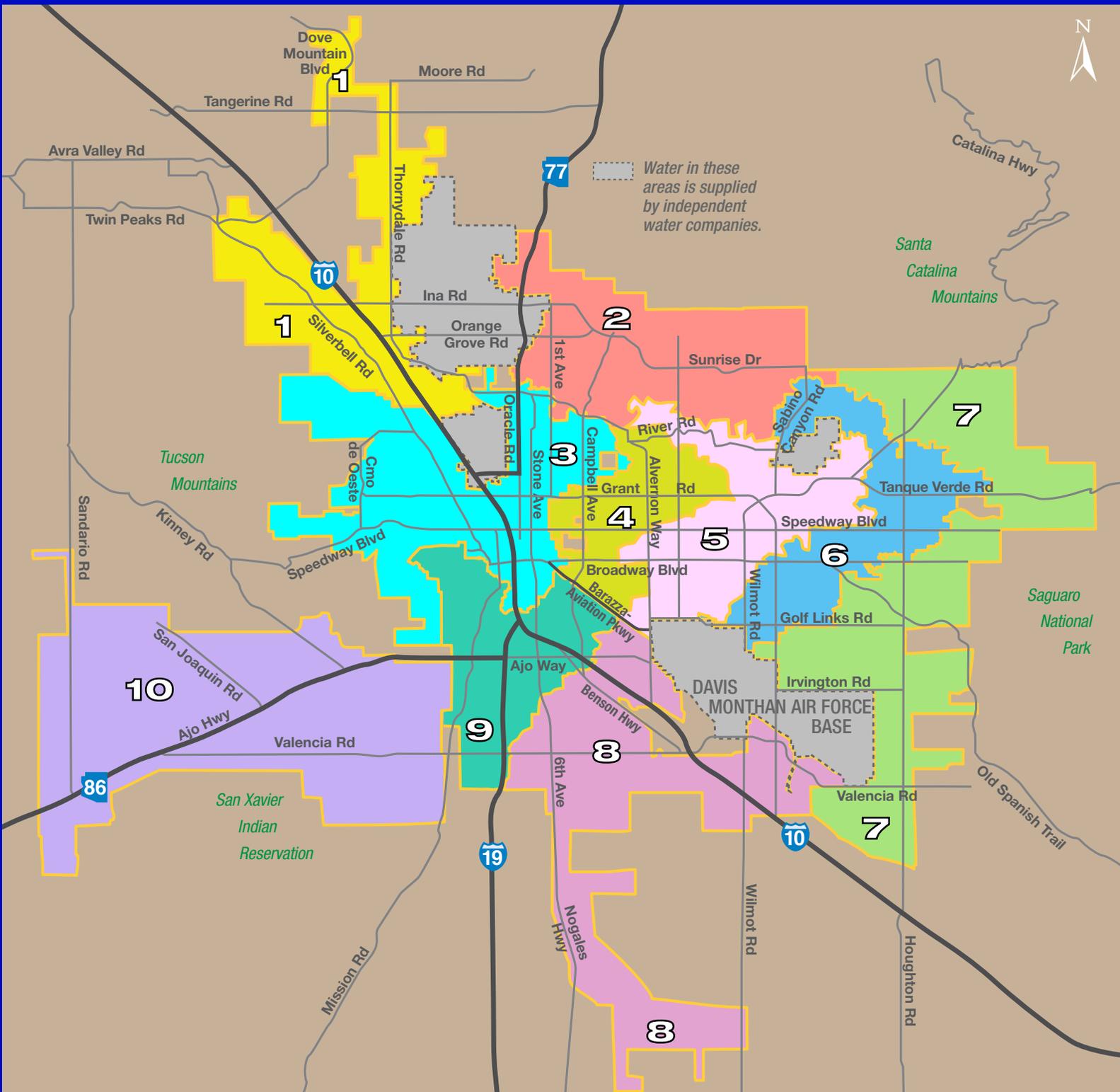




January 2016

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



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Main Water System

TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L*) 65 SP	Sodium (mg/L*) 44 SP	Nitrate-N (mg/L*) 77 SP	Fluoride (mg/L*) 77 SP	pH Level (S.U.) 241 SP	Minerals (mg/L*) 247 SP	Temperature (deg°F) 247 SP
1	191	56	1.44	0.44	7.9	423	68.0
2	238	68	0.92	0.36	7.8	503	66.5
3	239	66	1.28	0.47	7.9	480	69.4
4	239	69	0.93	0.34	7.8	481	66.4
5	236	66	1.08	0.37	7.7	485	65.8
6	226	64	1.05	0.38	7.8	487	66.8
7	224	67	1.55	0.33	7.8	456	65.3
8	223	63	1.52	0.42	7.7	478	68.5
9	227	60	2.04	0.58	7.7	470	69.7
10	227	60	1.85	0.42	7.8	449	68.0
Avg	230	65	1.30	0.40	7.8	476	67.3

*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 250 samples

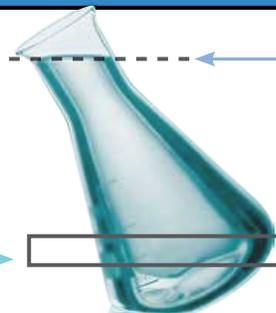


CHLORINE

EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

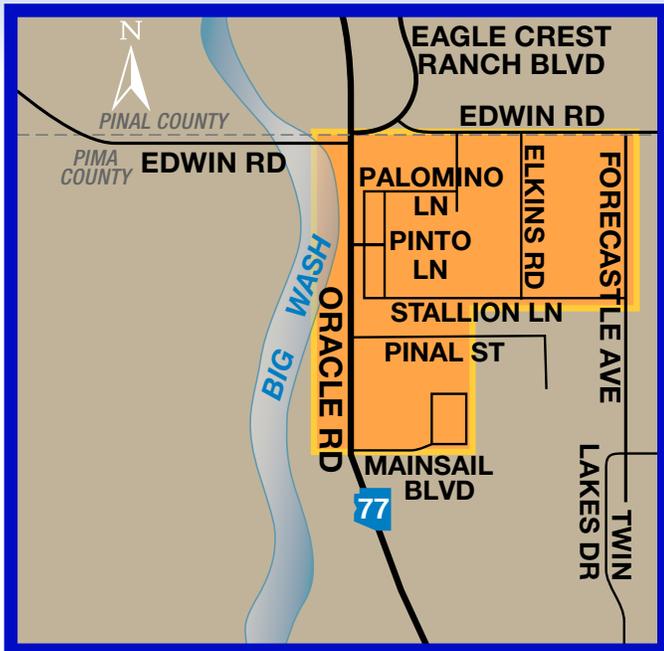
Actual Average
250 samples—0.9 mg/L



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	24	1.29	0.50	8.2	181	60.4

*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 2 Samples



CHLORINE

Actual Average

2 samples - 1.1 mg/L

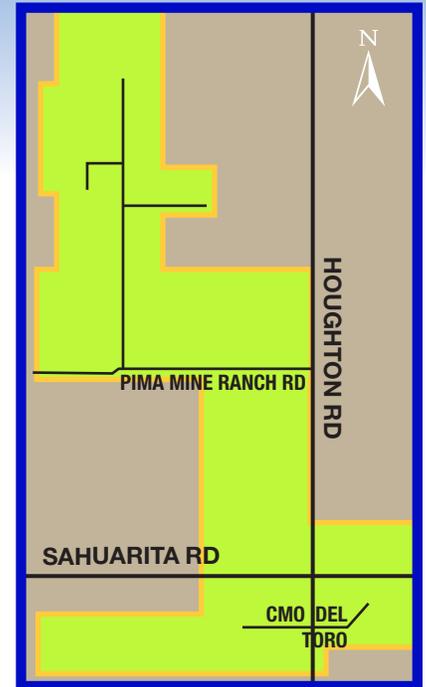
EPA Standard Max. 4.0 mg/L

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*) 3 SP	Sodium (mg/L*) 3 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
203	50	1.17	0.40	7.6	391	60.5

*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 results 9 Samples



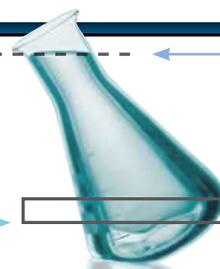
CHLORINE

Actual Average

9 samples - 0.8 mg/L

EPA Standard Max. 4.0 mg/L

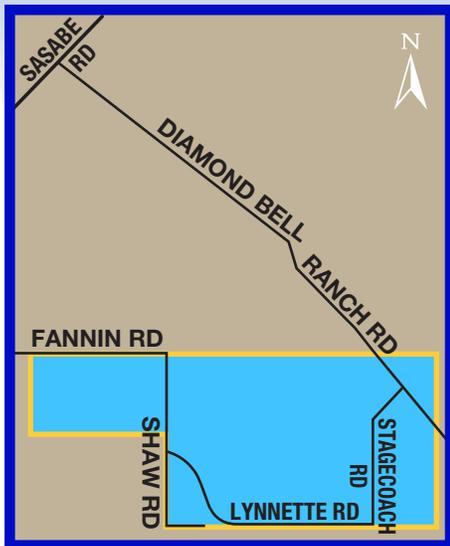
Tucson Water target average 0.8 to 1.2 mg/L



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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	218	59.0

*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

Actual Average
1 sample—1.0 mg/L

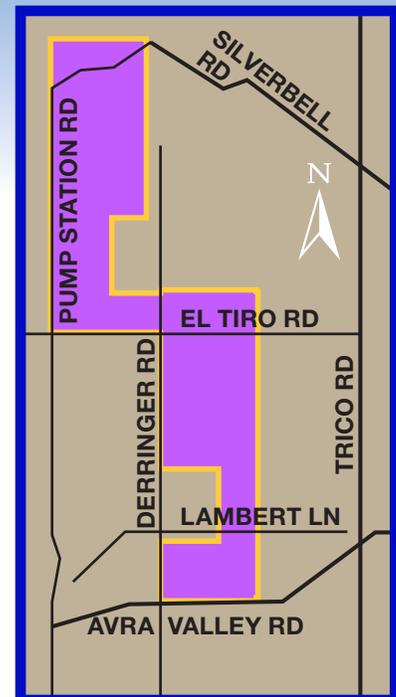


EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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
147	40	3.62	0.49	7.9	268	63.3

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

COLIFORM

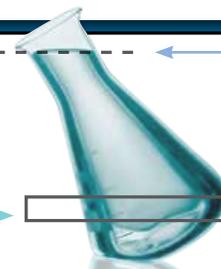
The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standard for positive samples
Positive results
3 Samples



CHLORINE

Actual Average
3 samples—0.9 mg/L



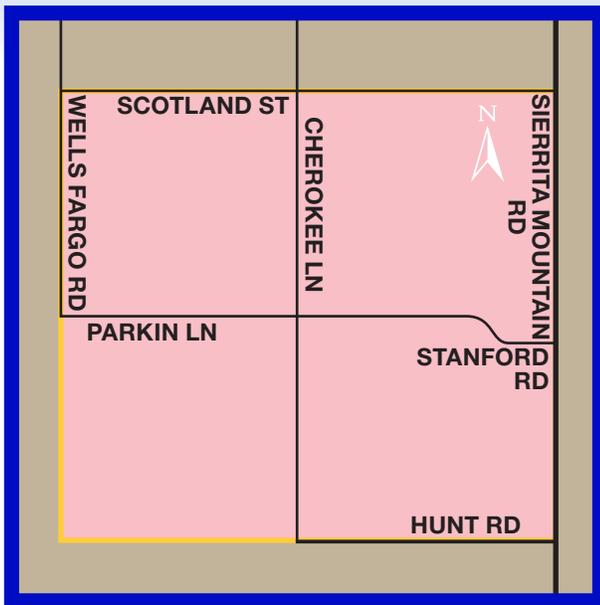
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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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	40	1.63	0.48	7.9	216	56.3

*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

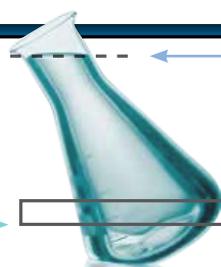
Positive result 1 Sample



CHLORINE

Actual Average

1 sample – 0.8 mg/L

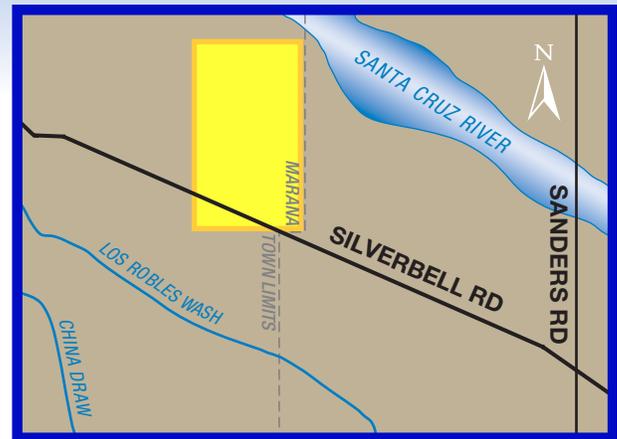


EPA Standard Max. 4.0 mg/L

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	643	64.8

*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

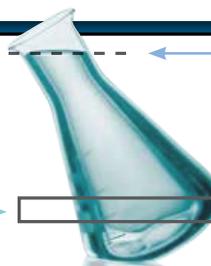
Positive result 1 Sample



CHLORINE

Actual Average

1 sample – 1.0 mg/L



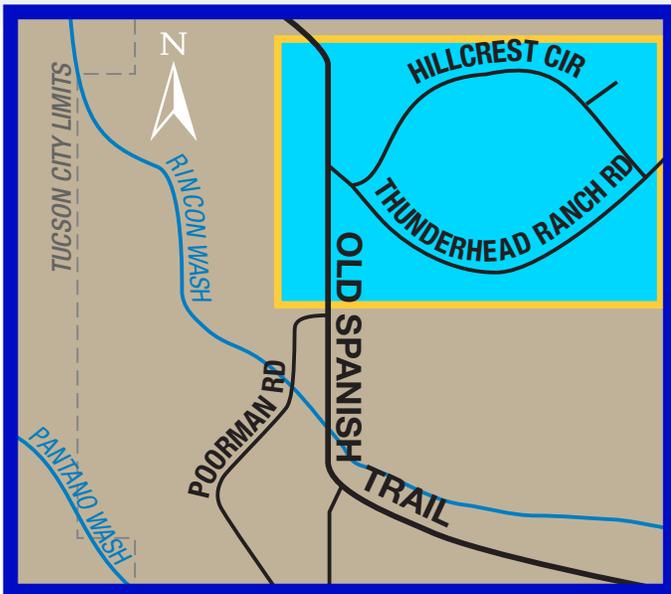
EPA Standard Max. 4.0 mg/L

Tucson Water target average 0.8 to 1.2 mg/L

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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	143	59.9

*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 1 Sample

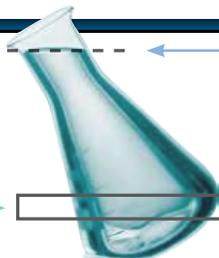


CHLORINE

Actual Average 1 sample – 1.0 mg/L

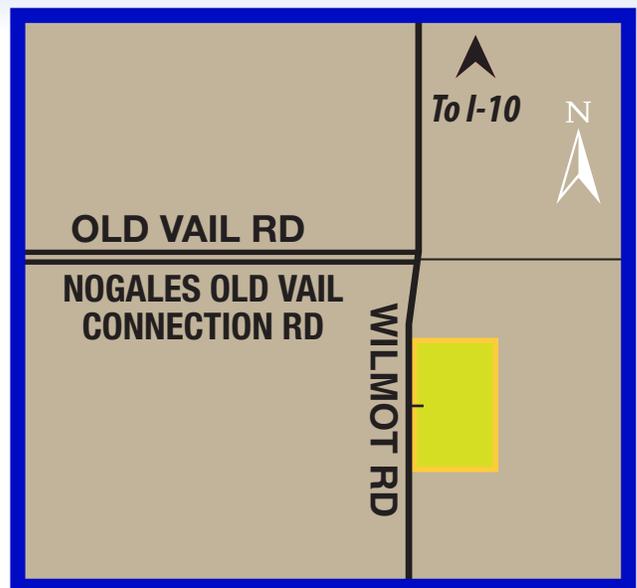
EPA Standard Max. 4.0 mg/L

Tucson Water target average 0.8 to 1.2 mg/L



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	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 result 1 Sample

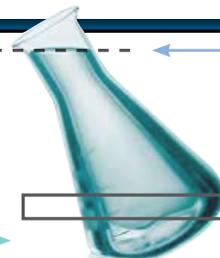


CHLORINE

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

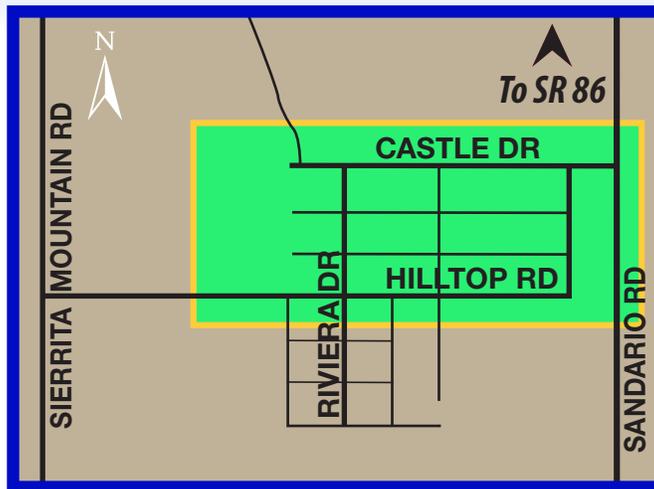


January 2016

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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	7.4	271	61.3

*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

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

