

001.99 Ammoniacal Nitrogen		
Lab		Other
24	17.51	-0.999
32	17.48	-0.545
<b>Median</b>	<b>17.45</b>	<b>0.000</b>
31	17.42	0.545
<b>Std Dev</b>	<b>17.39</b>	<b>1.000</b>
24	17.39	1.090

001.XX Ammoniacal Nitrogen		
Lab		Total Method
24	17.51	-0.999
32	17.48	-0.545
<b>Median</b>	<b>17.45</b>	<b>0.000</b>
31	17.42	0.545
<b>Std Dev</b>	<b>17.39</b>	<b>1.000</b>
24	17.39	1.090

010.11 Total Nitrogen		
Lab		Modified Comprehensive
61	18.58	-1.340
<b>Std Dev</b>	<b>18.55</b>	<b>-1.000</b>
<b>Median</b>	<b>18.47</b>	<b>0.000</b>
<b>Std Dev</b>	<b>18.39</b>	<b>1.000</b>
61	18.37	1.340

010.60 Total Nitrogen		
Lab		Combustion
31	18.30	-1.092
<b>Std Dev</b>	<b>18.29</b>	<b>-1.000</b>
14	18.21	-0.337
14	18.20	-0.298
<b>Median</b>	<b>18.16</b>	<b>0.000</b>
9	18.13	0.298
<b>Std Dev</b>	<b>18.04</b>	<b>1.000</b>
24	18.01	1.251
24	17.98	1.449

010.99 Total Nitrogen		
Lab		Other
23	18.12	-0.596
23	18.10	0.000
<b>Median</b>	<b>18.10</b>	<b>0.000</b>
<b>Std Dev</b>	<b>18.07</b>	<b>1.000</b>

32 18.03 2.084

010.XX Total Nitrogen		
Lab		Total Method
61	18.58	-3.216
61	18.37	-1.715
31	18.30	-1.251
<b>Std Dev</b>	<b>18.26</b>	<b>-1.000</b>
14	18.21	-0.572
14	18.20	-0.536
9	18.13	0.000
<b>Median</b>	<b>18.13</b>	<b>0.000</b>
23	18.12	0.036
23	18.10	0.179
32	18.03	0.679
24	18.01	0.858
<b>Std Dev</b>	<b>17.99</b>	<b>1.000</b>
24	17.98	1.036

020.20 Total Phosphate		
Lab		Spectrometric
9	46.67	-0.733
31	46.66	-0.708
24	46.63	-0.556
61	46.58	-0.303
14	46.54	-0.076
14	46.52	0.000
24	46.52	0.000
<b>Median</b>	<b>46.52</b>	<b>0.000</b>
23	46.35	0.860
61	46.33	0.961
<b>Std Dev</b>	<b>46.32</b>	<b>1.000</b>
23	46.28	1.239
32	46.26	1.315

020.50 Total Phosphate		
Lab		ICP
9	46.42	0.000
<b>Median</b>	<b>46.42</b>	<b>0.000</b>

020.XX Total Phosphate		
Lab		Total Method
9	46.67	-0.785
31	46.66	-0.758

24	46.63	-0.596
61	46.58	-0.325
14	46.54	-0.081
14	46.52	0.000
24	46.52	0.000
<b>Median</b>	<b>46.52</b>	<b>0.000</b>
9	46.42	0.568
23	46.35	0.920
<b>Std Dev</b>	<b>46.34</b>	<b>1.000</b>
61	46.33	1.029
23	46.28	1.326
32	46.26	1.408

030.20 Insoluble Phosphate		
Lab		Spectrometric
14	0.83	-2.911
14	0.81	-2.788
61	0.56	-1.248
<b>Std Dev</b>	<b>0.52</b>	<b>-1.000</b>
32	0.42	-0.354
61	0.37	-0.077
<b>Median</b>	<b>0.36</b>	<b>0.000</b>
23	0.35	0.077
23	0.34	0.108
31	0.30	0.385
24	0.29	0.447
24	0.27	0.570

030.50 Insoluble Phosphate		
Lab		ICP
9	0.47	0.000
<b>Median</b>	<b>0.47</b>	<b>0.000</b>

030.XX Insoluble Phosphate		
Lab		Total Method
14	0.83	-3.161
14	0.81	-3.024
61	0.56	-1.306
<b>Std Dev</b>	<b>0.52</b>	<b>-1.000</b>
9	0.47	-0.653
32	0.42	-0.309
61	0.37	0.000
<b>Median</b>	<b>0.37</b>	<b>0.000</b>
23	0.35	0.172

23	0.34	0.206
31	0.30	0.515
24	0.29	0.584
24	0.27	0.722

040.20 Indirect Available Phosphate		
Lab		Spectrometric
31	46.37	-0.995
24	46.35	-0.939
24	46.26	-0.691
61	46.21	-0.566
23	46.01	0.000
<b>Median</b>	<b>46.01</b>	<b>0.000</b>
23	45.94	0.193
61	45.77	0.649
14	45.71	0.815
14	45.71	0.829

040.50 Indirect Available Phosphate		
Lab		ICP
9	46.10	0.000
<b>Median</b>	<b>46.10</b>	<b>0.000</b>

040.XX Indirect Available Phosphate		
Lab		Total Method
31	46.37	-0.968
24	46.35	-0.906
24	46.26	-0.627
61	46.21	-0.488
9	46.10	-0.147
<b>Median</b>	<b>46.05</b>	<b>0.000</b>
23	46.01	0.147
23	45.94	0.364
61	45.77	0.875
<b>Std Dev</b>	<b>45.73</b>	<b>1.000</b>
14	45.71	1.061
14	45.71	1.077

041.99 Direct Available Phosphate		
Lab		Other
14	45.60	-1.340
<b>Std Dev</b>	<b>45.60</b>	<b>-1.000</b>
<b>Median</b>	<b>45.59</b>	<b>0.000</b>
<b>Std Dev</b>	<b>45.59</b>	<b>1.000</b>

14 45.59 1.340

041.XX Direct Available Phosphate		
Lab	Total Method	
14	45.60	-1.340
Std Dev	45.60	-1.000
Median	45.59	0.000
Std Dev	45.59	1.000
14	45.59	1.340

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
31	41.65	-1.663
24	41.49	-1.129
24	41.47	-1.043
Std Dev	41.45	-1.000
23	41.26	-0.336
23	41.18	-0.060
Median	41.16	0.000
14	41.15	0.060
14	41.13	0.112
61	40.99	0.595
61	40.96	0.715
32	40.95	0.732

048.99 Water Soluble Phosphate		
Lab	Other	
9	41.52	0.000
Median	41.52	0.000

048.XX Water Soluble Phosphate		
Lab	Total Method	
31	41.65	-1.492
9	41.52	-1.091
Std Dev	41.49	-1.000
24	41.49	-0.995
24	41.47	-0.915
23	41.26	-0.257
23	41.18	0.000
Median	41.18	0.000
14	41.15	0.112
14	41.13	0.160
61	40.99	0.610
61	40.96	0.722

32 40.95 0.738

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.11	0.000
23	0.11	0.000
Median	0.11	0.000

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
24	0.12	-1.787
Std Dev	0.11	-1.000
61	0.11	0.000
61	0.11	0.000
Median	0.11	0.000
Std Dev	0.11	1.000
24	0.10	3.573

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
24	0.12	0.005
23	0.11	0.000
23	0.11	0.000
61	0.11	0.000
61	0.11	0.000
Median	0.11	0.000
24	0.10	0.005

060.00 Free Water		
Lab	Vacuum Oven	
31	2.31	-2.680
Std Dev	2.11	-1.000
24	2.09	-0.778
23	2.05	-0.432
24	2.02	-0.173
23	2.00	0.000
Median	2.00	0.000
32	1.99	0.043
9	1.89	0.908
Std Dev	1.88	1.000
14	1.77	1.988
14	1.76	2.032

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.27	-1.340
Std Dev	2.22	-1.000
Median	2.07	0.000
Std Dev	1.93	1.000
61	1.88	1.340

060.XX Free Water		
Lab	Total Method	
31	2.31	-2.308
61	2.27	-2.010
Std Dev	2.13	-1.000
24	2.09	-0.670
23	2.05	-0.372
24	2.02	-0.149
23	2.00	0.000
Median	2.00	0.000
32	1.99	0.037
9	1.89	0.782
61	1.88	0.856
Std Dev	1.86	1.000
14	1.77	1.712
14	1.76	1.749

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
24	0.23	-1.149
Std Dev	0.22	-1.000
61	0.22	-0.766
23	0.21	0.000
24	0.21	0.000
31	0.21	0.000
61	0.21	0.000
Median	0.21	0.000
23	0.20	0.766
Std Dev	0.20	1.000
9	0.20	1.149
14	0.19	1.531
14	0.19	1.531
32	0.19	1.914

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
14	1.11	0.128
14	1.10	0.383
31	1.10	0.383
61	1.08	0.893
Std Dev	1.07	1.000
32	1.05	1.531

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	1.16	-1.276
24	1.16	-1.149
23	1.16	-1.149
Std Dev	1.15	-1.000
23	1.14	-0.766
9	1.12	-0.255
61	1.11	0.000
Median	1.11	0.000
14	1.11	0.128
14	1.10	0.383
31	1.10	0.383
61	1.08	0.893
Std Dev	1.07	1.000
32	1.05	1.531

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	1.16	-1.276
24	1.16	-1.149
23	1.16	-1.149
Std Dev	1.15	-1.000
23	1.14	-0.766
9	1.12	-0.255
61	1.11	0.000
Median	1.11	0.000
14	1.11	0.128
14	1.10	0.383
31	1.10	0.383
61	1.08	0.893
Std Dev	1.07	1.000
32	1.05	1.531

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
24	1.16	-1.276
24	1.16	-1.149
23	1.16	-1.149
Std Dev	1.15	-1.000
23	1.14	-0.766
9	1.12	-0.255
61	1.11	0.000
Median	1.11	0.000
14	1.11	0.128
14	1.10	0.383

31	1.10	0.383
61	1.08	0.893
Std Dev	1.07	1.000
32	1.05	1.531

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
61	1.65	-1.340
Std Dev	1.63	-1.000
Median	1.59	0.000
Std Dev	1.55	1.000
61	1.54	1.340

144.70 Sulfur		
Lab	Spectrometric	
14	1.63	0.000
14	1.63	0.000
Median	1.63	0.000

144.99 Sulfate Sulfur (S)		
Lab	Other	
23	1.67	-0.816
23	1.65	-0.350
24	1.65	-0.350
24	1.63	0.000
Median	1.63	0.000
9	1.62	0.233
Std Dev	1.59	1.000
31	1.56	1.748
32	1.52	2.486

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
23	1.67	-0.816
23	1.65	-0.350
24	1.65	-0.350
61	1.65	-0.350
14	1.63	0.000
14	1.63	0.000
24	1.63	0.000
Median	1.63	0.000
9	1.62	0.233
Std Dev	1.59	1.000
31	1.56	1.748

61	1.54	2.214
32	1.52	2.486

151.30 Total Arsenic		
Lab	ICP	
24	11.60	-1.340
Std Dev	10.64	-1.000
Median	7.80	0.000
Std Dev	4.96	1.000
61	4.00	1.340

151.XX Total Arsenic		
Lab	Total Method	
24	11.60	-1.340
Std Dev	10.64	-1.000
Median	7.80	0.000
Std Dev	4.96	1.000
61	4.00	1.340

165.99 Acid Soluble Boron		
Lab	PPM	Other
24	33.10	0.000
Median	33.10	0.000

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
24	33.10	0.000
Median	33.10	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
61	4.00	-0.298
61	4.00	-0.298
Median	3.98	0.000
9	3.95	0.298
Std Dev	3.89	1.000
31	3.70	3.276

181.99 Total Cadmium		
Lab	Other	
24	3.47	0.000
Median	3.47	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
61	4.00	-0.223
61	4.00	-0.223
9	3.95	0.000
Median	3.95	0.000
Std Dev	3.73	1.000
31	3.70	1.117
24	3.47	2.144

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
9	1.76	-1.981
14	1.75	-1.748
14	1.75	-1.631
Std Dev	1.72	-1.000
31	1.69	-0.233
23	1.68	-0.117
61	1.68	0.000
Median	1.68	0.000
24	1.67	0.117
23	1.67	0.233
24	1.65	0.583
32	1.65	0.583
Std Dev	1.63	1.000
61	1.61	1.631

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
9	1.76	-1.981
14	1.75	-1.748
14	1.75	-1.631
Std Dev	1.72	-1.000
31	1.69	-0.233
23	1.68	-0.117
61	1.68	0.000
Median	1.68	0.000
24	1.67	0.117
23	1.67	0.233
24	1.65	0.583
32	1.65	0.583
Std Dev	1.63	1.000
61	1.61	1.631

191.30 Total Chromium		
Lab	ICP	
9	90.00	-1.401
Std Dev	89.18	-1.000
31	88.30	-0.566
Median	87.15	0.000
61	86.00	0.566
61	86.00	0.566

191.99 Total Chromium		
Lab	PPM	Other
24	82.70	0.000
Median	82.70	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
9	90.00	-2.330
31	88.30	-1.340
Std Dev	87.72	-1.000
61	86.00	0.000
61	86.00	0.000
Median	86.00	0.000
Std Dev	84.28	1.000
24	82.70	1.923

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
9	4.15	-2.680
Std Dev	3.43	-1.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000

202.99 Acid Soluble Cobalt		
Lab	Other	
24	2.81	0.000
Median	2.81	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
9	4.15	-4.583
Std Dev	3.25	-1.000
61	3.00	0.000
61	3.00	0.000

Median	3.00	0.000
24	2.81	0.777

221.30 Acid Soluble Copper		
Lab	PPM	ICP
61	4.50	-2.680
Std Dev	4.19	-1.000
9	4.00	0.000
61	4.00	0.000
Median	4.00	0.000

221.99 Acid Soluble Copper		
Lab		Other
24	3.84	0.000
Median	3.84	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
61	4.50	-4.061
Std Dev	4.12	-1.000
9	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
Std Dev	3.88	1.000
24	3.84	1.299

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
24	1.41	-1.072
Std Dev	1.41	-1.000
24	1.41	-0.893
23	1.40	-0.715
32	1.40	-0.715
23	1.39	-0.179
31	1.38	0.000
Median	1.38	0.000
14	1.37	0.536
61	1.37	0.536
14	1.36	0.715
Std Dev	1.35	1.000
61	1.34	1.608
9	1.33	1.787

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
24	1.41	-1.072
Std Dev	1.41	-1.000
24	1.41	-0.893
23	1.40	-0.715
32	1.40	-0.715
23	1.39	-0.179
31	1.38	0.000
Median	1.38	0.000
14	1.37	0.536
61	1.37	0.536
14	1.36	0.715
Std Dev	1.35	1.000
61	1.34	1.608
9	1.33	1.787

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

251.99 Total Lead		
Lab		Other
24	0.70	0.000
Median	0.70	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
Std Dev	0.89	1.000
24	0.70	2.680

261.30 Acid Soluble Manganese		
Lab		ICP
9	340.50	-1.340
Std Dev	339.80	-1.000
Median	337.75	0.000
Std Dev	335.70	1.000
31	335.00	1.340

261.99 Acid Soluble Manganese		
Lab	PPM	Other
61	317.50	-0.638
61	312.50	0.000
Median	312.50	0.000
Std Dev	304.66	1.000
24	296.50	2.042

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
9	340.50	-1.370
31	335.00	-1.042
Std Dev	334.29	-1.000
61	317.50	0.000
Median	317.50	0.000
61	312.50	0.298
Std Dev	300.71	1.000
24	296.50	1.251

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

281.XX Total Mercury		
Lab	PPM	Total Method
24	<0.07	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
61		

289.99 Total Molybdenum		
Lab	PPM	Other
24	13.90	0.000
Median	13.90	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
61	15.00	-2.436
Std Dev	14.71	-1.000
9	14.50	0.000
61	14.50	0.000
Median	14.50	0.000

Std Dev	14.29	1.000
24	13.90	2.924

291.30 Total Nickel		
Lab		ICP
9	16.60	-2.680
Std Dev	15.28	-1.000
61	14.50	0.000
61	14.50	0.000
Median	14.50	0.000

291.99 Total Nickel		
Lab	PPM	Other
24	15.20	0.000
Median	15.20	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
9	16.60	-2.233
Std Dev	15.63	-1.000
24	15.20	-0.447
Median	14.85	0.000
61	14.50	0.447
61	14.50	0.447

301.30 Total Selenium		
Lab	PPM	ICP
24	<0.50	0.000
Median	0.00	0.000

301.XX Total Selenium		
Lab	PPM	Total Method
24	<0.50	0.000
Median	0.00	0.000

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.13	0.000
Median	0.13	0.000

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
24	0.19	-2.489
24	0.15	-1.149

Std Dev	0.15	-1.000
23	0.12	0.000
Median	0.12	0.000
23	0.12	0.191
61	0.11	0.383

311.XX	Sodium	
Lab	%Na <sub>2</sub> O	Total Method
24	0.19	-2.797
24	0.15	-1.165
Std Dev	0.15	-1.000
61	0.13	-0.233
Median	0.13	0.000
23	0.12	0.233
23	0.12	0.466
61	0.11	0.699

321.30	Acid Soluble Zinc	
Lab	PPM	ICP
9	61.00	-1.284
Std Dev	60.37	-1.000
24	59.30	-0.518
Median	58.15	0.000
61	57.00	0.518
61	56.00	0.968

321.XX	Acid Soluble Zinc	
Lab	PPM	Total Method
9	61.00	-1.284
Std Dev	60.37	-1.000
24	59.30	-0.518
Median	58.15	0.000
61	57.00	0.518
61	56.00	0.968

325.10	Fluoride	
Lab	%	Electrode
23	1.54	-0.487
23	1.53	-0.244
24	1.53	-0.244
32	1.52	0.000
Median	1.52	0.000
24	1.50	0.365
31	1.44	1.827

14 1.20 7.675

325.99	Fluoride	
Lab	%	Other
61	1.52	-0.124
61	1.51	0.000
Median	1.51	0.000
14	1.20	2.556

325.XX	Fluoride	
Lab	%	Total Method
23	1.54	-0.487
23	1.53	-0.292
24	1.53	-0.292
61	1.52	-0.195
32	1.52	-0.097
Median	1.51	0.000
61	1.51	0.097
24	1.50	0.195
31	1.44	1.364
14	1.20	6.042
14	1.20	6.140