

## AFPC

## Sample

2020-12

Grade

MAP

	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
<b>AMMONIACAL NITROGEN</b>					
Ammoniacal Nitrogen, Other		001.99	14	11.42	0.07
Method Group 001.XX PCT			14	11.42	0.09
<b>TOTAL NITROGEN</b>					
Total Nitrogen, Combustion	993.13	010.60	14	11.45	0.16
Total Nitrogen, Other		010.99	1	11.48	0.00
Method Group 010.XX PCT			15	11.48	0.17
<b>TOTAL PHOSPHATE</b>					
Total Phosphate, Spectrometric	978.02	020.20	15	53.14	0.13
Total Phosphate, ICP	970.03	020.40	1	52.25	0.00
Total Phosphate, Other	993.13	020.99	2	53.79	0.16
Method Group 020.XX PCT			18	53.15	0.20
<b>INSOLUBLE PHOSPHATE</b>					
Insoluble Phosphate, Spectrometric	963.03C(b)	030.20	10	0.14	0.08
Insoluble Phosphate, Automated	978.01	030.40	3	0.16	0.01
Method Group 030.XX PCT			13	0.15	0.07
<b>INDIRECT AVAILABLE PHOSPHATE</b>					
Indirect Available Phosphate, Spectrometric	960.02	040.20	12	52.97	0.15
Indirect Available Phosphate, Other		040.99	2	52.85	0.02
Method Group 040.XX PCT			14	52.94	0.19
<b>DIRECT AVAILABLE PHOSPHATE</b>					
Direct Available Phosphate, Spectrometric	960.03D	041.20	1	52.19	0.00
Direct Available Phosphate, ICP		041.50	3	52.31	0.87
Direct Available Phosphate, EDTA Extract	993.01	041.60	3	52.27	0.63
Method Group 041.XX PCT			7	52.27	0.46
<b>WATER SOLUBLE PHOSPHATE</b>					
Water Soluble Phosphate, Spectrometric	970.01	048.20	14	48.31	0.19
Water Soluble Phosphate, Other		048.99	1	48.00	0.00
Method Group 048.XX PCT			15	48.30	0.22
<b>SOLUBLE POTASH AS K<sub>2</sub>O</b>					
Soluble Potash, ICP(Oxalate)		050.50	2	0.11	0.00
Soluble Potash, ICP(Citrate)		050.51	1	0.13	0.00
Soluble Potash, Other		050.99	5	0.12	0.01
Method Group 050.XX PCT			8	0.12	0.01
<b>FREE WATER</b>					
Free Water, Vacuum Oven	965.08B	060.00	13	1.19	0.19
Free Water, Other		060.99	3	1.05	0.06
Method Group 060.XX PCT			16	1.15	0.29
<b>ACID SOLUBLE CALCIUM AS CaO</b>					
Acid Soluble Calcium, ICP		101.30	12	0.66	0.07
Method Group 101.XX PCT			12	0.66	0.08
<b>ACID SOLUBLE MAGNESIUM AS MgO</b>					
Acid Soluble Magnesium, ICP		121.30	12	1.15	0.07
Method Group 121.XX PCT			12	1.15	0.09
<b>SULFATE SULFUR (S)</b>					
Sulfur, Gravimetric	980.02(a)	144.01	2	1.43	0.02
Sulfur, Spectrometric		144.70	2	1.60	0.00
Sulfur, Other		144.99	10	1.46	0.05
Method Group 144.XX PCT			14	1.46	0.07
<b>TOTAL ARSENIC</b>					
Total Arsenic, ICP	980.02(b)	151.02	1	8.5	0.0
Method Group 151.XX PPM			1	8.5	0.0
<b>TOTAL CADMIUM</b>					

Total Cadmium, ICP	181.30	3	147.0	6.5
Method Group 181.XX PPM		3	147.0	8.0
<b>ALUMINUM AS Al<sub>2</sub>O<sub>3</sub></b>				
ICP, %		12	1.72	0.07
Method Group 190.XX PCT		12	1.72	0.08
<b>TOTAL CHROMIUM</b>				
Total Chromium, ICP	191.30	3	578	12.1
Method Group 191.XX PPM		3	578	14.8
<b>ACID SOLUBLE COBALT</b>				
Acid Soluble Cobalt, ICP	202.30	3	3	0.7
Method Group 202.XX PPM		3	3	0.8
<b>ACID SOLUBLE COPPER</b>				
Method Group 221.XX PPM		3	54.0	3.7
<b>ACID SOLUBLE IRON AS Fe<sub>2</sub>O<sub>3</sub></b>				
Acid Soluble Iron, ICP	241.30	12	1.07	0.05
Method Group 241.XX PCT		12	1.07	0.06
<b>TOTAL LEAD</b>				
Total Lead, ICP	251.30	3	1.0	1.1
Method Group 251.XX PPM		3	1.0	1.4
<b>ACID SOLUBLE MANGANESE</b>				
Acid Soluble Manganese, ICP	972.02a 261.30	3	180	4.9
Method Group 261.XX PPM		3	180	5.9
<b>TOTAL MERCURY</b>				
Total Mercury, Other	281.99	1	0	0.00
Method Group 281.XX PPM		1	0.00	0.00
<b>TOTAL MOLYBDENUM</b>				
Total Molybdenum, ICP	289.30	3	20	1.1
Method Group 289.XX PPM		3	20	1.4
<b>TOTAL NICKEL</b>				
Total Nickel, ICP	291.30	3	244.0	10.8
Method Group 291.XX PPM		3	244.0	13.2
<b>SODIUM AS Na<sub>2</sub>O</b>				
Sodium, Other	311.99	6	0.12	0.03
Method Group 311.XX PCT		6	0.12	0.04
<b>ACID SOLUBLE ZINC</b>				
Acid Soluble Zinc, ICP	321.30	3	1853.5	153.0
Acid Soluble Zinc, Other	321.99	1	0.9	0.0
Method Group 321.XX %		4	1784.3	577.2
<b>FLUORIDE</b>				
Volumetric	325.10	10	1.58	0.06
Distilled/Electrode	325.99	2	1.67	0.00
Method Group 325.XX PCT		12	1.59	0.06

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001.99 Ammoniacal Nitrogen		
Lab		Other
275	11.54	-1.679
61	11.50	-1.108
<b>Std Dev</b>	<b>11.49</b>	<b>-1.000</b>
32	11.48	-0.893
24	11.47	-0.750
61	11.46	-0.536
24	11.44	-0.250
275	11.42	-0.036
<b>Median</b>	<b>11.42</b>	<b>0.000</b>
34	11.42	0.036
32	11.40	0.250
23	11.38	0.536
23	11.37	0.679
<b>Std Dev</b>	<b>11.35</b>	<b>1.000</b>
79	11.31	1.537
79	11.31	1.537
38	10.92	7.104

001.XX Ammoniacal Nitrogen		
Lab		Total Method
275	11.54	-1.679
61	11.50	-1.108
<b>Std Dev</b>	<b>11.49</b>	<b>-1.000</b>
32	11.48	-0.893
24	11.47	-0.750
61	11.46	-0.536
24	11.44	-0.250
275	11.42	-0.036
<b>Median</b>	<b>11.42</b>	<b>0.000</b>
34	11.42	0.036
32	11.40	0.250
23	11.38	0.536
23	11.37	0.679
<b>Std Dev</b>	<b>11.35</b>	<b>1.000</b>
79	11.31	1.537
79	11.31	1.537
38	10.92	7.104

010.60 Total Nitrogen		
Lab		Combustion
103	11.62	-1.019
<b>Std Dev</b>	<b>11.61</b>	<b>-1.000</b>

38	11.60	-0.925
63	11.60	-0.893
77	11.54	-0.517
23	11.53	-0.455
79	11.51	-0.360
79	11.50	-0.298
<b>Median</b>	<b>11.45</b>	<b>0.000</b>
23	11.41	0.298
14	11.40	0.329
14	11.38	0.486
80	11.30	0.956
140	11.30	0.956
<b>Std Dev</b>	<b>11.29</b>	<b>1.000</b>
66	11.28	1.113
137	11.08	2.367

010.99 Total Nitrogen		
Lab		Other
47	11.48	0.000
<b>Median</b>	<b>11.48</b>	<b>0.000</b>

010.XX Total Nitrogen		
Lab		Total Method
103	11.62	-0.975
38	11.60	-0.870
63	11.60	-0.835
77	11.54	-0.418
23	11.53	-0.348
79	11.51	-0.244
79	11.50	-0.174
47	11.48	0.000
<b>Median</b>	<b>11.48</b>	<b>0.000</b>
23	11.41	0.487
14	11.40	0.522
14	11.38	0.696
<b>Std Dev</b>	<b>11.33</b>	<b>1.000</b>
80	11.30	1.218
140	11.30	1.218
66	11.28	1.392
137	11.08	2.784

020.20 Total Phosphate		
Lab		Spectrometric
32	53.48	-2.680

79	53.29	-1.182
24	53.28	-1.064
<b>Std Dev</b>	<b>53.27</b>	<b>-1.000</b>
79	53.24	-0.788
14	53.21	-0.512
14	53.19	-0.355
24	53.16	-0.118
23	53.14	0.000
<b>Median</b>	<b>53.14</b>	<b>0.000</b>
23	53.10	0.355
32	53.07	0.552
140	53.06	0.631
61	53.05	0.749
61	53.04	0.828
<b>Std Dev</b>	<b>53.01</b>	<b>1.000</b>
34	53.01	1.025
16	52.54	4.769

020.40 Total Phosphate		
Lab		Automated
137	52.25	0.000
<b>Median</b>	<b>52.25</b>	<b>0.000</b>

020.99 Total Phosphate		
Lab		Other
275	54.00	-1.340
<b>Std Dev</b>	<b>53.95</b>	<b>-1.000</b>
<b>Median</b>	<b>53.79</b>	<b>0.000</b>
<b>Std Dev</b>	<b>53.63</b>	<b>1.000</b>
47	53.58	1.340

020.XX Total Phosphate		
Lab		Total Method
275	54.00	-5.271
47	53.58	-2.665
32	53.48	-2.049
<b>Std Dev</b>	<b>53.31</b>	<b>-1.000</b>
79	53.29	-0.878
24	53.28	-0.786
79	53.24	-0.570
14	53.21	-0.354
14	53.19	-0.231
24	53.16	-0.046
<b>Median</b>	<b>53.15</b>	<b>0.000</b>

23	53.14	0.046
23	53.10	0.323
32	53.07	0.477
140	53.06	0.539
61	53.05	0.631
61	53.04	0.693
34	53.01	0.847
<b>Std Dev</b>	<b>52.99</b>	<b>1.000</b>
16	52.54	3.774
137	52.25	5.560

030.20 Insoluble Phosphate		
Lab		Spectrometric
61	0.26	-1.545
61	0.25	-1.419
24	0.24	-1.293
<b>Std Dev</b>	<b>0.22</b>	<b>-1.000</b>
24	0.21	-0.914
23	0.15	-0.095
<b>Median</b>	<b>0.14</b>	<b>0.000</b>
16	0.13	0.095
79	0.13	0.095
23	0.13	0.158
79	0.12	0.221
140	0.10	0.536

030.40 Insoluble Phosphate		
Lab		Automated
32	0.17	-0.536
32	0.16	0.000
<b>Median</b>	<b>0.16</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.15</b>	<b>1.000</b>
34	0.14	2.144

030.XX Insoluble Phosphate		
Lab		Total Method
61	0.26	-1.926
61	0.25	-1.759
24	0.24	-1.591
24	0.21	-1.089
<b>Std Dev</b>	<b>0.20</b>	<b>-1.000</b>
32	0.17	-0.335
32	0.16	-0.251
23	0.15	0.000

Median	0.15	0.000
34	0.14	0.084
16	0.13	0.251
79	0.13	0.251
23	0.13	0.335
79	0.12	0.419
140	0.10	0.838

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
32	53.32	-2.343
79	53.16	-1.298
79	53.12	-1.028
Std Dev	53.12	-1.000
24	53.07	-0.657
23	53.00	-0.185
23	52.97	-0.017
Median	52.97	0.000
140	52.97	0.017
24	52.92	0.354
32	52.91	0.388
Std Dev	52.82	1.000
61	52.79	1.197
61	52.79	1.197
16	52.41	3.792

040.99 Indirect Available Phosphate		
Lab	Other	
34	52.87	-1.340
Std Dev	52.86	-1.000
Median	52.85	0.000
Std Dev	52.83	1.000
47	52.83	1.340

040.XX Indirect Available Phosphate		
Lab	Total Method	
32	53.32	-2.379
79	53.16	-1.396
79	53.12	-1.142
Std Dev	53.10	-1.000
24	53.07	-0.793
23	53.00	-0.349
23	52.97	-0.190
140	52.97	-0.159

Median	52.94	0.000
24	52.92	0.159
32	52.91	0.190
34	52.87	0.444
47	52.83	0.729
61	52.79	0.951
61	52.79	0.951
Std Dev	52.78	1.000
16	52.41	3.394

041.20 Direct Available Phosphate		
Lab	Spectrometric	
38	52.19	0.000
Median	52.19	0.000

041.50 Direct Available Phosphate		
Lab	ICP	
63	52.59	-0.321
66	52.31	0.000
Median	52.31	0.000
Std Dev	51.44	1.000
80	50.25	2.359

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
77	53.40	-1.784
Std Dev	52.90	-1.000
103	52.27	0.000
Median	52.27	0.000
137	51.71	0.896

041.XX Direct Available Phosphate		
Lab	Total Method	
77	53.40	-2.985
Std Dev	52.65	-1.000
63	52.59	-0.849
66	52.31	-0.106
103	52.27	0.000
Median	52.27	0.000
38	52.19	0.226
Std Dev	51.89	1.000
137	51.71	1.499
80	50.25	5.360

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
32	48.87	-2.987
79	48.66	-1.893
140	48.53	-1.173
79	48.52	-1.147
Std Dev	48.49	-1.000
32	48.41	-0.533
14	48.38	-0.400
23	48.31	-0.027
Median	48.31	0.000
14	48.30	0.027
61	48.30	0.027
23	48.27	0.187
24	48.23	0.400
24	48.21	0.507
Std Dev	48.12	1.000
61	48.00	1.653
16	47.43	4.667

048.99 Water Soluble Phosphate		
Lab	Other	
34	48.00	0.000
Median	48.00	0.000

048.XX Water Soluble Phosphate		
Lab	Total Method	
32	48.87	-3.122
79	48.66	-1.989
140	48.53	-1.243
79	48.52	-1.216
Std Dev	48.48	-1.000
32	48.41	-0.580
14	48.38	-0.442
23	48.31	-0.055
14	48.30	0.000
61	48.30	0.000
Median	48.30	0.000
23	48.27	0.166
24	48.23	0.387
24	48.21	0.497
Std Dev	48.12	1.000
34	48.00	1.658
61	48.00	1.685

16	47.43	4.807
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

050.51 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Citrate)	
137	0.13	0.000
Median	0.13	0.000

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
24	0.12	0.000
24	0.12	0.000
61	0.12	0.000
Median	0.12	0.000
Std Dev	0.11	1.000
61	0.10	1.340
80	0.10	1.340

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
137	0.13	-1.608
Std Dev	0.12	-1.000
24	0.12	-0.536
24	0.12	-0.536
61	0.12	-0.536
Median	0.12	0.000
23	0.11	0.536
23	0.11	0.536
Std Dev	0.11	1.000
61	0.10	1.608
80	0.10	1.608

060.00 Free Water		
Lab	Vacuum Oven	
16	1.70	-2.687
24	1.67	-2.496
32	1.40	-1.077
Std Dev	1.38	-1.000
32	1.37	-0.946

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24	1.36	-0.867
79	1.20	-0.053
79	1.19	0.000
<b>Median</b>	<b>1.19</b>	<b>0.000</b>
23	1.18	0.079
140	1.13	0.342
23	1.12	0.394
<b>Std Dev</b>	<b>1.00</b>	<b>1.000</b>
34	0.99	1.051
61	0.73	2.444
61	0.66	2.811

060.99		Free Water
Lab		Other
14	1.08	-0.421
14	1.05	0.000
<b>Median</b>	<b>1.05</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.99</b>	<b>1.000</b>
275	0.92	2.259

060.XX		Free Water
Lab		Total Method
16	1.70	-2.282
24	1.67	-2.132
32	1.40	-1.014
<b>Std Dev</b>	<b>1.39</b>	<b>-1.000</b>
32	1.37	-0.911
24	1.36	-0.848
79	1.20	-0.207
79	1.19	-0.166
23	1.18	-0.103
<b>Median</b>	<b>1.15</b>	<b>0.000</b>
140	1.13	0.103
23	1.12	0.145
14	1.08	0.310
14	1.05	0.414
34	0.99	0.662
275	0.92	0.969
<b>Std Dev</b>	<b>0.91</b>	<b>1.000</b>
61	0.73	1.759
61	0.66	2.049

101.30		Acid Soluble Calcium	
Lab	%CaO	ICP	
32	0.80	-2.028	
24	0.76	-1.449	
61	0.75	-1.376	
<b>Std Dev</b>	<b>0.72</b>	<b>-1.000</b>	
32	0.71	-0.797	
61	0.71	-0.724	
14	0.66	-0.072	
<b>Median</b>	<b>0.66</b>	<b>0.000</b>	
14	0.65	0.072	
23	0.65	0.145	
24	0.63	0.362	
23	0.62	0.507	
16	0.61	0.627	
34	0.60	0.869	

101.XX		Acid Soluble Calcium	
Lab	%CaO	Total Method	
32	0.80	-2.028	
24	0.76	-1.449	
61	0.75	-1.376	
<b>Std Dev</b>	<b>0.72</b>	<b>-1.000</b>	
32	0.71	-0.797	
61	0.71	-0.724	
14	0.66	-0.072	
<b>Median</b>	<b>0.66</b>	<b>0.000</b>	
14	0.65	0.072	
23	0.65	0.145	
24	0.63	0.362	
23	0.62	0.507	
16	0.61	0.627	
34	0.60	0.869	

121.30		Acid Soluble Magnesium	
Lab	%MgO	ICP	
23	1.11	0.679	
23	1.10	0.750	
61	1.10	0.750	
<b>Std Dev</b>	<b>1.08</b>	<b>1.000</b>	
16	1.07	1.158	

121.XX		Acid Soluble Magnesium	
Lab	%MgO	Total Method	
14	1.23	-1.108	
14	1.23	-1.108	
<b>Std Dev</b>	<b>1.22</b>	<b>-1.000</b>	
24	1.21	-0.750	
32	1.20	-0.607	
61	1.17	-0.250	
34	1.16	-0.107	
<b>Median</b>	<b>1.15</b>	<b>0.000</b>	
24	1.15	0.107	
32	1.14	0.250	

121.XX		Acid Soluble Magnesium	
Lab	%MgO	Total Method	
14	1.23	-1.108	
14	1.23	-1.108	
<b>Std Dev</b>	<b>1.22</b>	<b>-1.000</b>	
24	1.21	-0.750	
32	1.20	-0.607	
61	1.17	-0.250	
34	1.16	-0.107	
<b>Median</b>	<b>1.15</b>	<b>0.000</b>	
24	1.15	0.107	
32	1.14	0.250	
23	1.11	0.679	
23	1.10	0.750	
61	1.10	0.750	
<b>Std Dev</b>	<b>1.08</b>	<b>1.000</b>	
16	1.07	1.158	

144..01		Sulfate Sulfur (S)	
Lab		Gravimetric	
79	1.46	-1.340	
<b>Std Dev</b>	<b>1.45</b>	<b>-1.000</b>	
<b>Median</b>	<b>1.43</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>1.41</b>	<b>1.000</b>	
79	1.40	1.340	

144.70		Sulfur	
Lab		Spectrometric	
14	1.60	-1.340	
<b>Std Dev</b>	<b>1.60</b>	<b>-1.000</b>	
<b>Median</b>	<b>1.60</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>1.60</b>	<b>1.000</b>	
14	1.60	1.340	

144.99		Sulfate Sulfur (S)	
Lab		Other	
61	1.50	-0.814	
23	1.48	-0.431	

144.XX		Sulfate Sulfur (S)	
Lab		Total Method	
14	1.60	-2.501	
14	1.60	-2.412	
<b>Std Dev</b>	<b>1.52</b>	<b>-1.000</b>	
61	1.50	-0.715	
23	1.48	-0.357	
23	1.48	-0.357	
24	1.46	0.000	
34	1.46	0.000	
79	1.46	0.000	
<b>Median</b>	<b>1.46</b>	<b>0.000</b>	
32	1.46	0.089	
24	1.41	0.983	
61	1.41	0.983	
<b>Std Dev</b>	<b>1.40</b>	<b>1.000</b>	
79	1.40	1.072	
32	1.20	4.735	
16	1.02	7.951	

151.30		Total Arsenic	
Lab		ICP	
61	8.50	0.000	
<b>Median</b>	<b>8.50</b>	<b>0.000</b>	

151.30		Total Arsenic	
Lab		ICP	
61	8.50	0.000	
<b>Median</b>	<b>8.50</b>	<b>0.000</b>	

151.XX		Total Arsenic	
Lab		Total Method	
61	8.50	0.000	
<b>Median</b>	<b>8.50</b>	<b>0.000</b>	

181.30		Total Cadmium	
Lab	PPM	ICP	
61	154.00	-1.072	

Std Dev	153.53	-1.000
61	147.00	0.000
Median	147.00	0.000
Std Dev	140.47	1.000
16	136.50	1.608

181.XX	Total Cadmium	
Lab	PPM	Total Method
61	154.00	-1.072
Std Dev	153.53	-1.000
61	147.00	0.000
Median	147.00	0.000
Std Dev	140.47	1.000
16	136.50	1.608

190.00	Aluminum	
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
14	1.84	-1.722
14	1.80	-1.148
Std Dev	1.78	-1.000
24	1.77	-0.718
32	1.76	-0.646
24	1.74	-0.287
32	1.74	-0.287
Median	1.72	0.000
61	1.70	0.287
34	1.69	0.359
16	1.67	0.639
23	1.66	0.789
61	1.65	0.933
Std Dev	1.65	1.000
23	1.65	1.005

190.XX	Aluminum	
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
14	1.84	-1.722
14	1.80	-1.148
Std Dev	1.78	-1.000
24	1.77	-0.718
32	1.76	-0.646
24	1.74	-0.287
32	1.74	-0.287
Median	1.72	0.000
61	1.70	0.287

34	1.69	0.359
16	1.67	0.639
23	1.66	0.789
61	1.65	0.933
Std Dev	1.65	1.000
23	1.65	1.005

191.30	Total Chromium	
Lab	PPM	ICP
61	588.00	-0.866
16	577.50	0.000
Median	577.50	0.000
Std Dev	565.37	1.000
61	555.50	1.814

191.XX	Total Chromium	
Lab	PPM	Total Method
61	588.00	-0.866
16	577.50	0.000
Median	577.50	0.000
Std Dev	565.37	1.000
61	555.50	1.814

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
61	3.77	-1.162
Std Dev	3.66	-1.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.34	1.000
61	2.00	1.518

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
16	3.77	-1.162
Std Dev	3.66	-1.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.34	1.000
61	2.00	1.518

221.30	Acid Soluble Copper	
Lab	PPM	ICP
61	58.50	-1.471
Std Dev	57.06	-1.000
61	54.00	0.000
Median	54.00	0.000
Std Dev	50.94	1.000
16	50.30	1.209

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
61	58.50	-1.471
Std Dev	57.06	-1.000
61	54.00	0.000
Median	54.00	0.000
Std Dev	50.94	1.000
16	50.30	1.209

241.30	Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
14	1.17	-2.022
14	1.14	-1.503
Std Dev	1.12	-1.000
24	1.12	-0.985
34	1.11	-0.778
24	1.10	-0.570
32	1.07	-0.052
Median	1.07	0.000
23	1.07	0.052
32	1.06	0.156
23	1.05	0.467
16	1.04	0.643
61	1.04	0.674
Std Dev	1.02	1.000
61	1.00	1.400

241.XX	Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
14	1.17	-2.022
14	1.14	-1.503
Std Dev	1.12	-1.000
24	1.12	-0.985
34	1.11	-0.778
24	1.10	-0.570
32	1.07	-0.052
Median	1.07	0.000
23	1.07	0.052
32	1.06	0.156
23	1.05	0.467
16	1.04	0.643
61	1.04	0.674
Std Dev	1.02	1.000
61	1.00	1.400

251.30	Total Lead	
Lab	PPM	ICP
16	3.01	-1.790
Std Dev	2.12	-1.000
61	1.00	0.000
Median	1.00	0.000
61	0.00	0.890

251.XX	Total Lead	
Lab	PPM	Total Method
16	3.01	-1.790
Std Dev	2.12	-1.000
61	1.00	0.000
Median	1.00	0.000
61	0.00	0.890

261.30	Acid Soluble Manganese	
Lab	PPM	ICP
61	192.00	-2.577
Std Dev	184.35	-1.000
61	179.50	0.000
Median	179.50	0.000
16	179.00	0.103

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
61	192.00	-2.577
Std Dev	184.35	-1.000
61	179.50	0.000
Median	179.50	0.000
16	179.00	0.103

281.99	Total Mercury	
Lab	PPM	Other
275	0.00	0.000
Median	0.00	0.000

281.XX	Total Mercury	
Lab	PPM	Total Method
275	0.00	0.000
Median	0.00	0.000

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289.30	Total Molybdenum	
Lab	PPM	ICP

289.XX	Total Molybdenum	
Lab	PPM	Total Method
61	20.00	-0.402
16	19.55	0.000
Median	19.55	0.000
Std Dev	18.43	1.000
61	17.00	2.278

291.30	Total Nickel	
Lab	PPM	ICP

291.XX	Total Nickel	
Lab	PPM	Total Method
61	259.00	-1.386
Std Dev	254.82	-1.000
61	244.00	0.000
Median	244.00	0.000
Std Dev	233.18	1.000
16	230.00	1.294

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

301.XX	Total Selenium	
Lab	PPM	Total Mthod
61	<1	0.000
Median	0.00	0.000

311.99	Sodium	
Lab	%Na <sub>2</sub> O	Other
23	0.17	-1.235
Std Dev	0.16	-1.000
23	0.16	-0.988
24	0.13	-0.218
Median	0.12	0.000
61	0.12	0.218
24	0.10	0.654
61	0.10	0.654

311.XX	Sodium	
Lab	%Na <sub>2</sub> O	Total Method

23	0.17	-1.235
Std Dev	0.16	-1.000
23	0.16	-0.988
24	0.13	-0.218
Median	0.12	0.000
61	0.12	0.218
24	0.10	0.654
61	0.10	0.654

321.30	Acid Soluble Zinc	
Lab	PPM	ICP

61	2125.00	-1.775
Std Dev	2006.49	-1.000
61	1853.50	0.000
Median	1853.50	0.000
16	1715.00	0.905

321.99	Acid Soluble Zinc	
Lab	PPM	Other

38	0.94	0.000
Median	0.94	0.000

321.XX	Acid Soluble Zinc	
Lab	PPM	Total Method

61	2125.00	-0.719
61	1853.50	-0.146
Median	1784.25	0.000
16	1715.00	0.146
Std Dev	1310.45	1.000
38	0.94	3.764

325.10	Fluoride	
Lab	%	Electrode

23	1.63	-0.738
32	1.62	-0.583
24	1.60	-0.350
23	1.59	-0.194
32	1.58	-0.039
Median	1.58	0.000
16	1.58	0.039
24	1.58	0.039
34	1.49	1.359

14	1.36	3.457
14	1.36	3.457

325.99	Fluoride	
Lab	%	Other

61	1.68	-1.340
Median	1.67	0.000
61	1.67	1.340

325.XX	Fluoride	
Lab	%	Total Method

61	1.68	-1.892
61	1.67	-1.787
23	1.63	-0.841
32	1.62	-0.631
24	1.60	-0.315
23	1.59	-0.105
Median	1.59	0.000
32	1.58	0.105
16	1.58	0.210
24	1.58	0.210
34	1.49	1.997
14	1.36	4.835
14	1.36	4.835