

001.99 Ammoniacal Nitrogen		
Lab		Other
31	18.03	-4.750
61	17.64	-1.394
<b>Std Dev</b>	<b>17.59</b>	<b>-1.000</b>
34	17.57	-0.784
61	17.52	-0.305
<b>Median</b>	<b>17.48</b>	<b>0.000</b>
24	17.45	0.305
24	17.45	0.305
24	17.40	0.697
24	17.40	0.697

001.XX Ammoniacal Nitrogen		
Lab		Total Method
31	18.03	-4.750
61	17.64	-1.394
<b>Std Dev</b>	<b>17.59</b>	<b>-1.000</b>
34	17.57	-0.784
61	17.52	-0.305
<b>Median</b>	<b>17.48</b>	<b>0.000</b>
24	17.45	0.305
24	17.45	0.305
24	17.40	0.697
24	17.40	0.697

010.60 Total Nitrogen		
Lab		Combustion
24	17.96	-0.394
24	17.96	-0.394
24	17.95	-0.236
24	17.95	-0.236
14	17.93	0.000
<b>Median</b>	<b>17.93</b>	<b>0.000</b>
14	17.93	0.079
<b>Std Dev</b>	<b>17.87</b>	<b>1.000</b>
9	17.86	1.104
31	17.75	2.838
79	17.63	4.808

010.99 Total Nitrogen		
Lab		Other
34	17.83	-2.680
<b>Std Dev</b>	<b>17.55</b>	<b>-1.000</b>

23	17.39	0.000
23	17.39	0.000
<b>Median</b>	<b>17.39</b>	<b>0.000</b>

010.XX Total Nitrogen		
Lab		Total Method
24	17.96	-0.370
24	17.96	-0.370
24	17.95	-0.311
24	17.95	-0.311
14	17.93	-0.222
14	17.93	-0.192
<b>Median</b>	<b>17.89</b>	<b>0.000</b>
9	17.86	0.192
34	17.83	0.370
31	17.75	0.844
<b>Std Dev</b>	<b>17.72</b>	<b>1.000</b>
79	17.63	1.584
23	17.39	2.976
23	17.39	2.976

020.20 Total Phosphate		
Lab		Spectrometric
31	46.95	-2.197
61	46.91	-1.898
14	46.81	-1.265
14	46.78	-1.032
<b>Std Dev</b>	<b>46.77</b>	<b>-1.000</b>
34	46.76	-0.932
9	46.70	-0.533
24	46.62	0.000
24	46.62	0.000
<b>Median</b>	<b>46.62</b>	<b>0.000</b>
23	46.58	0.300
24	46.57	0.333
24	46.57	0.333
61	46.53	0.633
23	46.52	0.666
<b>Std Dev</b>	<b>46.47</b>	<b>1.000</b>
79	46.28	2.264

020.XX Total Phosphate		
Lab		Total Method
31	46.95	-2.197

61	46.91	-1.898
14	46.81	-1.265
14	46.78	-1.032
<b>Std Dev</b>	<b>46.77</b>	<b>-1.000</b>
34	46.76	-0.932
9	46.70	-0.533
24	46.62	0.000
24	46.62	0.000
<b>Median</b>	<b>46.62</b>	<b>0.000</b>
23	46.58	0.300
24	46.57	0.333
24	46.57	0.333
61	46.53	0.633
23	46.52	0.666
<b>Std Dev</b>	<b>46.47</b>	<b>1.000</b>
79	46.28	2.264

030.20 Insoluble Phosphate		
Lab		Spectrometric
14	0.97	-1.668
14	0.91	-1.340
<b>Std Dev</b>	<b>0.85</b>	<b>-1.000</b>
79	0.83	-0.875
9	0.80	-0.738
23	0.73	-0.356
23	0.68	-0.055
31	0.67	0.000
<b>Median</b>	<b>0.67</b>	<b>0.000</b>
61	0.65	0.082
61	0.61	0.301
24	0.56	0.602
24	0.56	0.602
24	0.54	0.711
24	0.54	0.711

030.40 Insoluble Phosphate		
Lab		Automated
34	0.86	0.000
<b>Median</b>	<b>0.86</b>	<b>0.000</b>

030.XX Insoluble Phosphate		
Lab		Total Method
14	0.97	-1.608
14	0.91	-1.286

34	0.86	-1.018
<b>Std Dev</b>	<b>0.86</b>	<b>-1.000</b>
79	0.83	-0.831
9	0.80	-0.697
23	0.73	-0.322
23	0.68	-0.027
<b>Median</b>	<b>0.67</b>	<b>0.000</b>
31	0.67	0.027
61	0.65	0.107
61	0.61	0.322
24	0.56	0.616
24	0.56	0.616
24	0.54	0.724
24	0.54	0.724

040.20 Indirect Available Phosphate		
Lab		Spectrometric
61	46.30	-2.580
31	46.26	-2.345
24	46.07	-1.039
24	46.07	-1.039
<b>Std Dev</b>	<b>46.06</b>	<b>-1.000</b>
24	46.04	-0.838
24	46.04	-0.838
9	45.91	0.000
<b>Median</b>	<b>45.91</b>	<b>0.000</b>
23	45.90	0.067
61	45.88	0.234
14	45.87	0.301
14	45.84	0.469
23	45.79	0.804
<b>Std Dev</b>	<b>45.76</b>	<b>1.000</b>
79	45.46	3.049

040.99 Indirect Available Phosphate		
Lab		Other
34	45.90	0.000
<b>Median</b>	<b>45.90</b>	<b>0.000</b>

040.XX Indirect Available Phosphate		
Lab		Total Method
61	46.30	-2.751
31	46.26	-2.504
24	46.07	-1.128

24	46.07	-1.128
Std Dev	46.05	-1.000
24	46.04	-0.917
24	46.04	-0.917
9	45.91	-0.035
Median	45.91	0.000
23	45.90	0.035
34	45.90	0.035
61	45.88	0.212
14	45.87	0.282
14	45.84	0.458
23	45.79	0.811
Std Dev	45.76	1.000
79	45.46	3.174

041.40 Direct Available Phosphate		
Lab	Automated	
14	45.04	-1.340
Std Dev	45.03	-1.000
Median	44.99	0.000
Std Dev	44.95	1.000
14	44.94	1.340

041.XX Direct Available Phosphate		
Lab	Total Method	
14	45.04	-1.340
Std Dev	45.03	-1.000
Median	44.99	0.000
Std Dev	44.95	1.000
14	44.94	1.340

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
31	41.53	-2.010
9	41.43	-1.586
Std Dev	41.30	-1.000
24	41.24	-0.737
24	41.24	-0.737
24	41.10	-0.089
24	41.10	-0.089
79	41.08	0.000
Median	41.08	0.000
61	41.05	0.134
23	41.04	0.156

23	40.94	0.603
61	40.88	0.893
14	40.87	0.916
14	40.86	0.983

048.99 Water Soluble Phosphate		
Lab	Other	
34	41.19	0.000
Median	41.19	0.000

048.XX Water Soluble Phosphate		
Lab	Total Method	
31	41.53	-2.246
9	41.43	-1.761
Std Dev	41.28	-1.000
24	41.24	-0.791
24	41.24	-0.791
34	41.19	-0.536
24	41.10	-0.051
24	41.10	-0.051
Median	41.09	0.000
79	41.08	0.051
61	41.05	0.204
23	41.04	0.230
23	40.94	0.740
Std Dev	40.89	1.000
61	40.88	1.072
14	40.87	1.098
14	40.86	1.174

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.10	0.000
23	0.10	0.000
Median	0.10	0.000

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
61	0.12	-1.787
61	0.12	-1.787
Std Dev	0.11	-1.000
24	0.11	0.000
24	0.11	0.000
24	0.11	0.000

24	0.11	0.000
Median	0.11	0.000

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
61	0.12	-4.020
61	0.12	-4.020
Std Dev	0.11	-1.000
24	0.11	0.000
24	0.11	0.000
24	0.11	0.000
24	0.11	0.000
Median	0.11	0.000
Std Dev	0.10	1.000
23	0.10	1.340
23	0.10	1.340

060.00 Free Water		
Lab	Vacuum Oven	
14	1.74	-0.946
14	1.73	-0.631
24	1.72	-0.315
24	1.72	-0.315
31	1.72	-0.315
34	1.71	-0.158
Median	1.71	0.000
23	1.70	0.158
24	1.68	0.788
24	1.68	0.788
Std Dev	1.67	1.000
23	1.65	1.734
9	1.62	2.680
79	0.82	28.061

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.67	-1.340
Std Dev	2.58	-1.000
Median	2.34	0.000
Std Dev	2.10	1.000
61	2.02	1.340

060.XX Free Water		
Lab	Total Method	

61	2.67	-30.032
61	2.02	-9.695
Std Dev	1.74	-1.000
14	1.74	-0.709
14	1.73	-0.394
24	1.72	-0.079
24	1.72	-0.079
31	1.72	-0.079
Median	1.71	0.000
34	1.71	0.079
23	1.70	0.394
Std Dev	1.68	1.000
24	1.68	1.025
24	1.68	1.025
23	1.65	1.971
9	1.62	2.916
79	0.82	28.298

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
14	1.40	-20.100
14	1.40	-20.100
61	0.35	-1.251
61	0.35	-1.251
Std Dev	0.33	-1.000
23	0.30	-0.357
23	0.30	-0.357
24	0.28	0.000
24	0.28	0.000
Median	0.28	0.000
9	0.27	0.089
31	0.27	0.089
34	0.27	0.089
24	0.27	0.179
24	0.27	0.179

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
14	1.40	-20.100
14	1.40	-20.100
61	0.35	-1.251
61	0.35	-1.251
Std Dev	0.33	-1.000
23	0.30	-0.357

23	0.30	-0.357
24	0.28	0.000
24	0.28	0.000
Median	0.28	0.000
9	0.27	0.089
31	0.27	0.089
34	0.27	0.089
24	0.27	0.179
24	0.27	0.179

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	1.45	-0.670
24	1.45	-0.670
24	1.44	-0.402
24	1.44	-0.402
9	1.43	-0.268
23	1.43	-0.268
23	1.42	0.000
61	1.42	0.000
Median	1.42	0.000
61	1.41	0.268
31	1.39	0.938
Std Dev	1.38	1.000
34	1.38	1.072
14	0.27	30.820
14	0.27	30.954

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
24	1.45	-0.670
24	1.45	-0.670
24	1.44	-0.402
24	1.44	-0.402
9	1.43	-0.268
23	1.43	-0.268
23	1.42	0.000
61	1.42	0.000
Median	1.42	0.000
61	1.41	0.268
31	1.39	0.938
Std Dev	1.38	1.000
34	1.38	1.072
14	0.27	30.820

14	0.27	30.954
144.01 Sulfate Sulfur (S)		
Lab Gravimetric		
61	1.25	-1.340
Std Dev	1.24	-1.000
Median	1.24	0.000
Std Dev	1.23	1.000
61	1.23	1.340

144.70 Sulfur		
Lab	Spectrometric	
14	1.24	-1.340
Std Dev	1.23	-1.000
Median	1.23	0.000
Std Dev	1.23	1.000
14	1.23	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
34	1.27	-1.340
Std Dev	1.27	-1.000
24	1.27	-0.893
24	1.27	-0.893
9	1.26	-0.447
24	1.26	0.000
24	1.26	0.000
Median	1.26	0.000
23	1.25	0.447
Std Dev	1.24	1.000
23	1.23	2.233
31	1.21	4.020

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
34	1.27	-0.893
24	1.27	-0.670
24	1.27	-0.670
9	1.26	-0.447
24	1.26	-0.223
24	1.26	-0.223
23	1.25	0.000
Median	1.25	0.000
61	1.25	0.223

14	1.24	0.670
14	1.23	0.893
23	1.23	0.893
61	1.23	0.893
Std Dev	1.23	1.000
31	1.21	1.787

151.30 Total Arsenic		
Lab	ICP	
9	11.50	-2.680
Std Dev	6.80	-1.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000

151.XX Total Arsenic		
Lab	Total Method	
9	11.50	-2.680
Std Dev	6.80	-1.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
9	5.00	0.000
Median	5.00	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
9	5.00	0.000
Median	5.00	0.000

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
9	1.61	-1.206
Std Dev	1.60	-1.000
14	1.60	-0.938
14	1.60	-0.938
61	1.58	-0.402
23	1.57	-0.134
34	1.57	-0.134
61	1.57	0.000
Median	1.57	0.000

23	1.54	0.804
31	1.54	0.804
24	1.53	0.938
24	1.53	0.938
Std Dev	1.53	1.000
24	1.51	1.474
24	1.51	1.474

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
9	1.61	-1.206
Std Dev	1.60	-1.000
14	1.60	-0.938
14	1.60	-0.938
61	1.58	-0.402
23	1.57	-0.134
34	1.57	-0.134
61	1.57	0.000
Median	1.57	0.000
23	1.54	0.804
31	1.54	0.804
24	1.53	0.938
24	1.53	0.938
Std Dev	1.53	1.000
24	1.51	1.474
24	1.51	1.474

191.30 Total Chromium		
Lab	ICP	
9	114.50	-4.824
Std Dev	110.93	-1.000
31	110.00	0.000
61	110.00	0.000
Median	110.00	0.000
61	109.50	0.536

191.XX Total Chromium		
Lab	PPM	Total Method
9	114.50	-4.824
Std Dev	110.93	-1.000
31	110.00	0.000
61	110.00	0.000
Median	110.00	0.000
61	109.50	0.536

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
9	4.25	-2.680
Std Dev	3.47	-1.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
9	4.25	-2.680
Std Dev	3.47	-1.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000

221.30 Acid Soluble Copper		
Lab	PPM	ICP
9	3.30	-2.680
Std Dev	2.49	-1.000
61	2.00	0.000
61	2.00	0.000
Median	2.00	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
9	3.30	-2.680
Std Dev	2.49	-1.000
61	2.00	0.000
61	2.00	0.000
Median	2.00	0.000

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
24	1.74	-1.531
24	1.74	-1.531
34	1.74	-1.531
Std Dev	1.73	-1.000
24	1.73	-0.957
24	1.73	-0.957
9	1.70	0.000
14	1.70	0.000
Median	1.70	0.000

14	1.69	0.383
23	1.69	0.383
23	1.69	0.383
Std Dev	1.67	1.000
31	1.66	1.723
61	1.64	2.489
61	1.63	2.680

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
24	1.74	-1.531
24	1.74	-1.531
34	1.74	-1.531
Std Dev	1.73	-1.000
24	1.73	-0.957
24	1.73	-0.957
9	1.70	0.000
14	1.70	0.000
Median	1.70	0.000
14	1.69	0.383
23	1.69	0.383
23	1.69	0.383
Std Dev	1.67	1.000
31	1.66	1.723
61	1.64	2.489
61	1.63	2.680

251.30 Total Lead		
Lab	PPM	ICP
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

251.XX Total Lead		
Lab	PPM	Total Method
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

261.30 Acid Soluble Manganese		
Lab	PPM	ICP
31	294.50	0.000
Median	294.50	0.000

261.99 Acid Soluble Manganese		
Lab	PPM	Other
9	309.00	-2.620
Std Dev	295.40	-1.000
61	287.00	0.000
Median	287.00	0.000
61	286.50	0.060

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
9	309.00	-2.174
Std Dev	299.15	-1.000
31	294.50	-0.447
Median	290.75	0.000
61	287.00	0.447
61	286.50	0.506

289.30 Total Molybdenum		
Lab	PPM	ICP
61		

289.99 Total Molybdenum		
Lab	PPM	Other
9	10.55	0.000
Median	10.55	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
9	10.55	-2.680
Std Dev	10.21	-1.000
61	10.00	0.000
61	10.00	0.000
Median	10.00	0.000

291.30 Total Nickel		
Lab	PPM	ICP
9	16.40	-2.122
Std Dev	15.40	-1.000
61	14.50	0.000
Median	14.50	0.000
61	14.00	0.558

291.XX Total Nickel		
Lab	PPM	Total Method
9	16.40	-2.122

Std Dev	15.40	-1.000
61	14.50	0.000
Median	14.50	0.000
61	14.00	0.558

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.21	0.000
Median	0.21	0.000

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
23	0.21	-2.680
Std Dev	0.20	-1.000
23	0.20	0.000
24	0.20	0.000
24	0.20	0.000
61	0.20	0.000
Median	0.20	0.000
Std Dev	0.19	1.000
24	0.19	2.680
24	0.19	2.680

311.XX Sodium		
Lab	%Na <sub>2</sub> O	Total Method
23	0.21	-2.680
61	0.21	-2.680
Std Dev	0.20	-1.000
23	0.20	0.000
24	0.20	0.000
24	0.20	0.000
61	0.20	0.000
Median	0.20	0.000
Std Dev	0.19	1.000
24	0.19	2.680
24	0.19	2.680

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
9	54.00	-2.504
Std Dev	32.68	-1.000
61	18.50	0.000
Median	18.50	0.000
61	16.00	0.176

14 1.65 5.583  
 31 1.62 5.956

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
9	54.00	-2.504
Std Dev	32.68	-1.000
61	18.50	0.000
Median	18.50	0.000
61	16.00	0.176

325.10		Fluoride
Lab	%	Electrode
23	2.04	-0.134
23	2.04	-0.101
24	2.03	-0.067
24	2.03	-0.067
24	2.02	0.000
24	2.02	0.000
Median	2.02	0.000
9	2.01	0.101
34	2.00	0.134
14	1.66	2.412
14	1.65	2.513
31	1.62	2.680

325.99		Fluoride
Lab	%	Other
61	2.09	-1.340
Median	2.01	0.000
61	1.94	1.340

325.XX		Fluoride
Lab	%	Total Method
61	2.09	-0.968
23	2.04	-0.298
23	2.04	-0.223
24	2.03	-0.149
24	2.03	-0.149
24	2.02	0.000
24	2.02	0.000
Median	2.02	0.000
9	2.01	0.223
34	2.00	0.298
61	1.94	1.191
14	1.66	5.360