WATER QUALITY INFO NET

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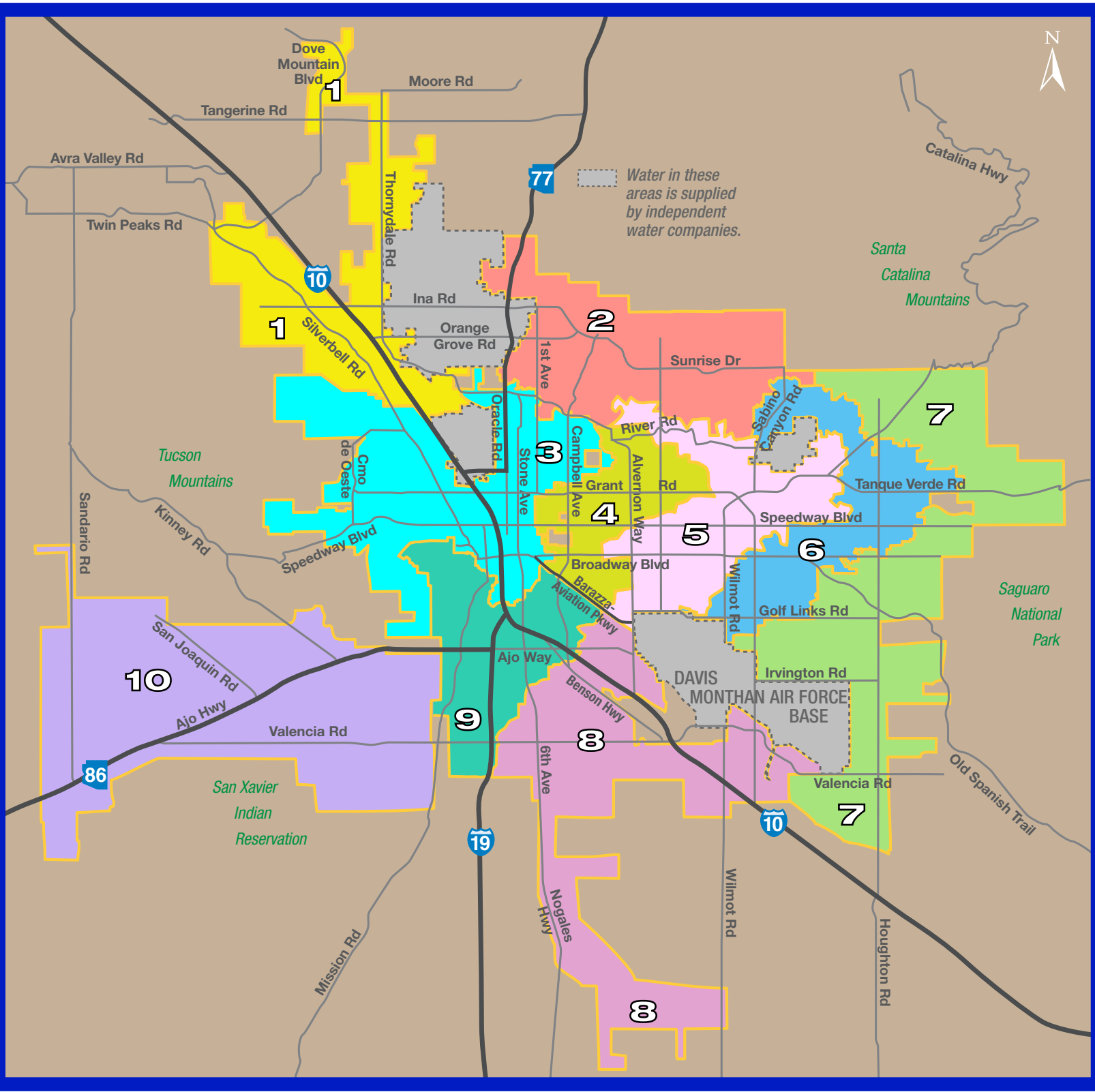
November 2015

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

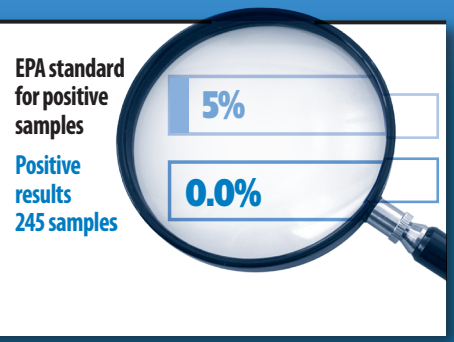
Test Results by Water Quality Zone

Zones	Hardness (mg/L*) 84 SP	Sodium (mg/L*) 84 SP	Nitrate-N (mg/L*) 84 SP	Fluoride (mg/L*) 78 SP	pH Level (S.U.) 245 SP	Minerals (mg/L*) 245 SP	Temperature (deg°F) 245 SP
1	226	58	2.38	0.43	7.9	454	75.8
2	245	67	1.07	0.46	7.9	504	76.1
3	239	65	1.40	0.53	7.9	485	77.0
4	226	62	1.06	0.35	7.8	449	75.8
5	219	61	0.99	0.37	7.8	474	75.6
6	242	67	0.89	0.39	7.8	490	76.0
7	232	62	1.25	0.36	7.9	470	76.2
8	237	59	2.09	0.58	7.7	460	76.1
9	210	64	1.45	0.35	7.7	465	77.7
10	214	65	1.39	0.34	7.8	464	77.5
Avg	230	63	1.29	0.42	7.8	474	76.3

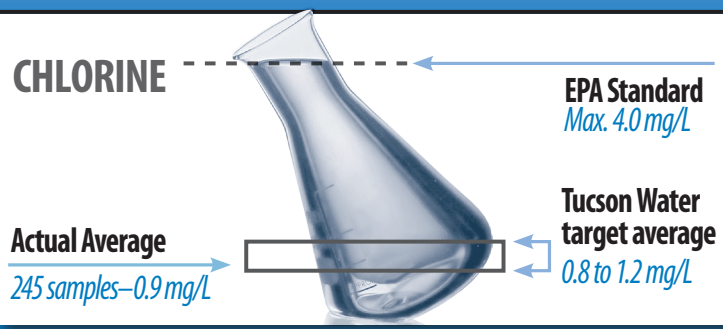
***mg/L** means milligrams per liter **1 mg/L** = 1 teaspoon in 1,302 gallons **SP** = Sample Points **S.U.** = Standard Units

COLIFORM

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



CHLORINE



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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.

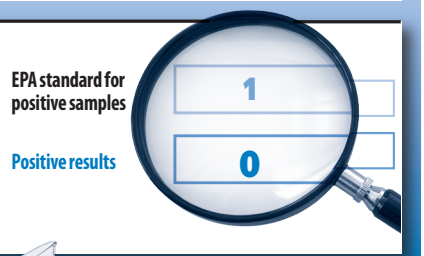
TEST RESULTS from 2 Sample Points (SP)

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	0.42	0.57	8.1	192	68.9

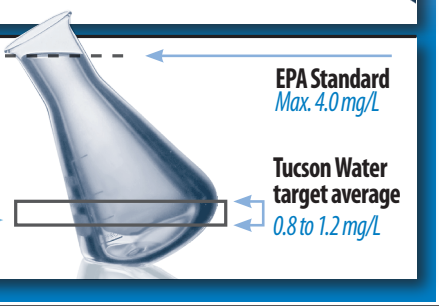
***mg/L** means milligrams per liter **1 mg/L** = 1 teaspoon in 1,302 gallons

COLIFORM

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

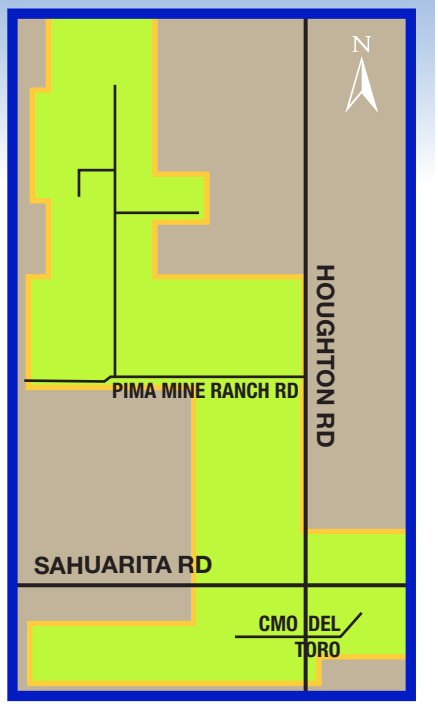


CHLORINE



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.



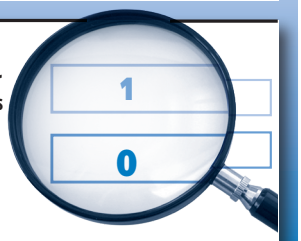
TEST RESULTS from 9 Sample Points (SP)

Hardness (mg/L*) 3 SP	Sodium (mg/L*) 3 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 9 SP	Minerals (mg/L*) 9 SP	Temperature (deg°F) 9 SP
210	52	0.94	0.43	7.6	386	73.7

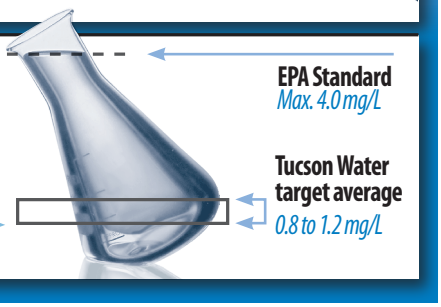
***mg/L** means milligrams per liter **1 mg/L** = 1 teaspoon in 1,302 gallons

COLIFORM

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



CHLORINE



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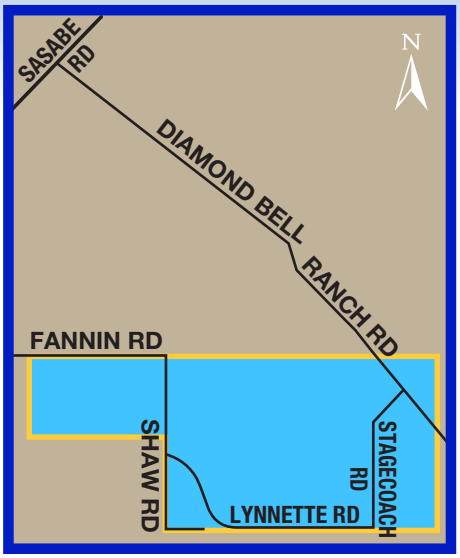
Diamond Bell Water System

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)

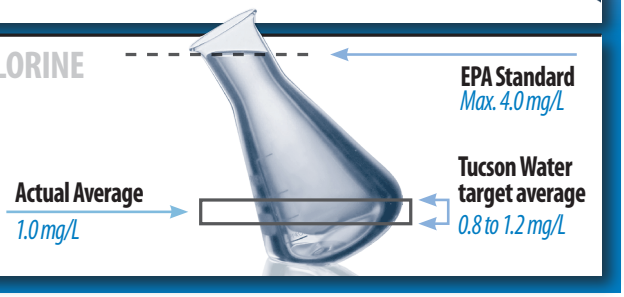
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
113	30	1.55	0.24	7.9	221	70.3

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

COLIFORM

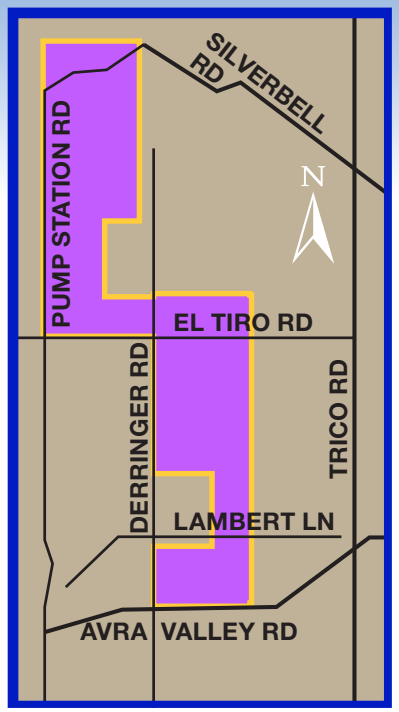
The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

CHLORINE



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)

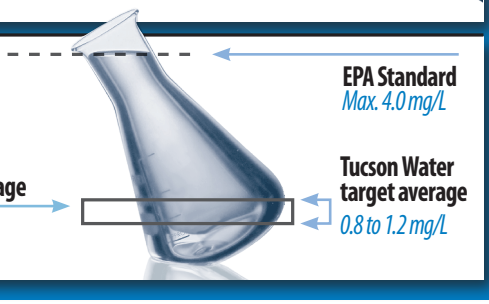
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 3 SP	Minerals (mg/L*) 3 SP	Temperature (deg°F) 3 SP
114	36	2.46	0.59	7.9	290	70.9

***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.

CHLORINE



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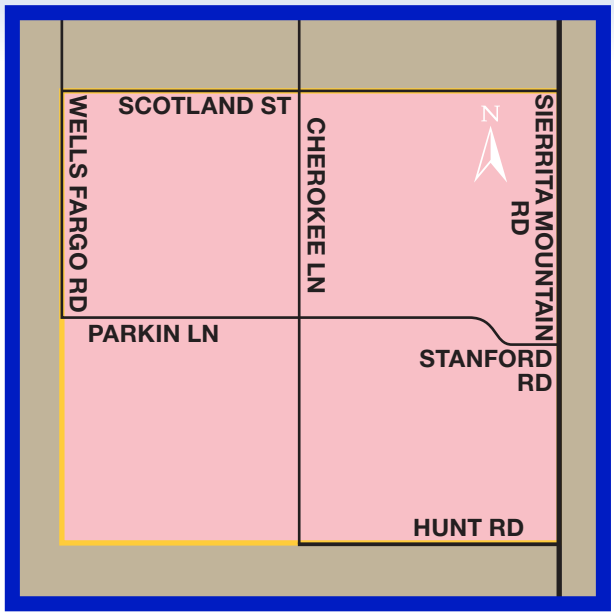
Sierrita Foothills Water System

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	7.8	223	73.0

*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: 1

Positive result: 0

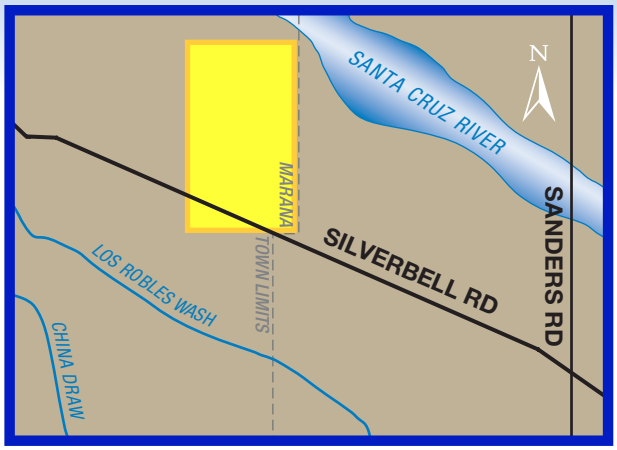
CHLORINE

EPA Standard: Max. 4.0 mg/L

Tucson Water target average: 0.8 to 1.2 mg/L

Actual Average: 0.7 mg/L

Silverbell West Water System



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	3.70	0.41	7.6	584	69.8

*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: 1

Positive result: 0

CHLORINE

EPA Standard: Max. 4.0 mg/L

Tucson Water target average: 0.8 to 1.2 mg/L

Actual Average: 1.1 mg/L

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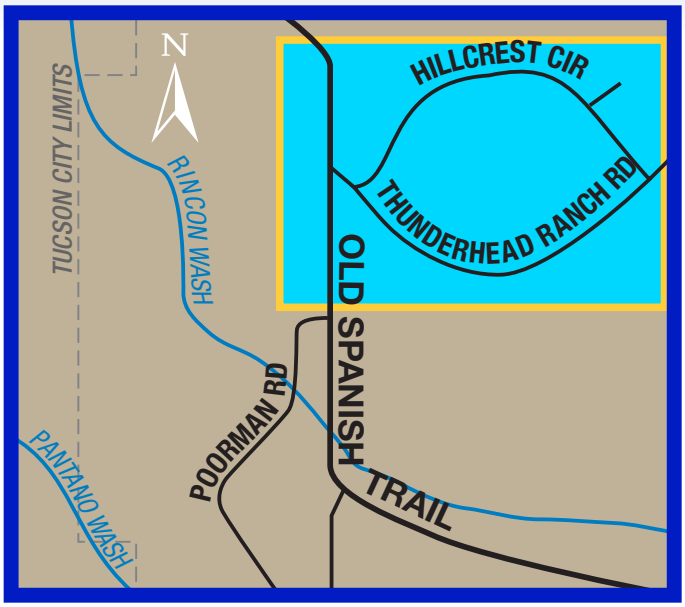
Thunderhead Ranch Water System

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
82	13	1.49	0.15	8.1	152	74.1

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COLIFORM

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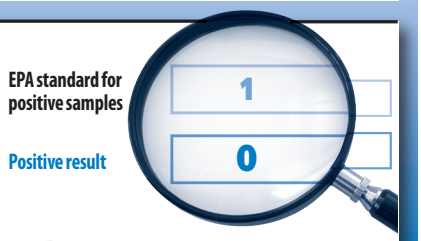
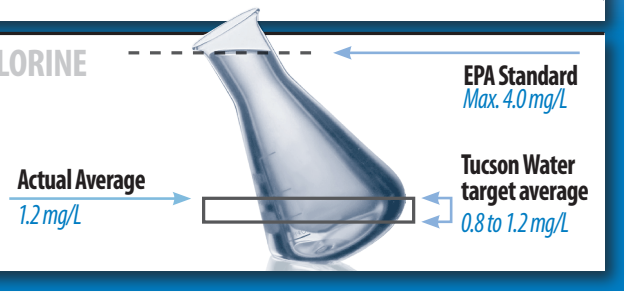
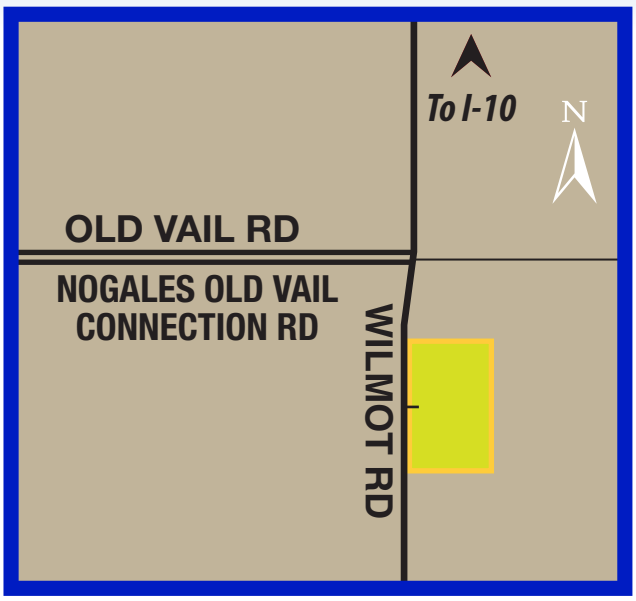


CHLORINE



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
197	42	0.78	0.29	7.6	356	73.0

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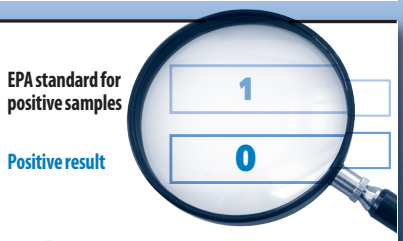
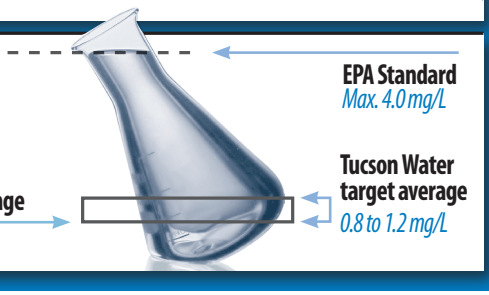


CHLORINE



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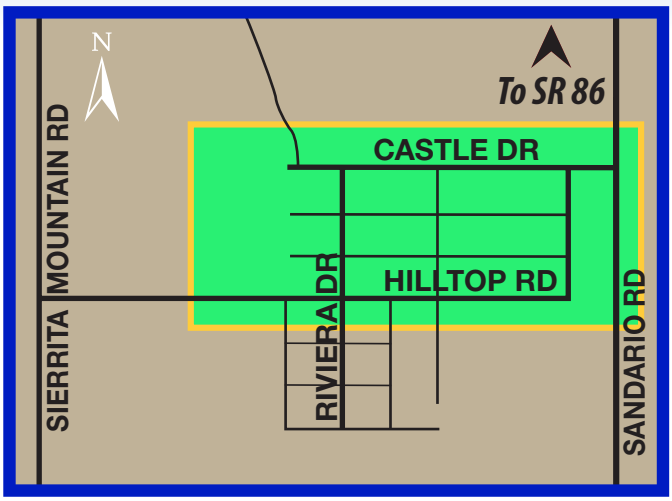
Valley View Acres Water System

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
94	54	1.46	0.36	7.5	270	68.9

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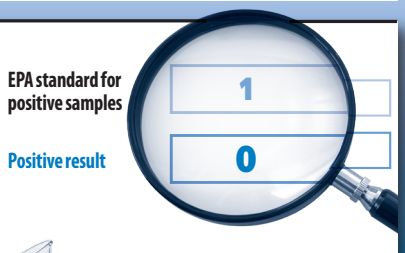
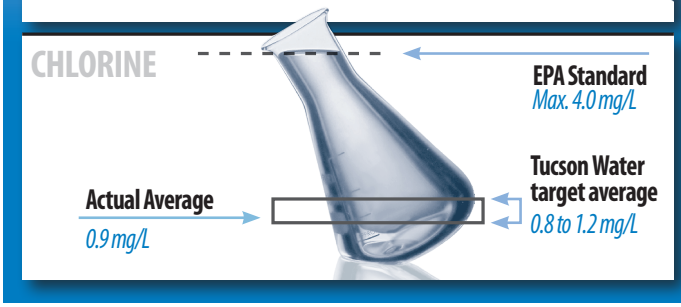
CHLORINE