

Test	Result	Method, Date, Analyst	Supplemental Info.
<b>Water Test Kit-Anions</b> (For internal lab use)	<i>See below</i>	EPA 300.0A 04/19/17 ALK	
<b>Water Test Kit-Metals (MS)</b> (For internal lab use)	<i>See below</i>	EPA 200.8 04/19/17 NHM	
<b>Water Test Kit-Metals (OES1)</b> (For internal lab use)	<i>See below</i>	EPA 200.7 04/19/17 JHB	
<b>Prep, 1631</b> (For internal lab use)	<b>Completed</b>	EPA 1631E 04/20/17 NHM	
<b>Aluminum, total</b> A common element occasionally found in water in trace amounts. Elevated levels may be associated with forms of dementia, such as Alzheimer's disease.	<b>&lt;0.05 mg/L</b> MCL: [0.050 mg/L] None found (acceptable result)	EPA 200.7 04/19/17 JHB	DB Avg: 0.0956 DB Max: 21.3
<b>Antimony, total</b> A trace element; occasionally found in water in trace amounts. High levels of antimony can increase blood cholesterol and decrease blood glucose.	<b>&lt;0.005 mg/L</b> MCL: 0.006 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0051 DB Max: 0.036
<b>Arsenic, total</b> A trace element; occasionally found in water. High arsenic symptoms may include fatigue, depression, weight loss, hair loss, nausea or white lines across fingernails and toenails.	<b>&lt;0.002 mg/L</b> MCL: 0.01 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0028 DB Max: 0.177
<b>Barium, total</b> A common element; frequently found in water in trace amounts. Elevated levels may increase blood pressure.	<b>0.05 mg/L</b> MCL: 2 mg/L	EPA 200.7 04/19/17 JHB	DB Avg: 0.0764 DB Max: 3.57
<b>Beryllium, total</b> A trace element; occasionally found in water in trace amounts. High levels can cause intestinal lesions.	<b>&lt;0.002 mg/L</b> MCL: 0.004 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.002 DB Max: 0.01
<b>Bismuth, total</b> A trace element; occasionally found in water in trace amounts.	<b>&lt;0.1 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.1017
<b>Boron, total</b> An essential plant nutrient; frequently found in water.	<b>&lt;0.05 mg/L</b> MCL: {0.5-5} mg/L None found (acceptable result)	EPA 200.7 04/19/17 JHB	DB Avg: 0.1363 DB Max: 21.9
<b>Cadmium, total</b> A trace element; occasionally found in water in trace amounts. Elevated levels can cause kidney disease and/or hypertension.	<b>&lt;0.001 mg/L</b> MCL: 0.005 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.001 DB Max: 0.007
<b>Calcium, total</b> A common mineral usually found in water and a primary contributor to water hardness. Calcium is an important nutrient for the human body.	<b>84.7 mg/L</b>	EPA 200.7 04/19/17 JHB	DB Avg: 36.2777 DB Max: 1,250
<b>Cerium, total</b> A trace element; occasionally found in water in trace amounts.	<b>&lt;0.005 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0052 DB Max: 0.616
<b>Cesium, total</b>	<b>&lt;0.02 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0204 DB Max: 0.08
<b>Chromium, hexavalent</b> An industrial contaminant often associated with dye production, wood preservation, or metal plating.	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.7 04/19/17 JHB	DB Avg: 0.0105 DB Max: 0.137

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<b>Chromium, total</b> <i>A common element; occasionally found in water in trace amounts.</i>	<b>&lt;0.01 mg/L</b> <i>MCL: 0.1 mg/L None found (acceptable result)</i>	<i>EPA 200.7 04/19/17 JHB</i>	<i>DB Avg: 0.0103 DB Max: 0.14</i>
<b>Cobalt, total</b> <i>A trace element; occasionally found in water in trace amounts.</i>	<b>&lt;0.02 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.7 04/19/17 JHB</i>	<i>DB Avg: 0.0203 DB Max: 0.24</i>
<b>Copper, total</b>	<b>&lt;0.02 mg/L</b> <i>MCL: 1.3 mg/L None found (acceptable result)</i>	<i>EPA 200.7 04/19/17 JHB</i>	<i>DB Avg: 0.1103 DB Max: 40.1</i>
<b>Dysprosium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0102 DB Max: 0.101</i>
<b>Erbium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101 DB Max: 0.051</i>
<b>Europium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101 DB Max: 0.031</i>
<b>Gallium, total</b>	<b>&lt;0.02 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0204</i>
<b>Germanium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101 DB Max: 0.018</i>
<b>Gold, total</b>	<b>&lt;0.02 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0206 DB Max: 0.788</i>
<b>Hafnium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101 DB Max: 0.015</i>
<b>Holmium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101 DB Max: 0.02</i>
<b>Indium, total</b>	<b>&lt;0.02 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0204</i>
<b>Iridium, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0101</i>
<b>Iron, total</b> <i>A common mineral often found in water, and a minor contributor to hardness. Elevated levels will affect taste and cause staining (laundry, fixtures, etc.).</i>	<b>0.98 mg/L</b> <i>MCL: [0.3 mg/L]</i>	<i>EPA 200.7 04/19/17 JHB</i>	<i>DB Avg: 0.2677 DB Max: 165</i>
<b>Lanthanum, total</b>	<b>&lt;0.01 mg/L</b> <i>None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0103 DB Max: 0.346</i>
<b>Lead, total</b> <i>Frequently found in water made corrosive by softening or demineralizing. Higher levels of Lead can cause abdominal pains, constipation, fatigue or depressed appetite. Long-term exposure may cause nerve or kidney damage, anemia, or learning disabilities in children.</i>	<b>&lt;0.001 mg/L</b> <i>MCL: 0.015 mg/L None found (acceptable result)</i>	<i>EPA 200.8 04/19/17 NHM</i>	<i>DB Avg: 0.0069 DB Max: 3.1</i>

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<b>Lithium, total</b> <i>A common ion; occasionally found in water.</i>	<b>&lt;0.05 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.7 04/19/17 JHB	DB Avg: 0.0567 DB Max: 3.92
<b>Lutetium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Magnesium, total</b> <i>A common mineral usually found in water, and a primary contributor to hardness.</i>	<b>45.1 mg/L</b>	EPA 200.7 04/19/17 JHB	DB Avg: 11.5059 DB Max: 954
<b>Manganese, total</b> <i>A common element occasionally found in water; an essential mineral and a minor contributor to hardness. Elevated manganese levels can disrupt the nervous system and regeneration of hemoglobin.</i>	<b>0.071 mg/L</b> MCL: [0.05 mg/L]	EPA 200.7 04/19/17 JHB	DB Avg: 0.0748 DB Max: 281
<b>Mercury by EPA 1631</b> <i>A toxic, trace element. Mercury can cause kidney disease.</i>	<b>&lt;0.025 ug/L</b> MCL: 2 ug/L <i>None found (acceptable result)</i>	EPA 1631E 04/20/17 NHM	DB Avg: 0.026 DB Max: 1.74
<b>Molybdenum, total</b> <i>A trace element; occasionally found in water in trace amounts.</i>	<b>&lt;0.02 mg/L</b> MCL: {0.07} mg/L <i>None found (acceptable result)</i>	EPA 200.7 04/19/17 JHB	DB Avg: 0.0215 DB Max: 6.93
<b>Neodymium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0103 DB Max: 0.31
<b>Nickel, total</b> <i>A common element; occasionally found in water in trace amounts. Elevated levels may cause dermatitis or nasal irritation.</i>	<b>&lt;0.02 mg/L</b> MCL: 0.1 mg/L <i>None found (acceptable result)</i>	EPA 200.7 04/19/17 JHB	DB Avg: 0.0228 DB Max: 2.6
<b>Niobium, total</b>	<b>&lt;0.05 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0511
<b>Palladium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101 DB Max: 0.014
<b>Phosphorus, total, by ICP</b> <i>A common element and essential nutrient; occasionally found in water. Phosphates are sometimes added to water to reduce the corrosion of metal pipes.</i>	<b>&lt;0.5 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.7 04/19/17 JHB	DB Avg: 0.5573 DB Max: 159
<b>Platinum, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Potassium, total</b> <i>A common ion usually found in water.</i>	<b>1.5 mg/L</b>	EPA 200.7 04/19/17 JHB	DB Avg: 3.5397 DB Max: 901
<b>Praseodymium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0102 DB Max: 0.081
<b>Rhenium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Rhodium, total</b>	<b>&lt;0.01 mg/L</b>  <i>None found (acceptable result)</i>	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101

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<b>Rubidium, total</b> A trace element; occasionally found in water in trace amounts.	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0112 DB Max: 1.61
<b>Ruthenium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Samarium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0102 DB Max: 0.082
<b>Scandium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Selenium, total</b> A trace element and essential mineral; occasionally found in water in trace amounts. High levels may cause hair or fingernail loss, numbness in fingers and toes, or circulatory problems.	<b>&lt;0.005 mg/L</b> MCL: 0.05 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0052 DB Max: 0.143
<b>Silicon, total</b> A likely dietary requirement for several organisms including humans.	<b>7.0 mg/L</b>	EPA 200.7 04/19/17 JHB	DB Avg: 7.575 DB Max: 18.6
<b>Silver, total</b> A trace element; occasionally found in water in trace amounts. Higher levels may cause discoloring of the skin.	<b>&lt;0.005 mg/L</b> MCL: [0.1 mg/L] None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0083 DB Max: 30
<b>Sodium, total</b> A common ion usually found in water. Low-sodium diets should be under 20 mg/L. Water softeners that use sodium chloride for regeneration will increase the amount of sodium in the softened water.	<b>10.3 mg/L</b> MCL: [20 mg/L]	EPA 200.7 04/19/17 JHB	DB Avg: 55.7884 DB Max: 2,030
<b>Strontium, total</b> A common element; frequently found in water.	<b>0.1 mg/L</b> MCL: {1.5} mg/L	EPA 200.7 04/19/17 JHB	DB Avg: 0.404 DB Max: 38.8
<b>Sulfur, total, by ICP</b> Commonly present in the form of sulfate; occasionally present in the form of sulfide, which produces a "rotten egg" odor.	<b>36.8 mg/L</b>	EPA 200.7 04/19/17 JHB	DB Avg: 17.3761 DB Max: 1,550
<b>Tantalum, total</b>	<b>&lt;0.05 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0511
<b>Tellurium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101
<b>Terbium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101 DB Max: 0.019
<b>Thallium, total</b> A trace element; seldom found in water. Elevated levels can cause hair loss, changes in the blood, or kidney, digestive, or liver problems.	<b>&lt;0.002 mg/L</b> MCL: 0.002 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.002 DB Max: 0.009
<b>Thorium, total</b>	<b>&lt;0.02 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0204 DB Max: 0.022
<b>Thulium, total</b>	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101

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<b>Tin, total</b>  	<b>&lt;0.1 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.1022 DB Max: 3.7
<b>Titanium, total</b>  	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0106 DB Max: 0.432
<b>Tungsten, total</b>  	<b>&lt;0.05 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0511 DB Max: 0.185
<b>Uranium, total</b> A naturally-occurring radioactive element occasionally found in water and a potential indicator of other radioactive problems. Uranium is primarily a chemical toxicant, with radiation playing a small role, or no role at all.	<b>&lt;0.005 mg/L</b> MCL: 0.03 mg/L None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0139 DB Max: 2.14
<b>Vanadium, total</b> A trace element; occasionally found in water in trace amounts. Vanadium may cause respiratory problems and inhibit sodium and potassium in ATP production.	<b>&lt;0.02 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0205 DB Max: 0.312
<b>Ytterbium, total</b>  	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0101 DB Max: 0.038
<b>Yttrium, total</b>  	<b>&lt;0.01 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0103 DB Max: 0.575
<b>Zinc, total</b> A common element frequently found in water in trace amounts; often found in water from plumbing systems containing galvanized (zinc-plated) piping.	<b>&lt;0.02 mg/L</b> MCL: [5 mg/L] None found (acceptable result)	EPA 200.7 04/19/17 JHB	DB Avg: 0.1286 DB Max: 18.7
<b>Zirconium, total</b>  	<b>&lt;0.05 mg/L</b>  None found (acceptable result)	EPA 200.8 04/19/17 NHM	DB Avg: 0.0515 DB Max: 4
<b>Bacteria, E. coli</b> 4% of kit samples are tested Positive.	<b>Negative</b>  Negative indicates this bacteria was not detected by this screening method.	SM 9223 B 04/19/17 EIF	
<b>Bacteria, total coliform</b> 39% of kit samples are tested Positive, often due to a dirty faucet aerator and/or improper sampling.	<b>Negative</b>  Negative indicates this bacteria was not detected by this screening method.	SM 9223 B 04/19/17 EIF	
<b>Alkalinity (as CaCO3)</b> A collective measure of the ability of water to maintain pH, or more specifically, to neutralize acid. Typically falls in a 100-400 mg/L range.	<b>296 mg/L</b>	SM 2320 B 04/19/17 JWW	DB Avg: 144.227 DB Max: 1,520
<b>Bicarbonate (as CaCO3)</b> A common mineral usually found in water, and the primary contributor to alkalinity.	<b>295 mg/L</b>	SM 2320 B 04/21/17 LIM	DB Avg: 142.2003 DB Max: 1,400
<b>Bromide</b> A common ion frequently found in water and a byproduct of bromine disinfection.	<b>&lt;0.1 mg/L</b>  None found (acceptable result)	EPA 300.0A 04/19/17 ALK	DB Avg: 0.1758 DB Max: 152
<b>Carbonate (as CaCO3)</b> A common mineral frequently found in water, and a minor contributor to alkalinity.	<b>1.10 mg/L</b>	SM 2320 B 04/21/17 LIM	DB Avg: 1.9524 DB Max: 207
<b>Chlorate</b> A disinfection biproduct occasionally found in a chlorinated water.	<b>&lt;0.1 mg/L</b> MCL: {0.7} mg/L None found (acceptable result)	EPA 300.0A 04/19/17 ALK	DB Avg: 0.1604 DB Max: 58.4

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<b>Chloride</b> A common ion usually found in water. Higher levels may impart a salty taste, weaken metal plumbing or inhibit plant growth.	<b>37.1 mg/L</b> <i>MCL: [250 mg/L]</i>	EPA 300.0A 04/19/17 ALK	<i>DB Avg: 48.4354</i> <i>DB Max: 3,500</i>
<b>Color</b> Usually a faint yellow color, often due to iron but occasionally due to tannins from plant material.	<b>35 color units</b> <i>MCL: [15 c.u.]</i>	SM 2120 B 04/20/17 EIF	<i>DB Avg: 7.9111</i> <i>DB Max: 50</i>
<b>Conductivity</b> A measure of the water's ability to conduct electricity; often used as an indicator of total dissolved solids.	<b>794 micromhos/cm</b>	SM 2510 B 04/19/17 JWW	<i>DB Avg: 518.7986</i> <i>DB Max: 12,300</i>
<b>Corrosivity, Langelier Index</b> A measure of the water's tendency to corrode metal or form mineral scale. A negative value indicates a tendency to corrode, and a positive value indicates a tendency to form scale. A value near zero is neutral. A thin coating of scale inside a metal pipe may help protect it from corrosion.	<b>0.5 S.U.</b>	SM 2330 B 04/21/17 LIM	<i>DB Avg: -0.6781</i> <i>DB Max: 2.7</i>
<b>Corrosivity, Ryznar Index</b> A measure of the water's tendency to corrode metal or form mineral scale. A value greater than 8.0 indicates a tendency to corrode, and a value less than 7.0 indicates a tendency to form scale. A value near 7.5 is neutral. A thin coating of scale inside a metal pipe may help protect it from corrosion.	<b>6.6 S.U.</b>	SM 2330 B 04/21/17 LIM	<i>DB Avg: 9.0105</i> <i>DB Max: 20.6</i>
<b>Fluoride</b> A common ion, sometimes found naturally in water, but usually added to municipal waters to prevent tooth decay.	<b>&lt;0.1 mg/L</b> <i>MCL: 4 mg/L [2]</i> <i>None found (acceptable result)</i>	EPA 300.0A 04/19/17 ALK	<i>DB Avg: 0.4043</i> <i>DB Max: 169</i>
<b>Hardness</b> The combined effect produced mostly by naturally-occurring calcium and magnesium in the water. Hardness classifications: soft (0-17 mg/L), slightly hard (18-60 mg/L), moderately hard (61-120 mg/L), hard (121-180 mg/L) and very hard (>180 mg/L).	<b>397 mg/L (as CaCO3)</b>	SM 2340 B 04/20/17 LIM	<i>DB Avg: 137.9677</i> <i>DB Max: 4,990</i>
<b>Hardness (gpg)</b> Another way to express hardness. Hardness classifications: soft (0-1.0 gpg), slightly hard (1.1-3.5 gpg), moderately hard (3.6-7.0 gpg), hard (7.1-10.5 gpg) and very hard (>10.6 gpg). 1 gpg = 17.12 mg CaCO3/L.	<b>23.2 grains/gallon</b>	SM 2340 B 04/20/17 LIM	<i>DB Avg: 8.0694</i> <i>DB Max: 291</i>
<b>Nitrogen, nitrate</b>	<b>&lt;0.1 mg/L</b> <i>MCL: 10 mg/L</i> <i>None found (acceptable result)</i>	EPA 300.0A 04/19/17 ALK	<i>DB Avg: 1.124</i> <i>DB Max: 98.9</i>
<b>Nitrogen, nitrite</b>	<b>&lt;0.1 mg/L</b> <i>MCL: 1 mg/L</i> <i>None found (acceptable result)</i>	EPA 300.0A 04/19/17 ALK	<i>DB Avg: 0.1349</i> <i>DB Max: 9.5</i>
<b>Orthophosphate</b> A corrosion-inhibiting chemical sometimes used in public water supplies to reduce Lead concentrations.	<b>&lt;0.1 mg/L</b> <i>None found (acceptable result)</i>	EPA 300.0A 04/19/17 ALK	<i>DB Avg: 0.4488</i> <i>DB Max: 120</i>
<b>PH</b> A measure of whether a water is acidic or basic. Usually between 6.5 and 8.5.	<b>7.6 S.U.</b> <i>MCL: 6.5-8.5su</i>	SM 4500-H B 04/19/17 JWW	<i>DB Avg: 7.624</i> <i>DB Max: 11.4</i>
<b>Salinity</b> The dissolved salts in water. Public water supplies are typically under 0.5ppt.	<b>0.398 ppt</b>	SM 2520 B 04/21/17 LIM	<i>DB Avg: 24.9201</i> <i>DB Max: 2,920</i>
<b>Silica (calc. from Silicon)</b> A common mineral; some dissolved silica is often found naturally in water. This result was calculated from the "Silicon, total" test and provides the theoretical maximum Silica concentration.	<b>15.0 mg/L</b>	EPA 200.7 04/19/17 LIM	<i>DB Avg: 15.373</i> <i>DB Max: 132</i>
<b>Sodium ads. ratio, adjusted</b> Many soil scientists recommend that the Adjusted SAR value be used for waters high in calcium or bicarbonate; primarily groundwater used for crop irrigation.	<b>0.27</b>	KAR 04/21/17 LIM	<i>DB Avg: 6.4337</i> <i>DB Max: 146</i>
<b>Sodium adsorption ratio</b> Farmers use this index to evaluate the sodium-loading potential in an irrigated soil. Irrigation water with a high SAR value may cause soil dispersion, crusting, poor seedling emergence, slower infiltration and percolation rates, and poor aeration.	<b>0.22</b>	KAR 04/21/17 LIM	<i>DB Avg: 8.7299</i> <i>DB Max: 260</i>

<b>Sulfate</b> <i>A common ion usually found in water. A low level actually improves taste and is an additive in some beverages. High levels can cause aesthetic problems or a laxative effect.</i>	<b>105 mg/L</b> <i>MCL: [250 mg/L]</i>	<i>EPA 300.0A</i> <i>04/19/17</i> <i>ALK</i>	<i>DB Avg: 49.7536</i> <i>DB Max: 4,860</i>
<b>Turbidity</b> <i>Turbidity is a measure of the cloudiness in the water and is influenced by the amount and nature of suspended organic and inorganic material in water. The source could be fine sand, silt, clay, organic material, particles of iron and manganese or other metal oxides, rust from corroding piping, or carbonate precipitates.</i>	<b>17.1 NTU</b> <i>MCL: {0.3}</i>	<i>SM 2130 B</i> <i>04/19/17</i> <i>MID</i>	<i>DB Avg: 3.4573</i> <i>DB Max: 686</i>
<b>Tot. diss. solids, estimated</b> <i>An estimate of all salts and minerals dissolved in the water. High levels can leave residues on fixtures.</i>	<b>530 mg/L</b> <i>MCL: [500 mg/L]</i>	<i>EPA 120.1</i> <i>04/21/17</i> <i>LIM</i>	<i>DB Avg: 354.6237</i> <i>DB Max: 11,100</i>