

001.99 Ammoniacal Nitrogen		
Lab		Other
31	18.54	-1.392
Std Dev	18.50	-1.000
24	18.50	-0.979
24	18.41	0.000
Median	18.41	0.000
34	18.37	0.361
Std Dev	18.31	1.000
32	18.07	3.453

001.XX Ammoniacal Nitrogen		
Lab		Total Method
31	18.54	-1.392
Std Dev	18.50	-1.000
24	18.50	-0.979
24	18.41	0.000
Median	18.41	0.000
34	18.37	0.361
Std Dev	18.31	1.000
32	18.07	3.453

010.11 Total Nitrogen		
Lab		Modified Comprehensive
61	18.65	-1.340
Std Dev	18.62	-1.000
Median	18.56	0.000
Std Dev	18.50	1.000
61	18.48	1.340

010.60 Total Nitrogen		
Lab		Combustion
31	18.56	-0.756
79	18.50	-0.344
24	18.48	-0.241
9	18.45	0.000
Median	18.45	0.000
24	18.38	0.447
Std Dev	18.30	1.000
14	18.21	1.649
14	18.20	1.684

010.99 Total Nitrogen		
Lab		Other

34	18.46	-0.951
32	18.44	-0.605
Median	18.41	0.000
23	18.37	0.605
23	18.36	0.778

010.XX Total Nitrogen		
Lab		Total Method
61	18.65	-2.436
31	18.56	-1.340
Std Dev	18.53	-1.000
79	18.50	-0.609
24	18.48	-0.426
61	18.48	-0.365
34	18.46	-0.183
9	18.45	0.000
Median	18.45	0.000
32	18.44	0.061
24	18.38	0.792
23	18.37	0.914
Std Dev	18.36	1.000
23	18.36	1.035
14	18.21	2.924
14	18.20	2.985

020.20 Total Phosphate		
Lab		Spectrometric
31	46.59	-3.505
24	46.48	-1.237
23	46.47	-1.031
Std Dev	46.46	-1.000
24	46.44	-0.412
34	46.43	-0.309
79	46.42	0.000
14	46.42	0.000
14	46.42	0.000
Median	46.42	0.000
23	46.41	0.103
9	46.37	0.928
Std Dev	46.37	1.000
61	46.22	4.020
61	46.18	4.845
32	46.15	5.463

020.50 Total Phosphate		
Lab		ICP
9	46.52	0.000
Median	46.52	0.000

020.XX Total Phosphate		
Lab		Total Method
31	46.59	-2.939
9	46.52	-1.729
24	46.48	-1.037
Std Dev	46.47	-1.000
23	46.47	-0.865
24	46.44	-0.346
34	46.43	-0.259
79	46.42	0.000
Median	46.42	0.000
14	46.42	0.000
14	46.42	0.000
23	46.41	0.086
9	46.37	0.778
Std Dev	46.36	1.000
61	46.22	3.372
61	46.18	4.063
32	46.15	4.582

030.20 Insoluble Phosphate		
Lab		Spectrometric
32	0.17	-7.236
61	0.12	-4.288
24	0.06	-1.340
61	0.06	-1.072
Std Dev	0.05	-1.000
23	0.05	-0.536
23	0.04	0.000
24	0.04	0.000
79	0.04	0.000
Median	0.04	0.000
31	0.03	0.268
14	0.03	0.536
14	0.02	0.804

030.40 Insoluble Phosphate		
Lab		Automated
34	0.07	0.000

Median	0.07	0.000
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030.50 Insoluble Phosphate		
Lab		ICP
9	0.04	0.000
Median	0.04	0.000

030.XX Insoluble Phosphate		
Lab		Total Method
32	0.17	-6.968
61	0.12	-4.020
34	0.07	-1.608
24	0.06	-1.072
Std Dev	0.06	-1.000
61	0.06	-0.804
23	0.05	-0.268
9	0.04	0.000
Median	0.04	0.000
23	0.04	0.268
24	0.04	0.268
79	0.04	0.268
31	0.03	0.536
14	0.03	0.804
Std Dev	0.02	1.000
14	0.02	1.072

040.20 Indirect Available Phosphate		
Lab		Spectrometric
31	46.56	-3.608
24	46.44	-1.237
23	46.43	-1.031
Std Dev	46.43	-1.000
14	46.40	-0.309
14	46.39	-0.206
79	46.38	0.000
Median	46.38	0.000
24	46.38	0.103
23	46.37	0.309
Std Dev	46.33	1.000
9	46.33	1.031
61	46.17	4.432
61	46.07	6.494

040.50 Indirect Available Phosphate		
Lab	ICP	
9	46.48	0.000
<b>Median</b>	<b>46.48</b>	<b>0.000</b>

040.99 Indirect Available Phosphate		
Lab	Other	
34	46.36	0.000
<b>Median</b>	<b>46.36</b>	<b>0.000</b>

040.XX Indirect Available Phosphate		
Lab	Total Method	
31	46.56	-3.350
9	46.48	-1.819
24	46.44	-1.149
<b>Std Dev</b>	<b>46.43</b>	<b>-1.000</b>
23	46.43	-0.957
14	46.40	-0.287
14	46.39	-0.191
79	46.38	0.000
<b>Median</b>	<b>46.38</b>	<b>0.000</b>
24	46.38	0.096
23	46.37	0.287
34	46.36	0.383
9	46.33	0.957
<b>Std Dev</b>	<b>46.33</b>	<b>1.000</b>
61	46.17	4.116
61	46.07	6.030

041.40 Direct Available Phosphate		
Lab	Automated	
14	45.70	-1.340
<b>Std Dev</b>	<b>45.69</b>	<b>-1.000</b>
<b>Median</b>	<b>45.67</b>	<b>0.000</b>
<b>Std Dev</b>	<b>45.64</b>	<b>1.000</b>
14	45.64	1.340

041.XX Direct Available Phosphate		
Lab	Total Method	
14	45.70	-1.340
<b>Std Dev</b>	<b>45.69</b>	<b>-1.000</b>
<b>Median</b>	<b>45.67</b>	<b>0.000</b>
<b>Std Dev</b>	<b>45.64</b>	<b>1.000</b>
14	45.64	1.340

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
31	44.54	-3.076
61	44.34	-1.827
<b>Std Dev</b>	<b>44.20</b>	<b>-1.000</b>
79	44.09	-0.305
23	44.06	-0.122
23	44.06	-0.122
61	44.04	0.000
<b>Median</b>	<b>44.04</b>	<b>0.000</b>
24	43.91	0.761
24	43.90	0.853
<b>Std Dev</b>	<b>43.87</b>	<b>1.000</b>
14	43.81	1.401
14	43.69	2.101
32	43.65	2.345

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

048.XX Water Soluble Phosphate		
Lab	Total Method	
31	44.54	-2.203
9	44.47	-1.885
61	44.34	-1.272
<b>Std Dev</b>	<b>44.28</b>	<b>-1.000</b>
34	44.19	-0.613
79	44.09	-0.136
23	44.06	0.000
23	44.06	0.000
<b>Median</b>	<b>44.06</b>	<b>0.000</b>
61	44.04	0.091
24	43.91	0.659
24	43.90	0.727
<b>Std Dev</b>	<b>43.83</b>	<b>1.000</b>
14	43.81	1.136
14	43.69	1.658
32	43.65	1.840

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.18	0.000
23	0.18	0.000
<b>Median</b>	<b>0.18</b>	<b>0.000</b>

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
24	0.19	-0.670
61	0.19	-0.670
<b>Median</b>	<b>0.18</b>	<b>0.000</b>
24	0.18	0.670
61	0.18	0.670

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
24	0.19	-1.191
61	0.19	-1.191
<b>Std Dev</b>	<b>0.19</b>	<b>-1.000</b>
23	0.18	0.000
23	0.18	0.000
<b>Median</b>	<b>0.18</b>	<b>0.000</b>
24	0.18	0.596
61	0.18	0.596

060.00 Free Water		
Lab	Vacuum Oven	
32	1.81	-2.825
<b>Std Dev</b>	<b>1.68</b>	<b>-1.000</b>
14	1.65	-0.507
14	1.65	-0.435
9	1.62	0.000
31	1.62	0.000
79	1.62	0.000
<b>Median</b>	<b>1.62</b>	<b>0.000</b>
24	1.59	0.362
<b>Std Dev</b>	<b>1.55</b>	<b>1.000</b>
24	1.55	1.014
23	1.53	1.231
34	1.53	1.231
23	1.50	1.738

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.36	0.000
<b>Median</b>	<b>2.36</b>	<b>0.000</b>

060.XX Free Water		
Lab	Total Method	
61	2.36	-9.444
32	1.81	-2.489
<b>Std Dev</b>	<b>1.69</b>	<b>-1.000</b>
14	1.65	-0.447
14	1.65	-0.383
9	1.62	0.000
31	1.62	0.000
79	1.62	0.000
<b>Median</b>	<b>1.62</b>	<b>0.000</b>
24	1.59	0.319
24	1.55	0.893
<b>Std Dev</b>	<b>1.54</b>	<b>1.000</b>
23	1.53	1.085
34	1.53	1.085
23	1.50	1.531

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
14	1.24	-41.752
14	1.23	-41.187
23	0.52	-1.128
<b>Std Dev</b>	<b>0.51</b>	<b>-1.000</b>
61	0.51	-0.846
24	0.50	-0.282
23	0.50	0.000
61	0.50	0.000
<b>Median</b>	<b>0.50</b>	<b>0.000</b>
24	0.49	0.282
32	0.49	0.282
34	0.48	0.846
<b>Std Dev</b>	<b>0.48</b>	<b>1.000</b>
31	0.46	2.257
9	0.31	10.438

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
14	1.24	-41.752

14	1.23	-41.187
23	0.52	-1.128
<b>Std Dev</b>	<b>0.51</b>	<b>-1.000</b>
61	0.51	-0.846
24	0.50	-0.282
23	0.50	0.000
61	0.50	0.000
<b>Median</b>	<b>0.50</b>	<b>0.000</b>
24	0.49	0.282
32	0.49	0.282
34	0.48	0.846
<b>Std Dev</b>	<b>0.48</b>	<b>1.000</b>
31	0.46	2.257
9	0.31	10.438

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
31	1.38	-0.273
61	1.36	-0.202
24	1.34	-0.107
61	1.33	-0.036
23	1.32	-0.012
23	1.32	-0.012
<b>Median</b>	<b>1.32</b>	<b>0.000</b>
24	1.32	0.012
34	1.26	0.273
32	1.14	0.842
<b>Std Dev</b>	<b>1.11</b>	<b>1.000</b>
9	0.77	2.621
14	0.44	4.162
14	0.44	4.162

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
31	1.38	-0.273
61	1.36	-0.202
24	1.34	-0.107
61	1.33	-0.036
23	1.32	-0.012
23	1.32	-0.012
<b>Median</b>	<b>1.32</b>	<b>0.000</b>
24	1.32	0.012
34	1.26	0.273
32	1.14	0.842

<b>Std Dev</b>	<b>1.11</b>	<b>1.000</b>
9	0.77	2.621
14	0.44	4.162
14	0.44	4.162

144..01 Sulfate Sulfur (S)		
Lab		Gravimetric
61	2.31	0.000
61	2.31	0.000
<b>Median</b>	<b>2.31</b>	<b>0.000</b>

144.70 Sulfur		
Lab		Spectrometric
14	2.18	-1.340
<b>Std Dev</b>	<b>2.18</b>	<b>-1.000</b>
<b>Median</b>	<b>2.18</b>	<b>0.000</b>
<b>Std Dev</b>	<b>2.18</b>	<b>1.000</b>
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
<b>Median</b>	<b>2.19</b>	<b>0.000</b>
24	2.19	0.036
9	2.12	0.978
<b>Std Dev</b>	<b>2.12</b>	<b>1.000</b>
32	2.06	1.847
31	2.03	2.282

144.XX Sulfate Sulfur (S)		
Lab		Total Method
61	2.31	-2.624
61	2.31	-2.624
<b>Std Dev</b>	<b>2.23</b>	<b>-1.000</b>
23	2.23	-0.838
24	2.22	-0.726
23	2.19	-0.056
34	2.19	-0.056
<b>Median</b>	<b>2.19</b>	<b>0.000</b>
24	2.19	0.056
14	2.18	0.168

14	2.18	0.279
<b>Std Dev</b>	<b>2.14</b>	<b>1.000</b>
9	2.12	1.508
32	2.06	2.848
31	2.03	3.518

151.30 Total Arsenic		
Lab		ICP
61	<1	0.000
61	<1	0.000
24	1.34	0.000
<b>Median</b>	<b>1.34</b>	<b>0.000</b>

151.XX Total Arsenic		
Lab		Total Method
61	<1	0.000
61	<1	0.000
24	1.34	0.000
<b>Median</b>	<b>1.34</b>	<b>0.000</b>

165.99 Acid Soluble Boron		
Lab	PPM	Other
24	87.60	0.000
<b>Median</b>	<b>87.60</b>	<b>0.000</b>

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
24	87.60	0.000
<b>Median</b>	<b>87.60</b>	<b>0.000</b>

181.30 Total Cadmium		
Lab	PPM	ICP
31	27.00	-0.805
61	23.50	-0.101
<b>Median</b>	<b>23.00</b>	<b>0.000</b>
61	22.50	0.101
<b>Std Dev</b>	<b>18.03</b>	<b>1.000</b>
9	3.35	3.952

181.99 Total Cadmium		
Lab		Other
24	26.90	0.000
<b>Median</b>	<b>26.90</b>	<b>0.000</b>

181.XX Total Cadmium		
Lab	PPM	Total Method
31	27.00	-1.066
24	26.90	-1.035
<b>Std Dev</b>	<b>26.78</b>	<b>-1.000</b>
61	23.50	0.000
<b>Median</b>	<b>23.50</b>	<b>0.000</b>
61	22.50	0.305
<b>Std Dev</b>	<b>20.22</b>	<b>1.000</b>
9	3.35	6.137

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
24	0.55	-5.003
9	0.53	-3.573
24	0.51	-1.787
61	0.50	-1.072
<b>Std Dev</b>	<b>0.49</b>	<b>-1.000</b>
23	0.49	-0.357
14	0.48	0.000
14	0.48	0.000
23	0.48	0.000
34	0.48	0.000
<b>Median</b>	<b>0.48</b>	<b>0.000</b>
61	0.48	0.357
31	0.47	0.715
<b>Std Dev</b>	<b>0.47</b>	<b>1.000</b>
32	0.45	2.144

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
24	0.55	-5.003
9	0.53	-3.573
24	0.51	-1.787
61	0.50	-1.072
<b>Std Dev</b>	<b>0.49</b>	<b>-1.000</b>
23	0.49	-0.357
14	0.48	0.000
14	0.48	0.000
23	0.48	0.000
34	0.48	0.000
<b>Median</b>	<b>0.48</b>	<b>0.000</b>
61	0.48	0.357
31	0.47	0.715

Std Dev	0.47	1.000
32	0.45	2.144

191.30	Total Chromium	
Lab	ICP	
61	251.50	-0.919
31	245.50	0.000
Median	245.50	0.000
Std Dev	238.97	1.000
61	234.00	1.761

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	-1.177
Std Dev	249.73	-1.000
31	245.50	-0.576
Median	239.75	0.000
61	234.00	0.576
24	232.50	0.726

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
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
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
Std Dev	0.81	1.000
24	0.49	2.680

221.30	Acid Soluble Copper	
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

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
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 <sub>2</sub> O <sub>3</sub>	ICP
24	0.65	-2.278
23	0.63	-1.206
Std Dev	0.63	-1.000
23	0.63	-0.938
61	0.63	-0.938
34	0.62	-0.670
61	0.61	-0.134
Median	0.61	0.000
14	0.61	0.134
14	0.60	0.402
32	0.60	0.402
9	0.59	0.938
Std Dev	0.59	1.000
24	0.57	2.010

241.XX	Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
24	0.65	-2.278
23	0.63	-1.206
Std Dev	0.63	-1.000

23	0.63	-0.938
61	0.63	-0.938
34	0.62	-0.670
61	0.61	-0.134
Median	0.61	0.000
14	0.61	0.134
31	0.61	0.134
14	0.60	0.402
32	0.60	0.402
9	0.59	0.938
Std Dev	0.59	1.000
24	0.57	2.010

251.30	Total Lead	
Lab	PPM	ICP
61	1.00	-1.340
Std Dev	0.94	-1.000
Median	0.75	0.000
Std Dev	0.56	1.000
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
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

261.30	Acid Soluble Manganese	
Lab	ICP	
31	33.50	0.000
Median	33.50	0.000

261.99	Acid Soluble Manganese	
Lab	PPM	Other
61	31.50	-0.223
24	31.25	0.000
Median	31.25	0.000

Std Dev	30.13	1.000
61	28.50	2.457

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
31	33.50	-1.981
Std Dev	32.45	-1.000
61	31.50	-0.117
Median	31.38	0.000
24	31.25	0.117
Std Dev	30.30	1.000
61	28.50	2.680

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	3.89	0.000
Median	3.89	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
24	3.89	-1.174
Std Dev	3.83	-1.000
61	3.50	0.000
Median	3.50	0.000
Std Dev	3.17	1.000
61	3.00	1.506

291.30	Total Nickel	
Lab	ICP	
61	10.00	0.000
61	10.00	0.000

Median	10.00	0.000
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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	-2.680
Std Dev	11.10	-1.000
61	10.00	0.000
61	10.00	0.000
Median	10.00	0.000

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	0.31	0.000
Median	0.31	0.000

311.99		Sodium
Lab	%Na <sub>2</sub> O	Other
24	0.36	-10.720
24	0.32	-1.340
Std Dev	0.32	-1.000
23	0.32	0.000
23	0.32	0.000
Median	0.32	0.000
Std Dev	0.31	1.000
61	0.30	4.020

311.XX		Sodium
Lab	%Na <sub>2</sub> O	Total Method
24	0.36	-7.147
Std Dev	0.32	-1.000
24	0.32	-0.893
23	0.32	0.000
23	0.32	0.000
Median	0.32	0.000
61	0.31	0.893
Std Dev	0.31	1.000
61	0.30	2.680

321.30		Acid Soluble Zinc
Lab	PPM	ICP
24	322.00	-0.514
61	296.50	-0.029
Median	295.00	0.000
61	293.50	0.029
Std Dev	242.48	1.000
9	49.50	4.675

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
24	322.00	-0.514
61	296.50	-0.029
Median	295.00	0.000
61	293.50	0.029
Std Dev	242.48	1.000
9	49.50	4.675

325.10		Fluoride
Lab	%	Electrode
31	1.33	-0.650
34	1.32	-0.325
23	1.32	-0.162
23	1.31	0.000
32	1.31	0.000
Median	1.31	0.000
24	1.28	0.975
24	1.26	1.624
14	1.18	4.385

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

325.XX		Fluoride
Lab	%	Total Method
31	1.33	-1.218
34	1.32	-0.975
23	1.32	-0.853
23	1.31	-0.731
32	1.31	-0.731
24	1.28	0.000
Median	1.28	0.000
61	1.27	0.365
24	1.26	0.487
61	1.26	0.609
14	1.18	2.558
14	1.17	2.680