48	0.000
14	0.48	0.000

23	0.48	0.000
34	0.48	0.000
Median	0.48	0.000
61	0.48	0.355
31	0.47	0.710
43	0.47	0.710
Std Dev	0.47	1.000
102	0.46	1.100
43	0.46	1.420
32	0.45	2.130
241	0.45	2.130

191.00 Total Chromium		
Lab		Atomic Absorbion
241	208.00	0.000
Median	208.00	0.000

191.30 Total Chromium		
Lab		ICP
61	251.50	-1.455
Std Dev	249.00	-1.000
31	245.50	-0.364
64	244.29	-0.143
43	243.50	0.000
Median	243.50	0.000
102	238.05	0.992
Std Dev	238.00	1.000
43	237.00	1.182
61	234.00	1.727

191.99 Total Chromium		
Lab	PPM	Other
24	232.50	0.000
Median	232.50	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
61	251.50	-1.753
Std Dev	245.72	-1.000
31	245.50	-0.971
64	244.29	-0.813
43	243.50	-0.711
102	238.05	0.000
Median	238.05	0.000

43	237.00	0.136
61	234.00	0.527
24	232.50	0.722
Std Dev	230.37	1.000
241	208.00	3.914

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
102	<1	0.000
43	1.50	-5.360
Std Dev	1.09	-1.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

202.99 Acid Soluble Cobalt		
Lab		Other
24	0.49	0.000
Median	0.49	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
102	<1	0.000
43	1.50	0.357
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
24	0.49	0.357

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
220	0.61	-1.340
Std Dev	0.61	-1.000
Median	0.60	0.000
Std Dev	0.60	1.000
241	0.60	1.340

221.30 Acid Soluble Copper		
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
102	<1	0.000

61	1.50	-1.340
Std Dev	1.44	-1.000
Median	1.25	0.000
61	1.00	1.340

221.99 Acid Soluble Copper		
Lab		Other
24	0.88	0.000
Median	0.88	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
102	<1	0.000
61	1.50	-2.161
Std Dev	1.23	-1.000
61	1.00	0.000
Median	1.00	0.000
24	0.88	0.519

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
24	0.65	-2.193
23	0.63	-1.218
Std Dev	0.63	-1.000
23	0.63	-0.975
61	0.63	-0.975
34	0.62	-0.731
43	0.61	-0.244
61	0.61	-0.244
14	0.61	0.000
31	0.61	0.000
Median	0.61	0.000
14	0.60	0.244
32	0.60	0.244
9	0.59	0.731
43	0.59	0.731
Std Dev	0.58	1.000
102	0.57	1.513
24	0.57	1.705

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method

24	0.65	-3.015
23	0.63	-1.675
23	0.63	-1.340
61	0.63	-1.340
34	0.62	-1.005
Std Dev	0.62	-1.000
43	0.61	-0.335
61	0.61	-0.335
220	0.61	-0.101
14	0.61	0.000
31	0.61	0.000
Median	0.61	0.000
14	0.60	0.335
32	0.60	0.335
241	0.60	0.335
Std Dev	0.59	1.000
9	0.59	1.005
43	0.59	1.005
102	0.57	2.080
24	0.57	2.345

251.30 Total Lead		
Lab	PPM	ICP
102	<5	0.000
43	<1	0.000
43	<1	0.000
61	1.00	-1.340
Std Dev	0.94	-1.000
Median	0.75	0.000
61	0.50	1.340

251.99 Total Lead		
Lab		Other
24	0.41	0.000
Median	0.41	0.000

251.XX Total Lead		
Lab	PPM	Total Method
102	<5	0.000
43	<1	0.000
43	<1	0.000
61	1.00	-2.271
Std Dev	0.72	-1.000
61	0.50	0.000

Median	0.50	0.000
24	0.41	0.409

261.00	Acid Soluble Manganese	
Lab	Atomic Absorption	
241	25.40	0.000
Median	25.40	0.000

261.30	Acid Soluble Manganese	
Lab	ICP	
31	33.50	-1.340
Std Dev	33.36	-1.000
Median	32.97	0.000
Std Dev	32.57	1.000
102	32.43	1.340

261.99	Acid Soluble Manganese	
Lab	PPM	Other
43	34.00	-1.218
43	34.00	-1.218
Std Dev	33.55	-1.000
61	31.50	0.000
Median	31.50	0.000
24	31.25	0.122
Std Dev	29.45	1.000
61	28.50	1.462

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
43	34.00	-0.890
43	34.00	-0.890
31	33.50	-0.672
102	32.43	-0.203
Median	31.97	0.000
61	31.50	0.203
24	31.25	0.313
Std Dev	29.68	1.000
61	28.50	1.516
241	25.40	2.873

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
102		

289.99	Total Molybdenum	
Lab	PPM	Other
24	3.89	0.000
Median	3.89	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
24	3.89	-1.382
102	3.82	-1.149
Std Dev	3.78	-1.000
61	3.50	-0.083
Median	3.48	0.000
43	3.45	0.083
43	3.30	0.583
Std Dev	3.17	1.000
61	3.00	1.581

291.00	Total Nickel	
Lab	Atomic Absorbtion	
241	9.10	0.000
Median	9.10	0.000

291.30	Total Nickel	
Lab	ICP	
64	10.61	0.359
43	10.00	0.000
43	10.00	0.000
61	10.00	0.000
61	10.00	0.000

Median	10.00	0.000
102	9.47	0.359

291.99	Total Nickel	
Lab	PPM	Other
24	12.95	0.000
Median	12.95	0.000

291.XX	Total Nickel	
Lab	PPM	Total Method
24	12.95	-13.931
64	10.61	-2.857
Std Dev	10.21	-1.000
43	10.00	0.000
43	10.00	0.000
61	10.00	0.000
61	10.00	0.000
Median	10.00	0.000
Std Dev	9.79	1.000
102	9.47	2.503
241	9.10	4.250

301.00	Total Selenium	
Lab	PPM	Atomic Absorbtion
241	0.33	0.000
Median	0.33	0.000

301.30	Total Selenium	
Lab	PPM	ICP
102	<10	0.000
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
Median	0.00	0.000

301.XX	Total Selenium	
Lab	PPM	Total Mthod
102	<10	0.000
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
241	0.33	0.000
Median	0.33	0.000

311.00	Sodium	
Lab	%Na ₂ O	Atomic Absorbtion
241	0.71	-1.340
Std Dev	0.66	-1.000
Median	0.51	0.000
Std Dev	0.36	1.000
61	0.31	1.340

311.99	Sodium	
Lab	%Na ₂ O	Other
24	0.36	-1.985
Std Dev	0.33	-1.000
24	0.32	-0.522
23	0.32	-0.313
23	0.32	-0.313
Median	0.31	0.000
61	0.30	0.313
102	0.29	0.863
Std Dev	0.28	1.000
43	0.28	1.309
43	0.27	1.391

311.XX	Sodium	
Lab	%Na ₂ O	Total Method
241	0.71	-18.616
24	0.36	-1.990
Std Dev	0.33	-1.000
24	0.32	-0.351
23	0.32	-0.117
23	0.32	-0.117
Median	0.31	0.000
61	0.31	0.117
61	0.30	0.585
Std Dev	0.29	1.000
102	0.29	1.201
43	0.28	1.702
43	0.27	1.793

321.00	Acid Soluble Zinc	
Lab	Atomic Absorption	
241	285.40	0.000
Median	285.40	0.000

321.30		
Lab	PPM	Acid Soluble Zinc ICP
64	326.73	-1.176
Std Dev	323.40	-1.000
24	322.00	-0.926
102	312.45	-0.421
Median	304.47	0.000
61	296.50	0.421
61	293.50	0.580
Std Dev	285.55	1.000
9	49.50	13.472

321.99		
Lab		Acid Soluble Zinc Other
43	310.00	-1.340
Std Dev	309.43	-1.000
Median	307.75	0.000
Std Dev	306.07	1.000
43	305.50	1.340

321.XX		
Lab	PPM	Acid Soluble Zinc Total Method
64	326.73	-1.501
24	322.00	-1.167
Std Dev	319.64	-1.000
102	312.45	-0.491
43	310.00	-0.318
43	305.50	0.000
Median	305.50	0.000
61	296.50	0.637
61	293.50	0.849
Std Dev	291.36	1.000
241	285.40	1.422
9	49.50	18.107

325.10		
Lab	%	Fluoride Electrode
111	2.39	-26.191
220	1.34	-0.694
31	1.33	-0.487
34	1.32	-0.244
23	1.32	-0.122
23	1.31	0.000
32	1.31	0.000

Median	1.31	0.000
24	1.28	0.731
24	1.26	1.218
14	1.18	3.289
102	1.08	5.604

325.99		
Lab	%	Fluoride Other
61	1.27	-0.282
61	1.26	0.000
Median	1.26	0.000
14	1.17	2.398

325.XX		
Lab	%	Fluoride Total Method
111	2.39	-23.370
220	1.34	-0.933
31	1.33	-0.750
34	1.32	-0.536
23	1.32	-0.429
23	1.31	-0.322
32	1.31	-0.322
Median	1.30	0.000
24	1.28	0.322
61	1.27	0.643
24	1.26	0.750
61	1.26	0.858
14	1.18	2.573
14	1.17	2.680
102	1.08	4.610