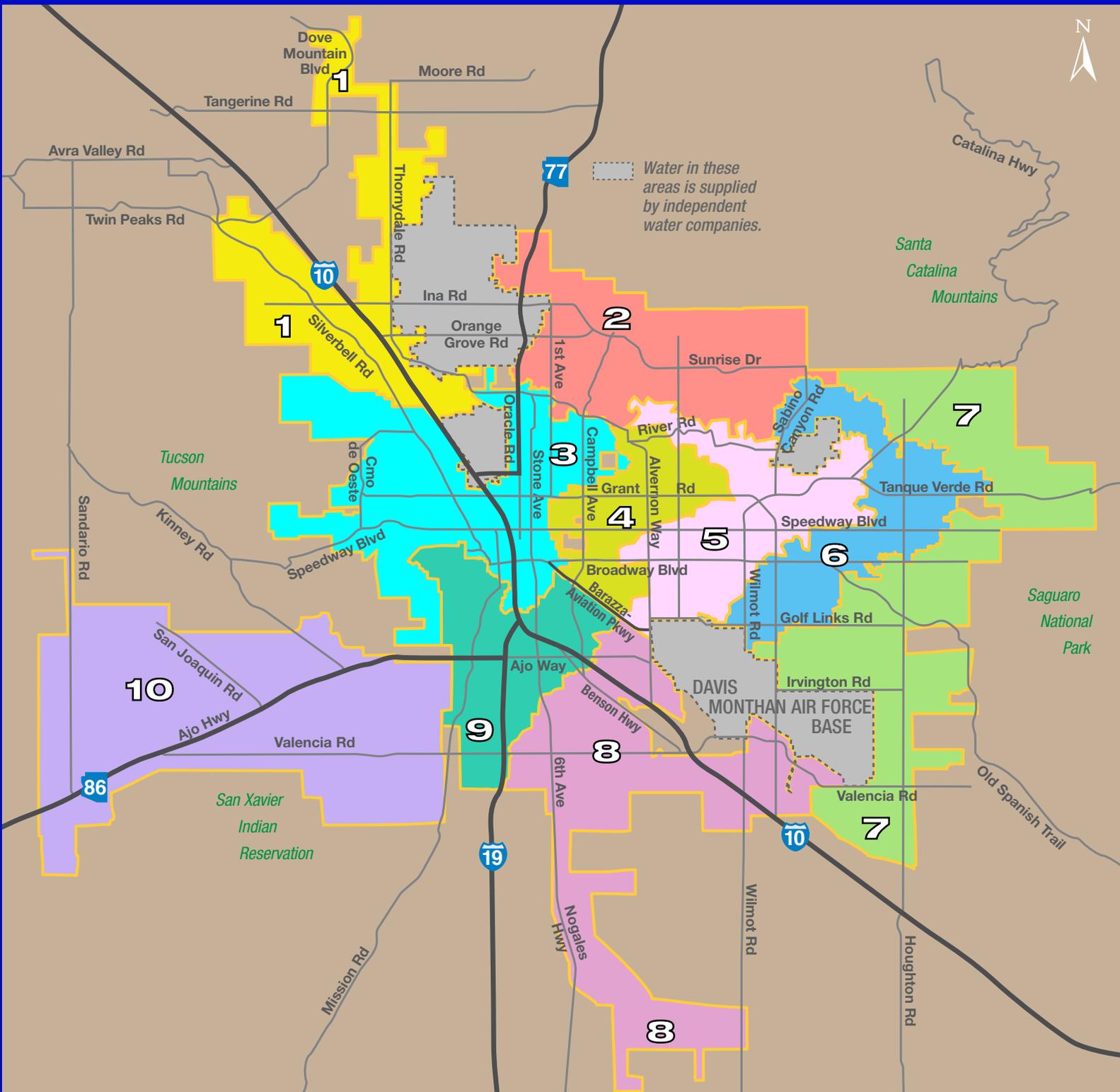


February 2016

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



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

Zones	Hardness (mg/L*) 80 SP	Sodium (mg/L*) 80 SP	Nitrate-N (mg/L*) 84 SP	Fluoride (mg/L*) 84 SP	pH Level (S.U.) 247 SP	Minerals (mg/L*) 247 SP	Temperature (deg°F) 247 SP
1	203	54	3.09	0.22	7.8	398	72.3
2	236	66	1.21	0.39	7.9	499	70.5
3	238	66	1.39	0.47	7.8	489	70.9
4	239	67	0.93	0.32	7.8	494	71.4
5	233	65	1.09	0.35	7.8	489	69.7
6	229	65	1.29	0.35	7.8	471	70.2
7	232	63	1.26	0.35	7.8	472	69.2
8	219	61	1.99	0.46	7.7	450	70.0
9	198	61	1.54	0.33	7.7	454	71.2
10	206	64	1.60	0.30	7.8	466	68.7
Avg	227	64	1.38	0.37	7.8	475	70.3

*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points S.U. = Standard Units

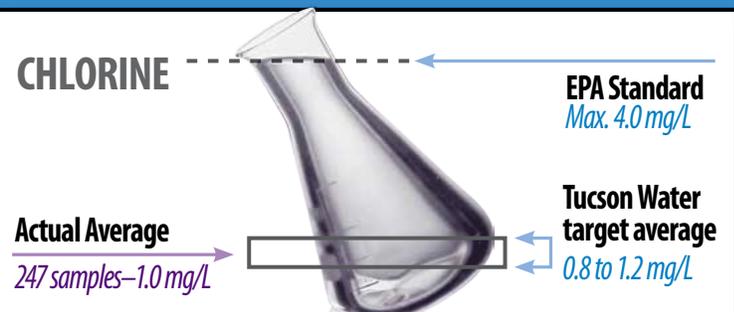
COLIFORM

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
246 samples



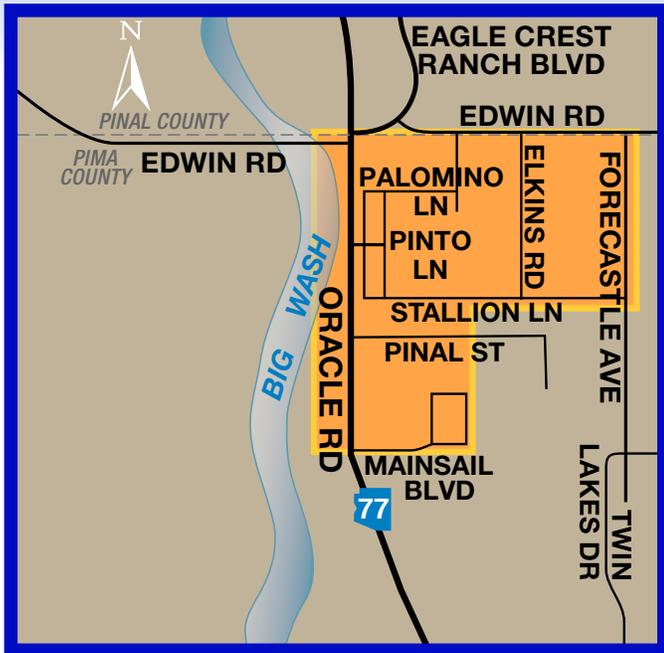
CHLORINE



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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 2 SP	Minerals (mg/L*) 2 SP	Temperature (deg°F) 2 SP
87	25	0.43	0.48	8.1	177	65.9

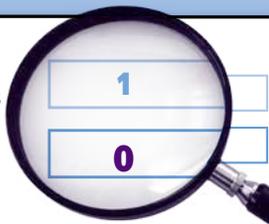
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

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 results 2 Samples



CHLORINE

Actual Average 2 samples - 1.1 mg/L

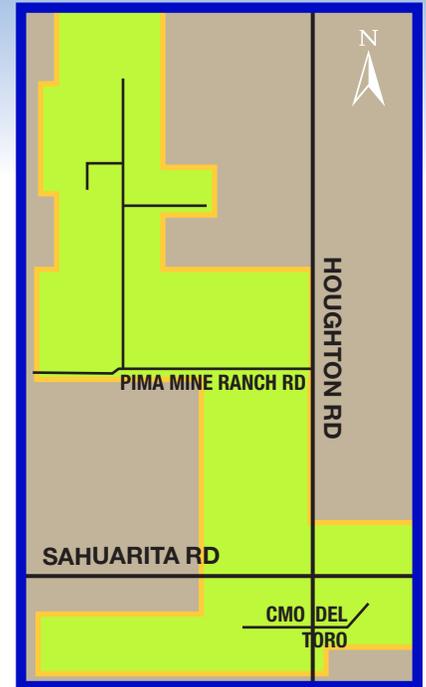
EPA Standard Max. 4.0 mg/L

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 connections supplying about 7,300 persons with water from three wells.



TEST RESULTS from 9 Sample Points (SP)

Hardness (mg/L*) 2 SP	Sodium (mg/L*) 2 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 3 SP	pH Level (S.U.) 9 SP	Minerals (mg/L*) 9 SP	Temperature (deg°F) 9 SP
229	51	0.98	0.34	7.6	405	66.0

*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 results 9 Samples

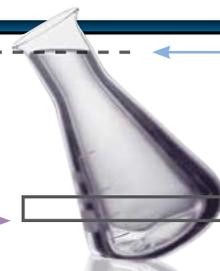


CHLORINE

Actual Average 9 samples - 0.8 mg/L

EPA Standard Max. 4.0 mg/L

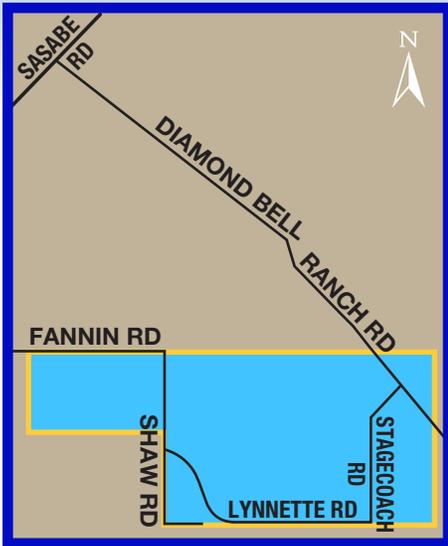
Tucson Water target average 0.8 to 1.2 mg/L



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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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
113	30	1.52	0.24	7.9	211	57.7

*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 1 Sample

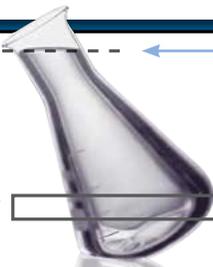


CHLORINE

Actual Average
1 sample – 1.1 mg/L

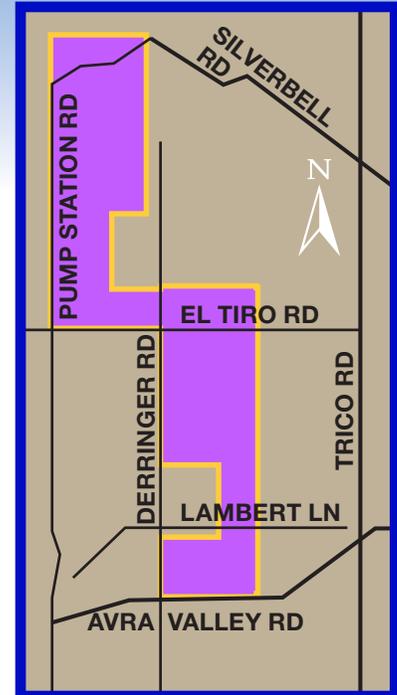
EPA Standard
Max. 4.0 mg/L

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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 3 SP	Minerals (mg/L*) 3 SP	Temperature (deg°F) 3 SP
113	36	2.44	0.50	7.9	268	67.6

*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 3 Samples

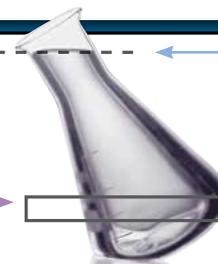


CHLORINE

Actual Average
3 samples – 1.1 mg/L

EPA Standard
Max. 4.0 mg/L

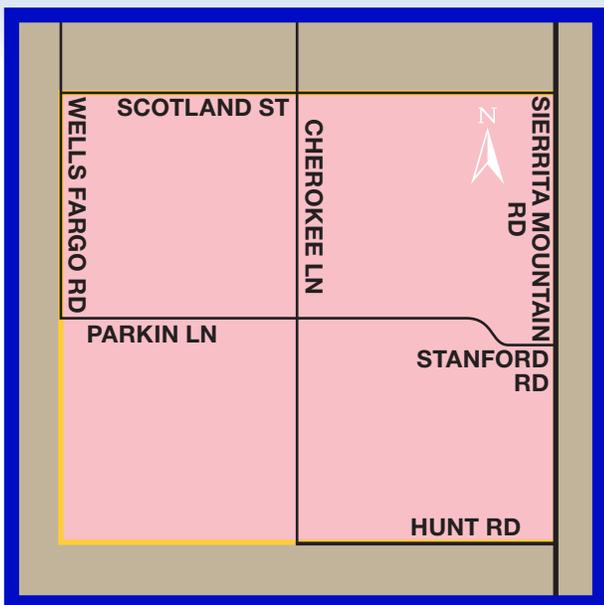
Tucson Water target average
0.8 to 1.2 mg/L



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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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
91	38	1.68	0.49	7.9	216	58.3

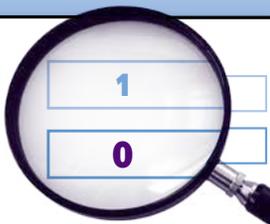
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

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 1 Sample



CHLORINE

Actual Average

1 sample - 1.0 mg/L

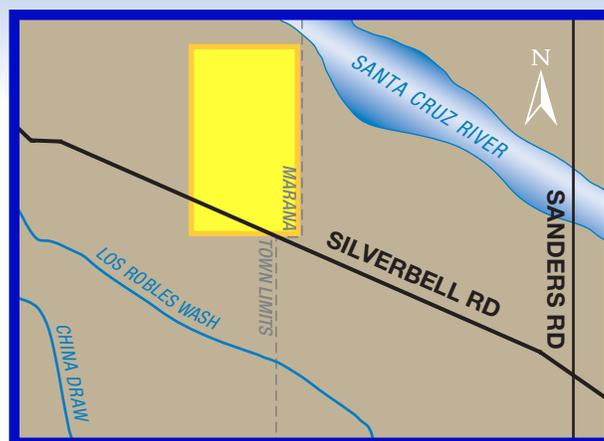
EPA Standard Max. 4.0 mg/L

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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
274	85	2.13	0.45	7.6	646	70.5

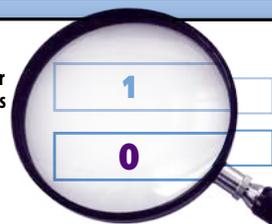
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

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 1 Sample



CHLORINE

Actual Average

1 sample - 0.9 mg/L

EPA Standard Max. 4.0 mg/L

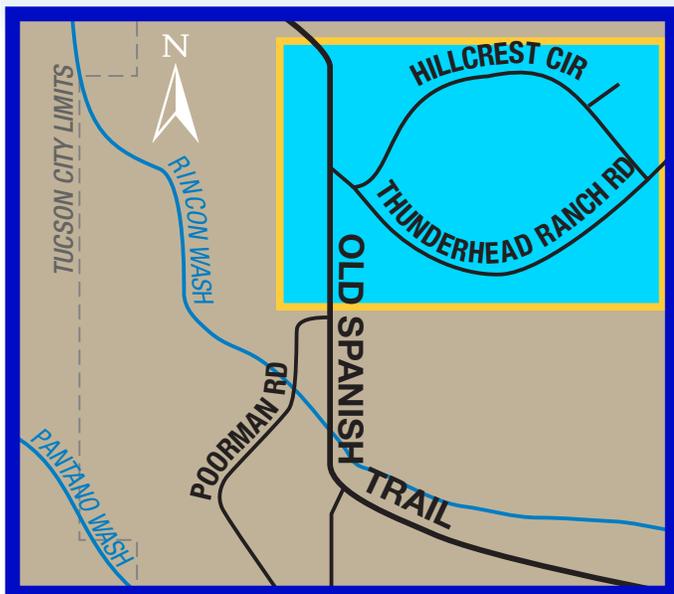
Tucson Water target average 0.8 to 1.2 mg/L



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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 (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
81	13	1.51	0.16	8.1	161	65.1

*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 1 Sample



CHLORINE

Actual Average
1 sample - 0.8 mg/L

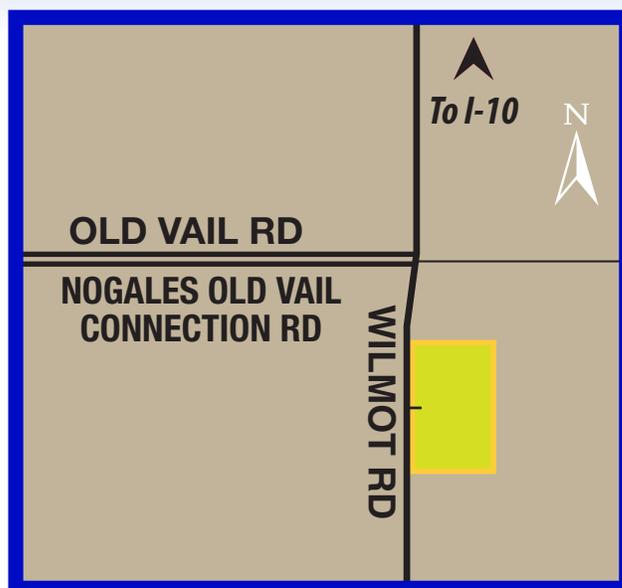


EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
201	42	0.80	0.29	7.6	353	68.2

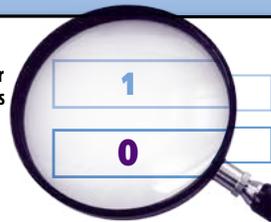
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

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 1 Sample



CHLORINE

Actual Average
1 sample - 0.5 mg/L



EPA Standard
Max. 4.0 mg/L

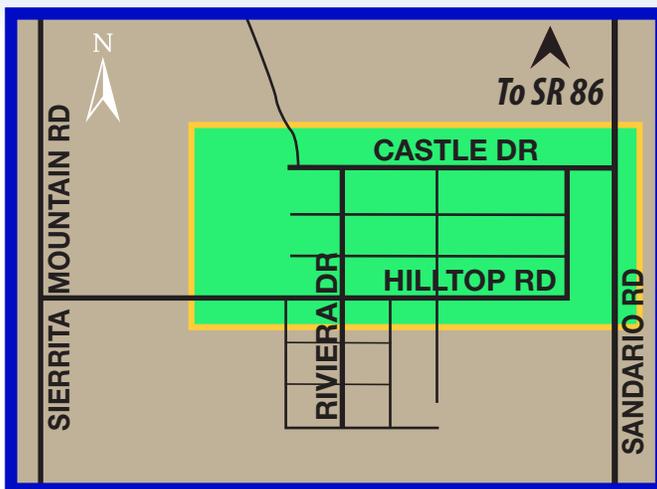
Tucson Water target average
0.8 to 1.2 mg/L

February 2016

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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)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
116	46	1.73	0.56	7.5	272	63.0

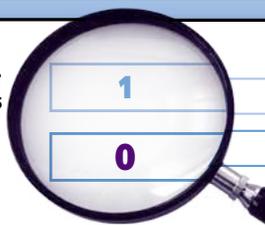
*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

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
1 Sample



CHLORINE

EPA Standard
Max. 4.0 mg/L

Actual Average

1 sample – 1.2 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

