To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.
To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system — before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

### Main Water System

#### Test Results by Water Quality Zone

<table>
<thead>
<tr>
<th>Zones</th>
<th>Hardness (mg/L*) 86 SP</th>
<th>Sodium (mg/L*) 86 SP</th>
<th>Nitrate-N (mg/L*) 86 SP</th>
<th>Fluoride (mg/L*) 86 SP</th>
<th>pH Level (S.U.) 246 SP</th>
<th>Minerals (mg/L*) 246 SP</th>
<th>Temperature (deg°F) 246 SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>166</td>
<td>51</td>
<td>1.31</td>
<td>0.42</td>
<td>7.8</td>
<td>440</td>
<td>86.0</td>
</tr>
<tr>
<td>2</td>
<td>257</td>
<td>70</td>
<td>0.70</td>
<td>0.35</td>
<td>7.7</td>
<td>540</td>
<td>83.6</td>
</tr>
<tr>
<td>3</td>
<td>250</td>
<td>69</td>
<td>0.99</td>
<td>0.44</td>
<td>7.9</td>
<td>512</td>
<td>83.9</td>
</tr>
<tr>
<td>4</td>
<td>241</td>
<td>67</td>
<td>0.70</td>
<td>0.32</td>
<td>7.7</td>
<td>511</td>
<td>84.1</td>
</tr>
<tr>
<td>5</td>
<td>221</td>
<td>62</td>
<td>0.82</td>
<td>0.32</td>
<td>7.6</td>
<td>484</td>
<td>83.4</td>
</tr>
<tr>
<td>6</td>
<td>218</td>
<td>58</td>
<td>1.41</td>
<td>0.29</td>
<td>7.7</td>
<td>472</td>
<td>84.1</td>
</tr>
<tr>
<td>7</td>
<td>227</td>
<td>61</td>
<td>1.18</td>
<td>0.34</td>
<td>7.7</td>
<td>438</td>
<td>86.3</td>
</tr>
<tr>
<td>8</td>
<td>243</td>
<td>62</td>
<td>1.88</td>
<td>0.49</td>
<td>7.5</td>
<td>490</td>
<td>86.6</td>
</tr>
<tr>
<td>9</td>
<td>254</td>
<td>67</td>
<td>1.12</td>
<td>0.41</td>
<td>7.6</td>
<td>508</td>
<td>85.3</td>
</tr>
<tr>
<td>10</td>
<td>252</td>
<td>71</td>
<td>0.64</td>
<td>0.32</td>
<td>7.7</td>
<td>499</td>
<td>84.8</td>
</tr>
<tr>
<td>Avg</td>
<td>234</td>
<td>64</td>
<td>1.09</td>
<td>0.37</td>
<td>7.7</td>
<td>491</td>
<td>84.6</td>
</tr>
</tbody>
</table>

* mg/L means milligrams per liter  
1 mg/L = 1 teaspoon in 1,302 gallons  
S.U. = Sample Units  
SP = Sample Points  
deg°F = Degrees Fahrenheit

### Chlorine Levels

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

- **EPA Standard Maximum**
- **Utility Range**
- **Results:** (247 samples)

- 4.0 mg/L
- 1.2 mg/L
- 0.9 mg/L
- 0.8 mg/L

### Bacteria Testing

The EPA standard is 0 positive test results across samples.

- **Total Coliform positive results (247 samples)**: 0
- **E. Coli positive results (247 samples)**: 0
- **Follow-up assessment required?** no
June 2018

Tucson Water also monitors water quality at 9 separate and distinct community systems served solely by local groundwater wells—not from the main water distribution system. Hundreds of individual tests are conducted each year on these community distribution systems to ensure well water is clean and safe.

**Corona de Tucson Water System**

Corona de Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 connections supplying about 7,300 persons with water from three wells.

**Catalina Water System**

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.

**TEST RESULTS from up to 9 Sample Points (SP)**

<table>
<thead>
<tr>
<th>Hardness (mg/L)</th>
<th>Sodium (mg/L)</th>
<th>Nitrate-N (mg/L)</th>
<th>Fluoride (mg/L)</th>
<th>pH Level</th>
<th>Minerals (mg/L)</th>
<th>Temperature (deg F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>152</td>
<td>46</td>
<td>1.35</td>
<td>0.48</td>
<td>7.7</td>
<td>311</td>
<td>91.2</td>
</tr>
</tbody>
</table>

*mg/L means milligrams per liter. 1 mg/L = 1 teaspoon in 1,302 gallons. S.U. = Sample Units. SP = Sample Points. deg°F = Degrees Fahrenheit.

**Bacteria Testing**
The EPA standard is 0 positive test results across samples.

- Total Coliform positive results (9 samples) ...................... 0
- E. Coli positive results (9 samples) .............................. 0
- Follow-up assessment required? ...................................... no

**Chlorine Levels**

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

**EPA Standard Maximum**

Utility Range

Results: (9 samples) .................................................. 4.0 mg/L

**Utility Range**

Results: (2 samples) .................................................. 1.2 mg/L
June 2018

Tucson Water also monitors water quality at 9 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community distribution systems to ensure well water is clean, safe and secure.

Diamond Bell Water System

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively, with about 200 connections supplying about 570 persons with water from two wells.

Rancho del Sol Lindo & White Fence Farms Water System

Rancho del Sol Lindo is a community located southwest of Silverbell Road and North Trico Road. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 persons with water from two wells.

**TEST RESULTS from 1 Sample Point (SP)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value 1 SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness (mg/L)</td>
<td>109</td>
</tr>
<tr>
<td>Sodium (mg/L)</td>
<td>28</td>
</tr>
<tr>
<td>Nitrate-N (mg/L)</td>
<td>1.58</td>
</tr>
<tr>
<td>Fluoride (mg/L)</td>
<td>0.29</td>
</tr>
<tr>
<td>pH Level (S.U.)</td>
<td>7.6</td>
</tr>
<tr>
<td>Minerals (mg/L)</td>
<td>213</td>
</tr>
<tr>
<td>Temperature (deg°F)</td>
<td>88.5</td>
</tr>
</tbody>
</table>

* mg/L means milligrams per liter. 1 mg/L = 1 teaspoon in 1,302 gallons
S.U. = Sample Units  SP = Sample Points  deg°F = Degrees Fahrenheit

**BACTERIA TESTING**

The EPA standard is 0 positive test results across samples.
- Total Coliform positive results (1 sample) ....................... 0
- E. Coli positive results (1 sample) .............................. 0
- Follow-up assessment required? .................................. no

**CHLORINE LEVELS**

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.
- EPA Standard Maximum ........................................... 4.0 mg/L
- Utility Range ......................................................
  - Results: (1 sample) ...........................................

**TEST RESULTS from up to 3 Sample Points (SP)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value 1 SP</th>
<th>Value 2 SP</th>
<th>Value 3 SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness (mg/L)</td>
<td>143</td>
<td>109</td>
<td>303</td>
</tr>
<tr>
<td>Sodium (mg/L)</td>
<td>40</td>
<td>28</td>
<td>40</td>
</tr>
<tr>
<td>Nitrate-N (mg/L)</td>
<td>3.72</td>
<td>0.75</td>
<td>7.7</td>
</tr>
<tr>
<td>Fluoride (mg/L)</td>
<td>0.75</td>
<td>0.75</td>
<td>0.75</td>
</tr>
<tr>
<td>pH Level (S.U.)</td>
<td>1.0</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>Minerals (mg/L)</td>
<td>303</td>
<td>303</td>
<td>303</td>
</tr>
<tr>
<td>Temperature (deg°F)</td>
<td>88.1</td>
<td>88.5</td>
<td>88.1</td>
</tr>
</tbody>
</table>

* mg/L means milligrams per liter. 1 mg/L = 1 teaspoon in 1,302 gallons
S.U. = Sample Units  SP = Sample Points  deg°F = Degrees Fahrenheit

**BACTERIA TESTING**

The EPA standard is 0 positive test results across samples.
- Total Coliform positive results (3 samples) ....................... 0
- E. Coli positive results (3 samples) .............................. 0
- Follow-up assessment required? .................................. no

**CHLORINE LEVELS**

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.
- EPA Standard Maximum ........................................... 4.0 mg/L
- Utility Range ......................................................
  - Results: (3 samples) ...........................................
June 2018

Tucson Water also monitors water quality at 9 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community distribution systems to ensure well water is clean, safe and secure.

Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.

Silverbell West Water System

The Silverbell West system has 83 connections serving approximately 230 people from one well.

TEST RESULTS from 1 Sample Point (SP)

<table>
<thead>
<tr>
<th>Hardness (mg/L)</th>
<th>Sodium (mg/L)</th>
<th>Nitrate-N (mg/L)</th>
<th>Fluoride (mg/L)</th>
<th>pH Level</th>
<th>Minerals (mg/L)</th>
<th>Temperature (deg°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>214</td>
<td>37</td>
<td>1.69</td>
<td>0.49</td>
<td>7.7</td>
<td>320</td>
<td>90.0</td>
</tr>
</tbody>
</table>

* mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
S.U. = Sample Units  SP = Sample Points deg°F = Degrees Fahrenheit

Bacteria Testing

The EPA standard is 0 positive test results across samples.

Total Coliform positive results (1 sample)..........................0
E. Coli positive results (1 sample)....................................0
Follow-up assessment required?.......................................no

Chlorine Levels

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum .................................4.0 mg/L
Utility Range ........................................1.2 mg/L

Results: (1 sample)........................................0.8 mg/L

Results: (1 sample)........................................0.7 mg/L
**June 2018**

*Tucson Water also monitors water quality at 9 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community distribution systems to ensure well water is clean, safe and secure.*

---

**Thunderhead Ranch Water System**

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.

---

**Tucson Police-Fire Academy Water System**

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.

---

### TEST RESULTS from 1 Sample Point (SP)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium (mg/L)</td>
<td>13</td>
</tr>
<tr>
<td>Nitrate-N (mg/L)</td>
<td>0.16</td>
</tr>
<tr>
<td>Fluoride (mg/L)</td>
<td>0.19</td>
</tr>
<tr>
<td>pH Level (S.U.)</td>
<td>7.8</td>
</tr>
<tr>
<td>Minerals (mg/L)</td>
<td>145</td>
</tr>
<tr>
<td>Temperature (deg°F)</td>
<td>89.6</td>
</tr>
</tbody>
</table>

---

### BACTERIA TESTING

The EPA standard is 0 positive test results across samples.

- Total Coliform positive results (1 sample).............. 0
- E. Coli positive results (1 sample) ..................... 0
- Follow-up assessment required? ......................... no

---

### CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

- **EPA Standard Maximum**
  - 4.0 mg/L
  - 1.2 mg/L

- **Utility Range**
  - 1.2 mg/L
  - 0.8 mg/L

- **Results: (1 sample)**
  - 0.8 mg/L

---

### TEST RESULTS from 1 Sample Point (SP)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium (mg/L)</td>
<td>41</td>
</tr>
<tr>
<td>Nitrate-N (mg/L)</td>
<td>0.8</td>
</tr>
<tr>
<td>Fluoride (mg/L)</td>
<td>0.3</td>
</tr>
<tr>
<td>pH Level (S.U.)</td>
<td>7.4</td>
</tr>
<tr>
<td>Minerals (mg/L)</td>
<td>351</td>
</tr>
<tr>
<td>Temperature (deg°F)</td>
<td>80.1</td>
</tr>
</tbody>
</table>

---

### BACTERIA TESTING

The EPA standard is 0 positive test results across samples.

- Total Coliform positive results (1 sample).............. 0
- E. Coli positive results (1 sample) ..................... 0
- Follow-up assessment required? ......................... no

---

### CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

- **EPA Standard Maximum**
  - 4.0 mg/L
  - 1.2 mg/L

- **Utility Range**
  - 1.2 mg/L
  - 0.8 mg/L

- **Results: (1 sample)**
  - 0.8 mg/L
Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.

Tucson Water also monitors water quality at 9 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community distribution systems to ensure well water is clean, safe and secure.

June 2018

**Valley View Acres Water System**

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.

**TEST RESULTS from 1 Sample Point (SP)**

<table>
<thead>
<tr>
<th>Hardness (mg/L)</th>
<th>Sodium (mg/L)</th>
<th>Nitrate-N (mg/L)</th>
<th>Fluoride (mg/L)</th>
<th>pH Level (S.U.)</th>
<th>Minerals (mg/L)</th>
<th>Temperature (deg°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>112</td>
<td>43</td>
<td>1.77</td>
<td>0.61</td>
<td>7.5</td>
<td>263</td>
<td>86.4</td>
</tr>
</tbody>
</table>

* mg/L means milligrams per liter  1 mg/L = 1 teaspoon in 1,302 gallons  
S.U. = Sample Units  SP = Sample Points  deg°F = Degrees Fahrenheit

**BACTERIA TESTING**

The EPA standard is 0 positive test results across samples.

Total Coliform positive results (1 sample) .................... 0  
E. Coli positive results (1 sample) ............................ 0  
Follow-up assessment required? .................................. no

**CHLORINE LEVELS**

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum ........................................... 4.0 mg/L  
Utility Range .................................................. 1.2 mg/L  
Results: (1 sample) ........................................... 0.8 mg/L