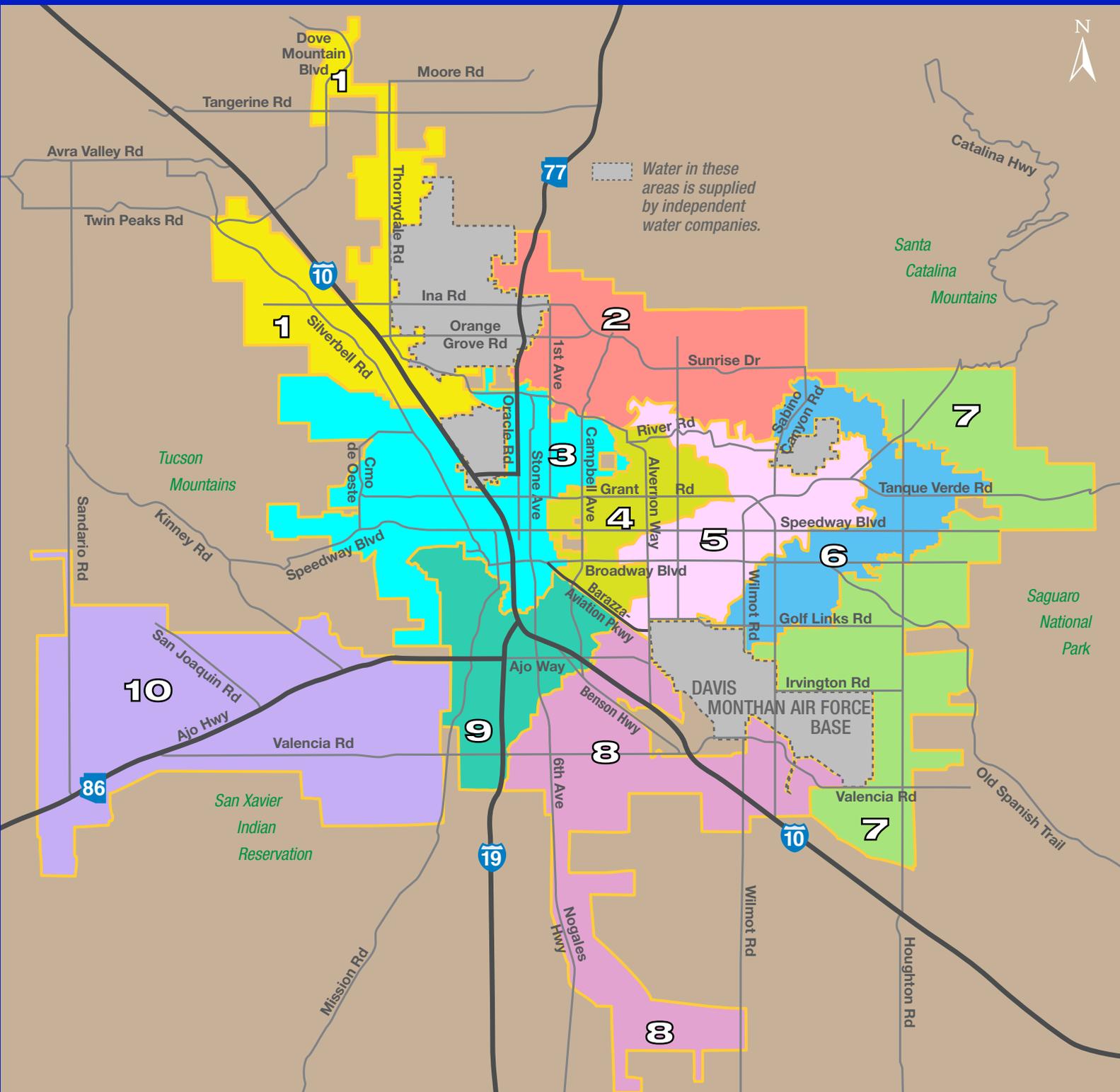


September 2014

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



September 2014

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Main Water System

TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L*) 88 SP	Sodium (mg/L*) 86 SP	Nitrate-N (mg/L*) 86 SP	Fluoride (mg/L*) 86 SP	pH Level (S.U.) 247 SP	Temperature (deg°F) 247 SP
1	224	70	1.42	0.42	7.8	87.6
2	237	65	0.85	0.40	7.9	85.9
3	212	60	1.14	0.38	8.0	85.5
4	244	65	0.79	0.40	7.9	86.0
5	234	62	0.98	0.41	7.8	85.4
6	237	63	0.98	0.42	7.8	85.8
7	222	59	1.11	0.41	7.9	87.4
8	216	55	1.96	0.55	7.7	87.0
9	242	66	0.88	0.39	7.8	86.1
10	223	65	1.20	0.38	7.8	86.2
Avg	229	62	1.12	0.42	7.9	86.1

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points

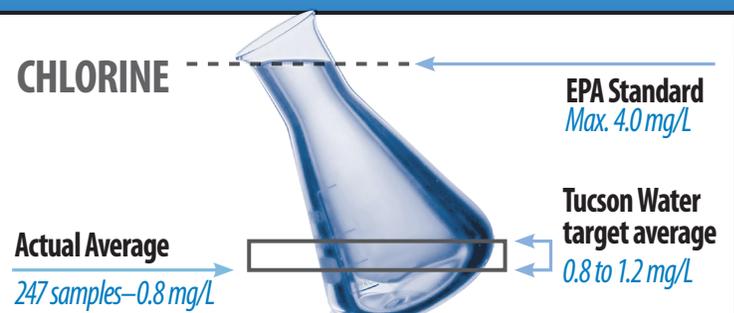
COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standards
for positive
samples
Positive
results
247 samples



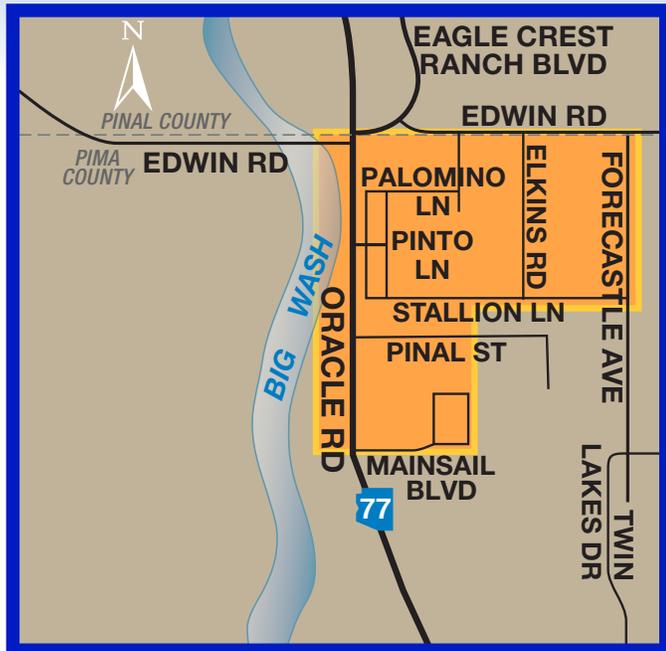
CHLORINE



Tucson Water also monitors water quality at 10 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 wells to ensure well water is clean, safe and secure.

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 2 Sample Points

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
88	23	0.66	0.53	8.1	88.4

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

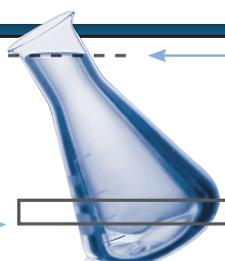


CHLORINE

Actual Average
0.8 mg/L

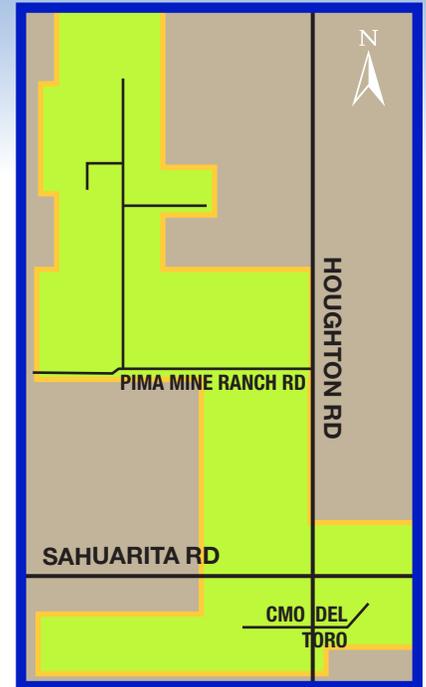
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L



Corona de Tucson Water System

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



TEST RESULTS from 9 Sample Points

Hardness (mg/L*) 2SP	Sodium (mg/L*) 2SP	Nitrate-N (mg/L*) 2SP	Fluoride (deg°F) 2SP	pH Level (S.U.) 8SP	Temperature (deg°F) 8SP
213	51	0.98	0.38	7.5	87.1

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive results

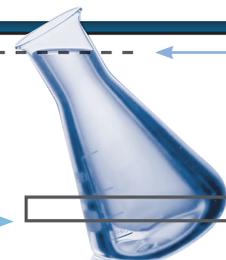


CHLORINE

Actual Average
0.8 mg/L

EPA Standard
Max. 4.0 mg/L

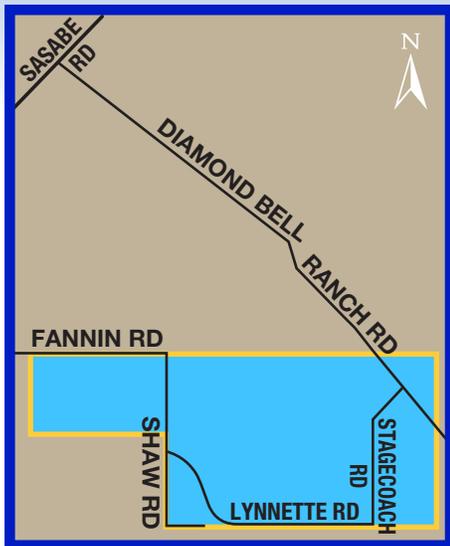
Tucson Water target average
0.8 to 1.2 mg/L



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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.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
114	30	1.61	0.29	7.9	84.9

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples
Positive result



CHLORINE

Actual
1.0 mg/L

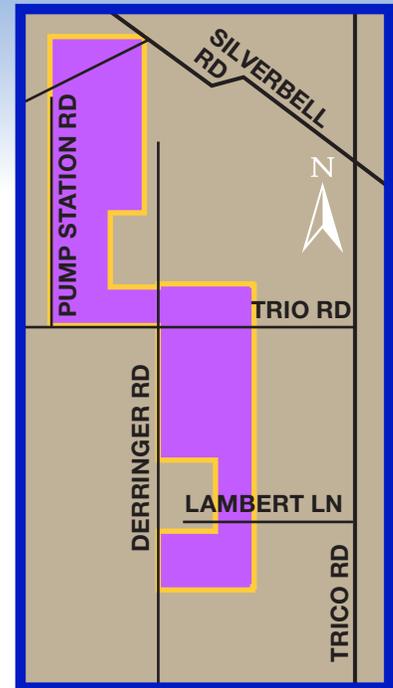


EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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 3 Sample Points

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
222	57	6.13	0.77	7.7	90.6

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

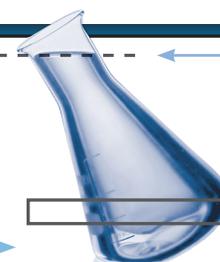
The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples
Positive results



CHLORINE

Actual Average
0.3 mg/L



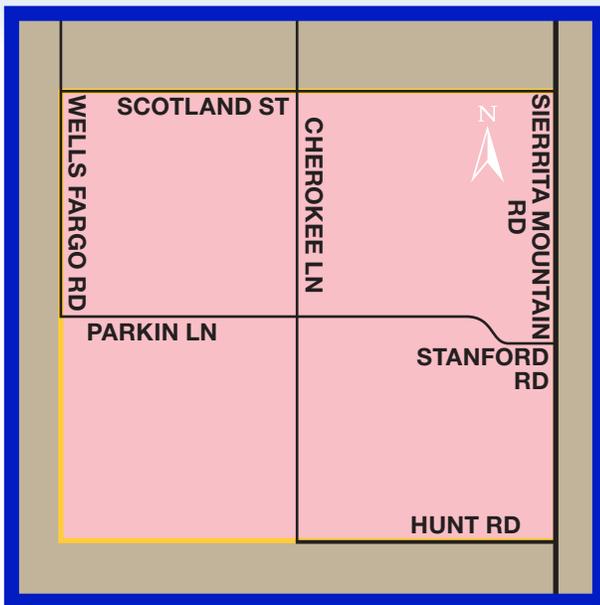
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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Sierrita Foothills Water System

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



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
94	38	1.72	0.47	8.1	83.3

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

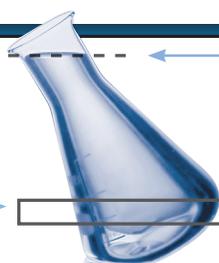
EPA standard for positive samples

Positive result



CHLORINE

Actual
1.1 mg/L

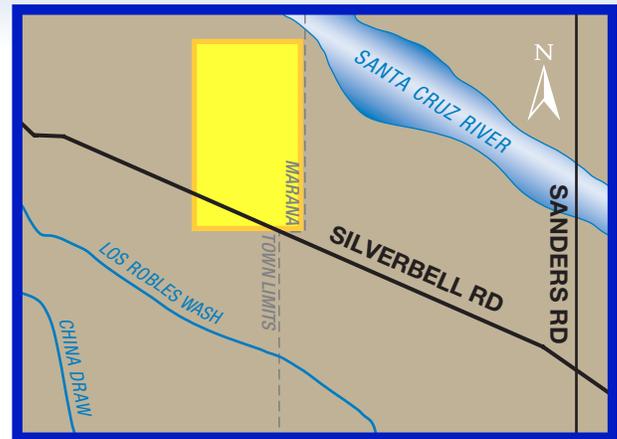


EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

Silverbell West Water System

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



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
335	85	2.17	0.49	7.5	88.0

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

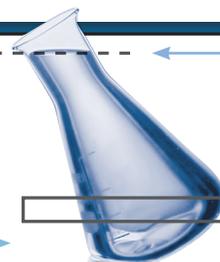
EPA standard for positive samples

Positive result



CHLORINE

Actual 0.6 mg/L



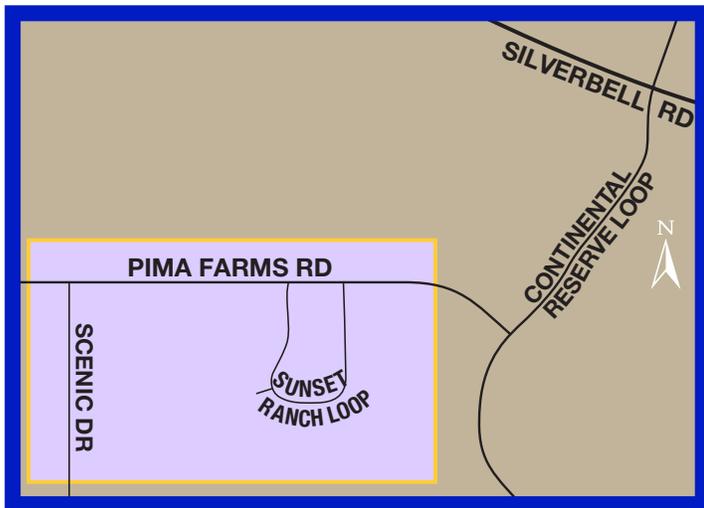
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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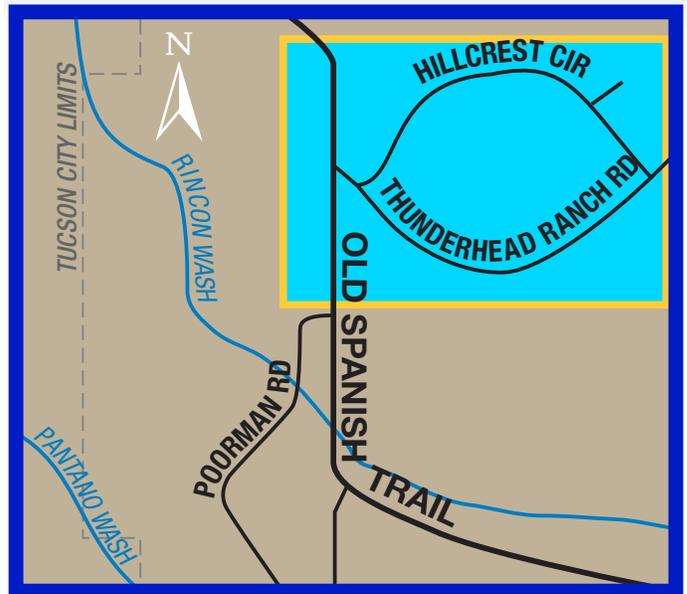
Sunset Ranch Water System

The Sunset Ranch system is a unique water system serving approximately 30 homes. This is the only Tucson Water system where water is not supplied by a Tucson Water well; the Town of Marana supplies water to the Sunset Ranch system.



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.



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
279	115	4.12	0.66	7.3	83.3

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

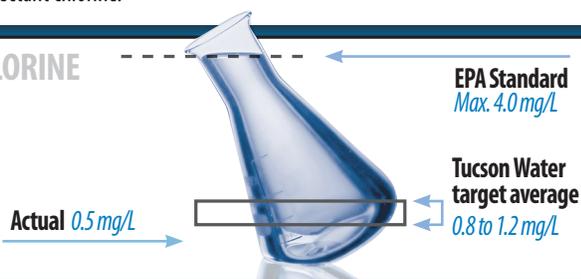
COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples
Positive result



CHLORINE



TEST RESULTS from 1 Sample Point

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
92	14	2.02	0.17	8.1	82.9

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

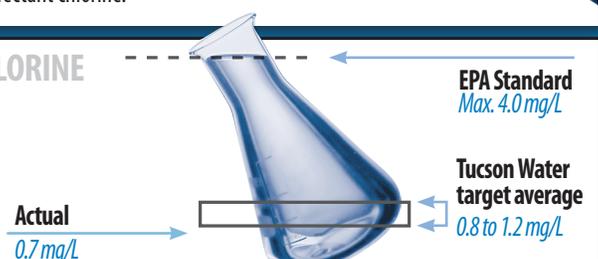
COLIFORM

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EPA standard for positive samples
Positive result



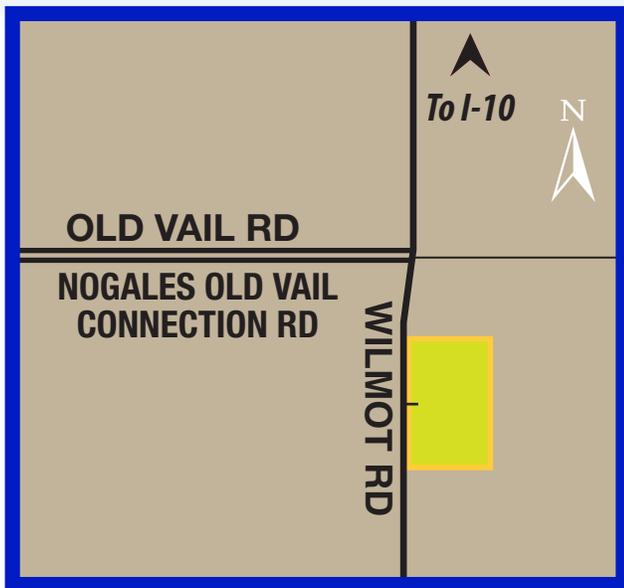
CHLORINE



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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

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
202	44	0.80	0.32	7.6	76.6

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result

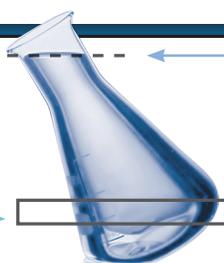


CHLORINE

Actual
0.9mg/L

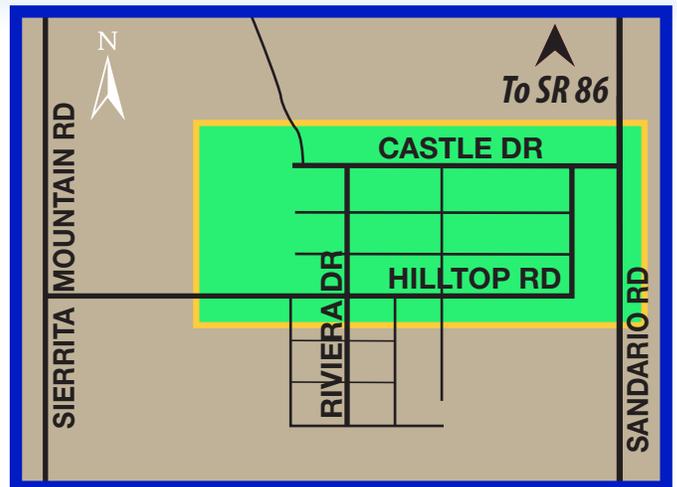
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L



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

Hardness (mg/L*)	Sodium (mg/L*)	Nitrate-N (mg/L*)	Fluoride (deg°F)	pH Level (S.U.)	Temperature (deg°F)
117	49	1.72	0.58	7.8	85.1

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples

Positive result



CHLORINE

Actual
0.8mg/L

EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

