

001.99 Ammoniacal Nitrogen		
Lab		Other
61	17.73	-1.489
31	17.71	-1.191
Std Dev	17.70	-1.000
23	17.67	-0.596
24	17.64	-0.074
23	17.63	0.000
Median	17.63	0.000
34	17.63	0.000
61	17.58	0.744
Std Dev	17.56	1.000
24	17.55	1.191
32	17.47	2.382

001.XX Ammoniacal Nitrogen		
Lab		Total Method
61	17.73	-1.489
31	17.71	-1.191
Std Dev	17.70	-1.000
23	17.67	-0.596
24	17.64	-0.074
23	17.63	0.000
Median	17.63	0.000
34	17.63	0.000
61	17.58	0.744
Std Dev	17.56	1.000
24	17.55	1.191
32	17.47	2.382

010.60 Total Nitrogen		
Lab		Combustion
29	17.93	-3.042
31	17.85	-1.883
Std Dev	17.79	-1.000
9	17.75	-0.435
24	17.72	0.000
24	17.72	0.000
Median	17.72	0.000
14	17.70	0.362
14	17.70	0.362

010.99 Total Nitrogen		
Lab		Other
34	17.84	-1.340
Std Dev	17.83	-1.000
Median	17.81	0.000
Std Dev	17.78	1.000
32	17.77	1.340

010.XX Total Nitrogen		
Lab		Total Method
29	17.93	-2.010
31	17.85	-1.117
34	17.84	-1.005
Std Dev	17.84	-1.000
32	17.77	-0.223
9	17.75	0.000
Median	17.75	0.000
24	17.72	0.335
24	17.72	0.335
14	17.70	0.614
14	17.70	0.614

020.20 Total Phosphate		
Lab		Spectrometric
24	46.47	-2.543
Std Dev	46.41	-1.000
14	46.41	-0.893
14	46.40	-0.618
31	46.38	-0.069
61	46.38	-0.069
61	46.38	-0.069
Median	46.38	0.000
9	46.38	0.069
23	46.37	0.206
Std Dev	46.34	1.000
34	46.34	1.031
24	46.33	1.443
23	46.29	2.405
32	46.17	5.704

020.50 Total Phosphate		
Lab		ICP
9	46.37	0.000
Median	46.37	0.000

020.XX Total Phosphate		
Lab		Total Method
24	46.47	-3.183
14	46.41	-1.173
Std Dev	46.40	-1.000
14	46.40	-0.838
31	46.38	-0.167
61	46.38	-0.167
61	46.38	-0.167
9	46.38	0.000
Median	46.38	0.000
9	46.37	0.167
23	46.37	0.167
Std Dev	46.35	1.000
34	46.34	1.173
24	46.33	1.675
23	46.29	2.848
32	46.17	6.868

030.20 Insoluble Phosphate		
Lab		Spectrometric
61	0.15	-1.531
32	0.14	-1.378
61	0.14	-1.225
Std Dev	0.13	-1.000
24	0.11	-0.459
14	0.10	0.000
24	0.10	0.000
Median	0.10	0.000
14	0.09	0.306
23	0.09	0.306
23	0.08	0.459
Std Dev	0.06	1.000
31	0.05	1.531

030.40 Insoluble Phosphate		
Lab		Automated
34	0.12	0.000
Median	0.12	0.000

030.50 Insoluble Phosphate		
Lab		ICP
9	0.06	0.000
Median	0.06	0.000

030.XX Insoluble Phosphate		
Lab		Total Method
61	0.15	-1.614
32	0.14	-1.453
61	0.14	-1.292
Std Dev	0.13	-1.000
34	0.12	-0.872
24	0.11	-0.484
14	0.10	0.000
24	0.10	0.000
Median	0.10	0.000
14	0.09	0.323
23	0.09	0.323
23	0.08	0.484
Std Dev	0.06	1.000
9	0.06	1.130
31	0.05	1.614

040.20 Indirect Available Phosphate		
Lab		Spectrometric
24	46.36	-1.172
Std Dev	46.35	-1.000
31	46.34	-0.754
14	46.32	-0.419
14	46.32	-0.419
23	46.29	0.000
Median	46.29	0.000
61	46.25	0.754
61	46.24	0.921
Std Dev	46.23	1.000
24	46.23	1.005
23	46.21	1.424

040.50 Indirect Available Phosphate		
Lab		ICP
9	46.36	0.000
Median	46.36	0.000

040.99 Indirect Available Phosphate		
Lab		Other
34	46.19	0.000
Median	46.19	0.000

040.XX Indirect Available Phosphate		
Lab	Total Method	
9	46.36	-1.014
24	46.36	-1.014
Std Dev	46.36	-1.000
31	46.34	-0.652
14	46.32	-0.362
14	46.32	-0.362
23	46.29	0.000
Median	46.29	0.000
61	46.25	0.652
61	46.24	0.797
24	46.23	0.869
Std Dev	46.22	1.000
23	46.21	1.231
34	46.19	1.449

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
29	41.49	0.000
Median	41.49	0.000

041.XX Direct Available Phosphate		
Lab	Total Method	
29	41.49	0.000
Median	41.49	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
32	42.76	-1.093
Std Dev	42.70	-1.000
23	42.37	-0.377
31	42.33	-0.293
23	42.30	-0.247
24	42.30	-0.247
Median	42.17	0.000
24	42.04	0.247
61	41.69	0.898
Std Dev	41.63	1.000
14	41.57	1.112
14	41.57	1.121
61	41.52	1.214

048.99 Water Soluble Phosphate		
Lab	Other	
9	42.19	-1.340
Std Dev	42.17	-1.000
Median	42.11	0.000
Std Dev	42.06	1.000
34	42.04	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	
32	42.76	-1.325
Std Dev	42.60	-1.000
23	42.37	-0.531
31	42.33	-0.438
23	42.30	-0.387
24	42.30	-0.387
9	42.19	-0.149
Median	42.11	0.000
34	42.04	0.149
24	42.04	0.160
61	41.69	0.881
Std Dev	41.63	1.000
14	41.57	1.118
14	41.57	1.129
61	41.52	1.232

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.15	-1.340
Std Dev	0.14	-1.000
Median	0.14	0.000
Std Dev	0.14	1.000
23	0.14	1.340

050.99 %K <sub>2</sub> O Soluble Potash		
Lab	Other	
61	0.15	-0.596
61	0.15	-0.596
Median	0.15	0.000
24	0.14	0.596
Std Dev	0.14	1.000
24	0.14	1.191

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
61	0.15	-1.149
61	0.15	-1.149
Std Dev	0.15	-1.000
23	0.15	-0.383
Median	0.14	0.000
23	0.14	0.383
24	0.14	0.383
Std Dev	0.14	1.000
24	0.14	1.149

060.00 Free Water		
Lab	Vacuum Oven	
14	2.57	-3.496
14	2.55	-3.321
Std Dev	2.35	-1.000
24	2.30	-0.408
32	2.29	-0.291
23	2.27	0.000
24	2.27	0.000
Median	2.27	0.000
23	2.25	0.175
Std Dev	2.18	1.000
9	2.16	1.223
34	2.15	1.340
31	2.13	1.631

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.18	-1.340
Std Dev	2.17	-1.000
Median	2.16	0.000
Std Dev	2.14	1.000
61	2.14	1.340

060.XX Free Water		
Lab	Total Method	
14	2.57	-3.052
14	2.55	-2.903
Std Dev	2.36	-1.000
24	2.30	-0.422
32	2.29	-0.323
23	2.27	-0.074

24	2.27	-0.074
Median	2.26	0.000
23	2.25	0.074
61	2.18	0.819
9	2.16	0.968
Std Dev	2.16	1.000
34	2.15	1.067
61	2.14	1.216
31	2.13	1.315

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
23	0.39	-1.340
31	0.39	-1.340
Std Dev	0.38	-1.000
34	0.38	-0.670
61	0.38	-0.670
32	0.38	-0.335
61	0.38	-0.335
Median	0.37	0.000
23	0.37	0.335
14	0.36	0.670
14	0.36	0.670
24	0.36	0.670
Std Dev	0.36	1.000
9	0.35	1.340
24	0.34	2.010

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
23	0.39	-1.340
31	0.39	-1.340
Std Dev	0.38	-1.000
34	0.38	-0.670
61	0.38	-0.670
32	0.38	-0.335
61	0.38	-0.335
Median	0.37	0.000
23	0.37	0.335
14	0.36	0.670
14	0.36	0.670
24	0.36	0.670
Std Dev	0.36	1.000
9	0.35	1.340

24 0.34 2.010

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
23	0.91	-0.919
23	0.91	-0.919
24	0.91	-0.919
24	0.91	-0.919
34	0.90	-0.766
9	0.88	-0.153
<b>Median</b>	<b>0.88</b>	<b>0.000</b>
14	0.87	0.153
14	0.87	0.153
31	0.87	0.306
61	0.85	0.766
61	0.85	0.919
<b>Std Dev</b>	<b>0.84</b>	<b>1.000</b>
32	0.83	1.378

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
23	0.91	-0.919
23	0.91	-0.919
24	0.91	-0.919
24	0.91	-0.919
34	0.90	-0.766
9	0.88	-0.153
<b>Median</b>	<b>0.88</b>	<b>0.000</b>
14	0.87	0.153
14	0.87	0.153
31	0.87	0.306
61	0.85	0.766
61	0.85	0.919
<b>Std Dev</b>	<b>0.84</b>	<b>1.000</b>
32	0.83	1.378

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
61	1.54	-1.340
<b>Std Dev</b>	<b>1.53</b>	<b>-1.000</b>
<b>Median</b>	<b>1.52</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.50</b>	<b>1.000</b>
61	1.50	1.340

144.70 Sulfur Spectrometric		
14	1.50	-1.340
<b>Std Dev</b>	<b>1.49</b>	<b>-1.000</b>
<b>Median</b>	<b>1.49</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.49</b>	<b>1.000</b>
14	1.49	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
23	1.51	-0.782
24	1.51	-0.782
23	1.50	-0.112
24	1.50	-0.112
<b>Median</b>	<b>1.49</b>	<b>0.000</b>
34	1.49	0.112
9	1.48	0.558
<b>Std Dev</b>	<b>1.47</b>	<b>1.000</b>
31	1.44	2.568
32	1.42	3.387

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
61	1.54	-3.573
23	1.51	-1.340
24	1.51	-1.340
<b>Std Dev</b>	<b>1.51</b>	<b>-1.000</b>
14	1.50	0.000
23	1.50	0.000
24	1.50	0.000
61	1.50	0.000
<b>Median</b>	<b>1.50</b>	<b>0.000</b>
34	1.49	0.447
14	1.49	0.893
<b>Std Dev</b>	<b>1.48</b>	<b>1.000</b>
9	1.48	1.340
31	1.44	5.360
32	1.42	6.998

151.30 Total Arsenic		
Lab	ICP	
24	10.70	-2.464
<b>Std Dev</b>	<b>7.31</b>	<b>-1.000</b>
61	5.00	0.000

<b>Median</b>	<b>5.00</b>	<b>0.000</b>
61	4.50	0.216

151.XX Total Arsenic		
Lab	Total Method	
24	10.70	-2.464
<b>Std Dev</b>	<b>7.31</b>	<b>-1.000</b>
61	5.00	0.000
<b>Median</b>	<b>5.00</b>	<b>0.000</b>
61	4.50	0.216

165.99 Acid Soluble Boron		
Lab	PPM	Other
24	40.40	0.000
<b>Median</b>	<b>40.40</b>	<b>0.000</b>

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
24	40.40	0.000
<b>Median</b>	<b>40.40</b>	<b>0.000</b>

181.30 Total Cadmium		
Lab	PPM	ICP
31	5.20	-3.298
<b>Std Dev</b>	<b>4.36</b>	<b>-1.000</b>
61	4.00	0.000
61	4.00	0.000
<b>Median</b>	<b>4.00</b>	<b>0.000</b>
<b>Std Dev</b>	<b>3.64</b>	<b>1.000</b>
9	3.25	2.062

181.99 Total Cadmium		
Lab	Other	
24	4.26	0.000
<b>Median</b>	<b>4.26</b>	<b>0.000</b>

181.XX Total Cadmium		
Lab	PPM	Total Method
31	5.20	-6.306
24	4.26	-1.340
<b>Std Dev</b>	<b>4.19</b>	<b>-1.000</b>
61	4.00	0.000
61	4.00	0.000
<b>Median</b>	<b>4.00</b>	<b>0.000</b>

<b>Std Dev</b>	<b>3.81</b>	<b>1.000</b>
9	3.25	3.941

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
9	1.59	-1.489
<b>Std Dev</b>	<b>1.56</b>	<b>-1.000</b>
14	1.56	-0.993
14	1.56	-0.893
31	1.56	-0.893
34	1.52	-0.199
24	1.52	-0.099
<b>Median</b>	<b>1.51</b>	<b>0.000</b>
24	1.51	0.099
23	1.50	0.199
23	1.50	0.298
61	1.47	0.893
32	1.46	0.993
61	1.46	0.993

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
9	1.59	-1.489
<b>Std Dev</b>	<b>1.56</b>	<b>-1.000</b>
14	1.56	-0.993
14	1.56	-0.893
31	1.56	-0.893
34	1.52	-0.199
24	1.52	-0.099
<b>Median</b>	<b>1.51</b>	<b>0.000</b>
24	1.51	0.099
23	1.50	0.199
23	1.50	0.298
61	1.47	0.893
32	1.46	0.993
61	1.46	0.993

191.30 Total Chromium		
Lab	ICP	
9	81.75	-3.087
<b>Std Dev</b>	<b>78.03</b>	<b>-1.000</b>
61	76.50	-0.140
<b>Median</b>	<b>76.25</b>	<b>0.000</b>
61	76.00	0.140

Std Dev	74.47	1.000
31	73.70	1.431

191.99	Total Chromium	
Lab	PPM	Other
24	73.30	0.000
Median	73.30	0.000

191.XX	Total Chromium	
Lab	PPM	Total Method
9	81.75	-2.752
Std Dev	78.09	-1.000
61	76.50	-0.239
61	76.00	0.000
Median	76.00	0.000
Std Dev	73.91	1.000
31	73.70	1.101
24	73.30	1.292

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.96	1.000
9	2.90	2.680

202.99	Acid Soluble Cobalt	
Lab	PPM	Other
24	2.93	0.000
Median	2.93	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
61	3.00	-0.605
61	3.00	-0.605
Median	2.97	0.000
24	2.93	0.605
Std Dev	2.91	1.000
9	2.90	1.124

221.30	Acid Soluble Copper	
Lab	PPM	ICP
61	2.00	-1.340

Std Dev	1.87	-1.000
Median	1.50	0.000
Std Dev	1.13	1.000
61	1.00	1.340

221.99	Acid Soluble Copper	
Lab	PPM	Other
24	<0.01	0.000
Median	0.00	0.000

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
24	<0.01	0.000
61	2.00	-1.340
Std Dev	1.87	-1.000
Median	1.50	0.000
Std Dev	1.13	1.000
61	1.00	1.340

241.30	Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
23	1.57	-1.092
Std Dev	1.56	-1.000
34	1.56	-0.893
24	1.55	-0.496
32	1.55	-0.496
14	1.54	-0.099
14	1.54	-0.099
Median	1.54	0.000
23	1.54	0.099
24	1.54	0.099
31	1.53	0.496
Std Dev	1.51	1.000
9	1.49	1.886
61	1.48	2.283
61	1.48	2.481

241.XX	Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
23	1.57	-1.092
Std Dev	1.56	-1.000
34	1.56	-0.893
24	1.55	-0.496
32	1.55	-0.496

14	1.54	-0.099
14	1.54	-0.099
Median	1.54	0.000
23	1.54	0.099
24	1.54	0.099
31	1.53	0.496
Std Dev	1.51	1.000
9	1.49	1.886
61	1.48	2.283
61	1.48	2.481

251.30	Total Lead	
Lab	PPM	ICP
61	1.50	-1.340
Std Dev	1.44	-1.000
Median	1.25	0.000
Std Dev	1.06	1.000
61	1.00	1.340

251.99	Total Lead	
Lab	PPM	Other
24	0.96	0.000
Median	0.96	0.000

251.XX	Total Lead	
Lab	PPM	Total Method
61	1.50	-2.481
Std Dev	1.20	-1.000
61	1.00	0.000
Median	1.00	0.000
24	0.96	0.199

261.30	Acid Soluble Manganese	
Lab	PPM	ICP
9	348.00	-1.340
Std Dev	347.62	-1.000
Median	346.50	0.000
Std Dev	345.38	1.000
31	345.00	1.340

261.99	Acid Soluble Manganese	
Lab	PPM	Other
61	331.50	-1.294
Std Dev	329.91	-1.000

61	324.50	0.000
Median	324.50	0.000
Std Dev	319.09	1.000
24	317.00	1.386

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
9	348.00	-1.079
Std Dev	346.80	-1.000
31	345.00	-0.882
61	331.50	0.000
Median	331.50	0.000
61	324.50	0.458
24	317.00	0.948

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	11.90	0.000
Median	11.90	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
61	12.00	-0.335
61	12.00	-0.335
Median	11.95	0.000
24	11.90	0.335
Std Dev	11.80	1.000
9	11.50	3.015

291.30	Total Nickel	
Lab	PPM	ICP

9	15.30	-2.680
Std Dev	15.11	-1.000
61	15.00	0.000
61	15.00	0.000
Median	15.00	0.000

291.99		Total Nickel
Lab	PPM	Other
24	16.45	0.000
Median	16.45	0.000

291.XX		Total Nickel
Lab	PPM	Total Method
24	16.45	-2.965
Std Dev	15.59	-1.000
9	15.30	-0.342
Median	15.15	0.000
61	15.00	0.342
61	15.00	0.342

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

311.00		Sodium
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.22	0.000
Median	0.22	0.000

311.99		Sodium
Lab	%Na <sub>2</sub> O	Other
24	0.23	-0.570
61	0.23	-0.570
24	0.22	0.000

Median	0.22	0.000
23	0.21	0.770
Std Dev	0.20	1.000
23	0.20	1.441

311.XX		Sodium
Lab	%Na <sub>2</sub> O	Total Method
24	0.23	-0.570
61	0.23	-0.570
61	0.22	-0.148
Median	0.22	0.000
24	0.22	0.148
Std Dev	0.21	1.000
23	0.21	1.118
23	0.20	1.963

321.30		Acid Soluble Zinc
Lab	PPM	ICP
24	65.90	-1.892
Std Dev	64.77	-1.000
61	63.50	0.000
Median	63.50	0.000
61	62.50	0.788

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
24	65.90	-1.892
Std Dev	64.77	-1.000
61	63.50	0.000
Median	63.50	0.000
61	62.50	0.788

325.10		Fluoride
Lab	%	Electrode
31	2.20	-1.474
32	2.19	-1.206
23	2.16	-0.402
24	2.14	0.000
24	2.14	0.000
Median	2.14	0.000
23	2.13	0.268
9	2.11	0.938
34	2.05	2.412
14	1.71	11.658

325.99		Fluoride
Lab	%	Other
61	2.22	-0.104
61	2.20	0.000
Median	2.20	0.000
14	1.70	2.576

325.XX		Fluoride
Lab	%	Total Method
61	2.22	-1.044
31	2.20	-0.766
61	2.20	-0.766
32	2.19	-0.626
23	2.16	-0.209
24	2.14	0.000
24	2.14	0.000
Median	2.14	0.000
23	2.13	0.139
9	2.11	0.487
34	2.05	1.253
14	1.71	6.056
14	1.70	6.126