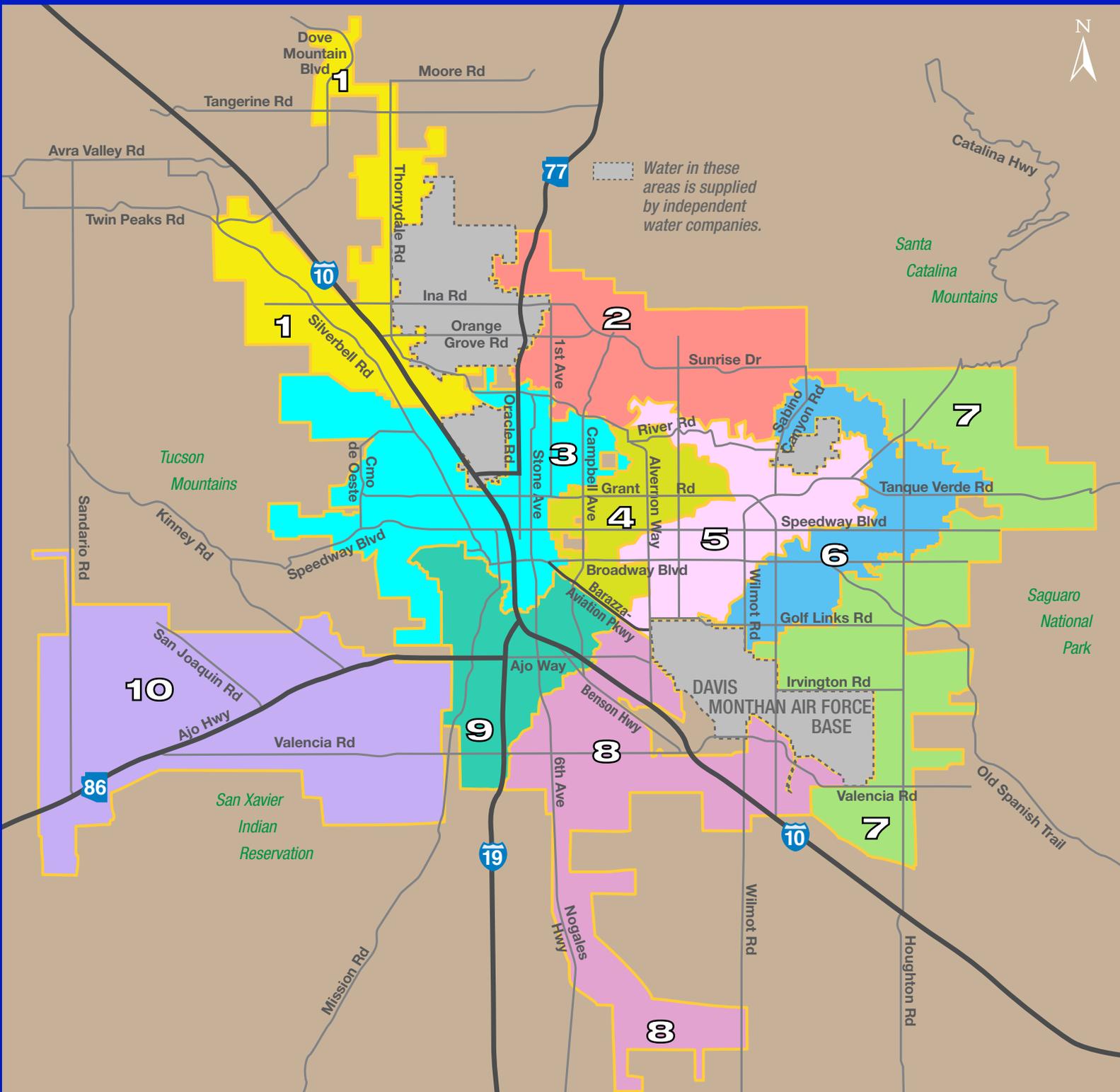


May 2016

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*) 84 SP	Sodium (mg/L*) 84 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	130	38	1.81	0.28	7.7	359	79.8
2	181	51	1.83	0.47	7.8	393	81.0
3	184	51	1.83	0.46	7.9	388	79.9
4	114	37	1.56	0.25	7.7	239	82.2
5	121	40	1.70	0.34	7.5	258	79.6
6	166	47	1.95	0.38	7.6	321	80.3
7	157	43	1.56	0.31	7.7	320	80.7
8	203	56	1.59	0.41	7.6	426	81.9
9	171	54	1.62	0.41	7.6	432	82.5
10	178	60	1.47	0.35	7.8	439	80.7
Avg	160	47	1.70	0.37	7.7	348	80.8

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.

E. coli positive samples/mo.

Follow-up assessment required?

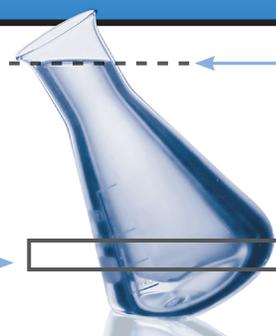


CHLORINE

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L

Actual Average
247 samples—0.9 mg/L

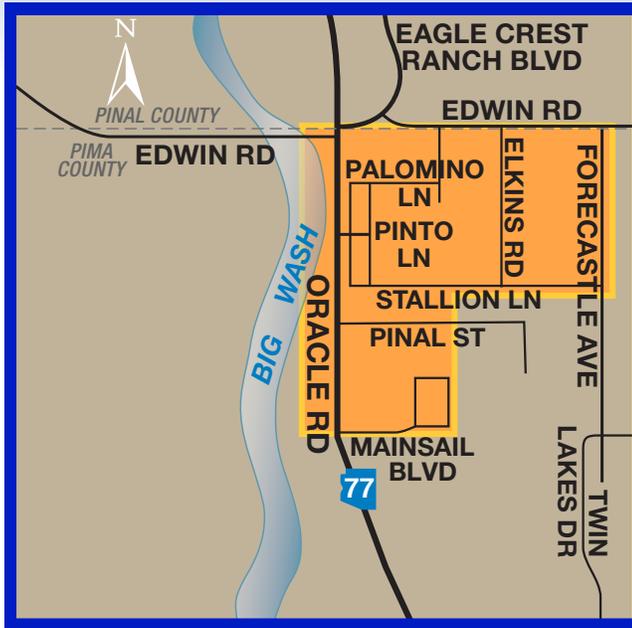


May 2016

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
83	23	0.45	0.60	8.1	192	80.6

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

TOTAL COLIFORM & E. COLI

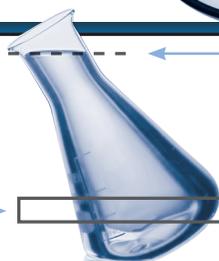
EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
2 samples – 1.0 mg/L

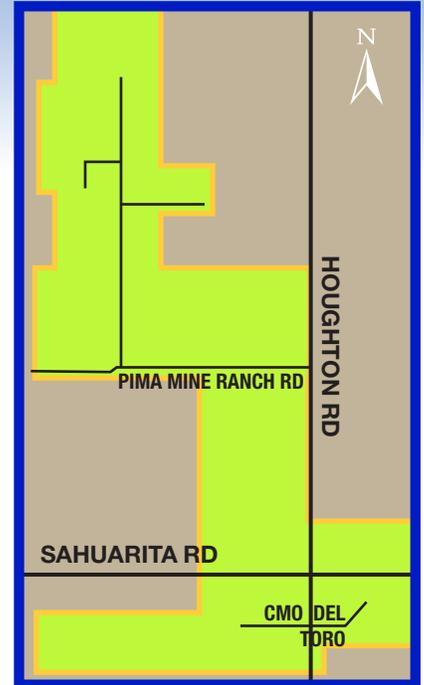


EPA Standard
Max. 4.0 mg/L

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)

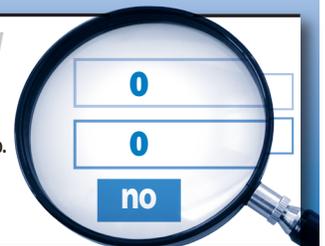
Hardness (mg/L*) 3 SP	Sodium (mg/L*) 3 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 3 SP	pH Level (S.U.) 9 SP	Minerals (mg/L*) 9 SP	Temperature (deg°F) 9 SP
212	53	0.98	0.36	7.5	380	80.0

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

TOTAL COLIFORM & E. COLI

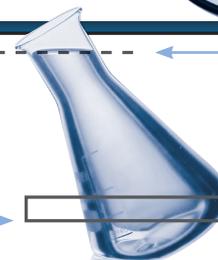
EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
9 samples – 0.8 mg/L



EPA Standard
Max. 4.0 mg/L

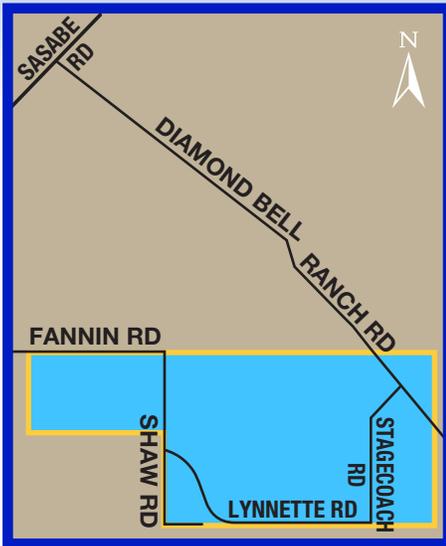
Tucson Water target average
0.8 to 1.2 mg/L

May 2016

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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)

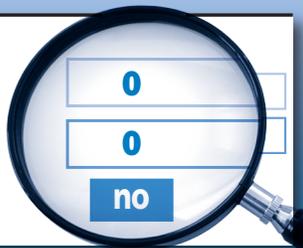
Hardness (mg/L*) 2SP	Sodium (mg/L*) 1SP	Nitrate-N (mg/L*) 1SP	Fluoride (mg/L*) 1SP	pH Level (S.U.) 1SP	Minerals (mg/L*) 1SP	Temperature (deg°F) 1SP
115	29	1.50	0.20	7.7	214	79.9

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

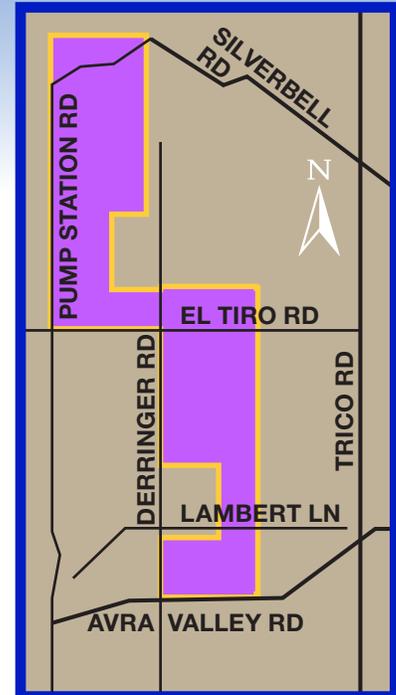
Actual Average
1 sample – 1.2 mg/L

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)

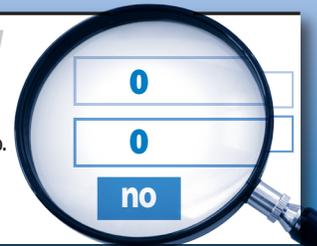
Hardness (mg/L*) 1SP	Sodium (mg/L*) 1SP	Nitrate-N (mg/L*) 1SP	Fluoride (mg/L*) 1SP	pH Level (S.U.) 3SP	Minerals (mg/L*) 3SP	Temperature (deg°F) 3SP
108	35	2.40	0.60	7.8	259	82.4

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
3 samples – 1.1 mg/L

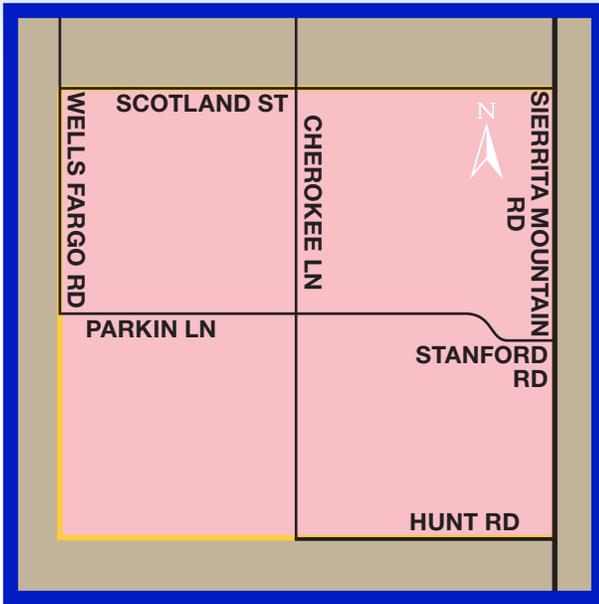
EPA Standard
Max. 4.0 mg/L

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
94	39	1.68	0.48	7.8	218	79.2

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

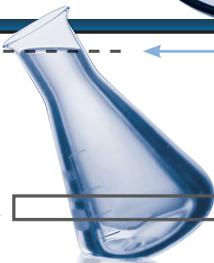
Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average

1 sample – 0.9 mg/L

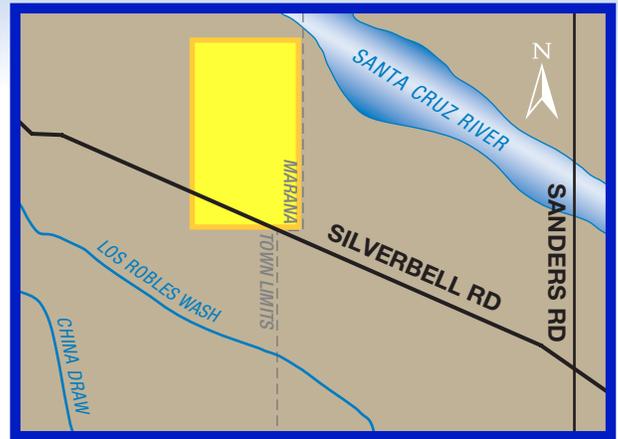


EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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)

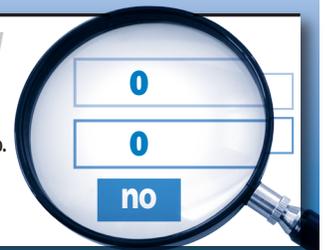
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
335	93	1.95	0.45	7.5	627	83.1

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
1 sample – 0.6 mg/L



EPA Standard
Max. 4.0 mg/L

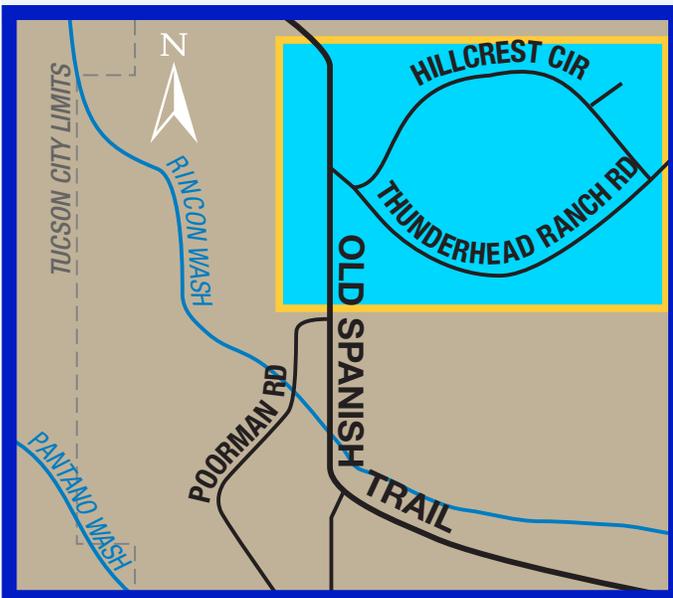
Tucson Water target average
0.8 to 1.2 mg/L

May 2016

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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
75	13	1.43	0.15	7.8	142	77.2

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
1 sample – 0.7 mg/L

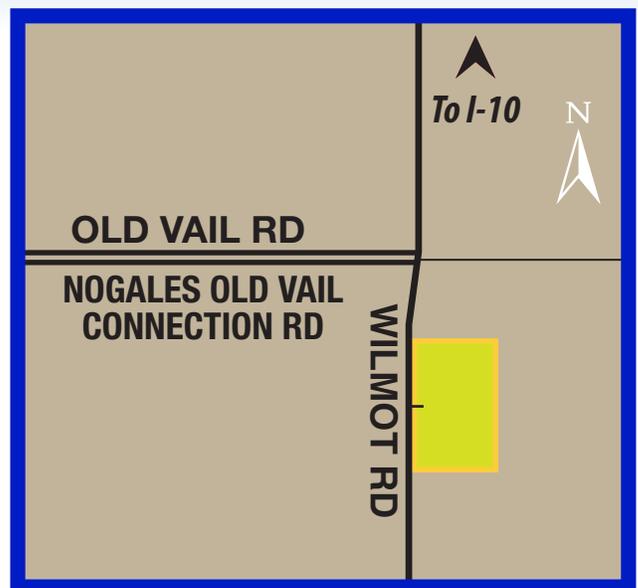


EPA Standard
Max. 4.0 mg/L

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
200	40	0.80	0.28	7.5	355	75.2

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

TOTAL COLIFORM & E. COLI

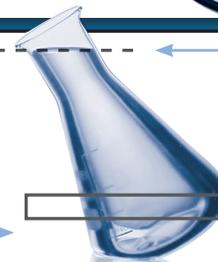
EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

Actual Average
1 sample – 0.6 mg/L



EPA Standard
Max. 4.0 mg/L

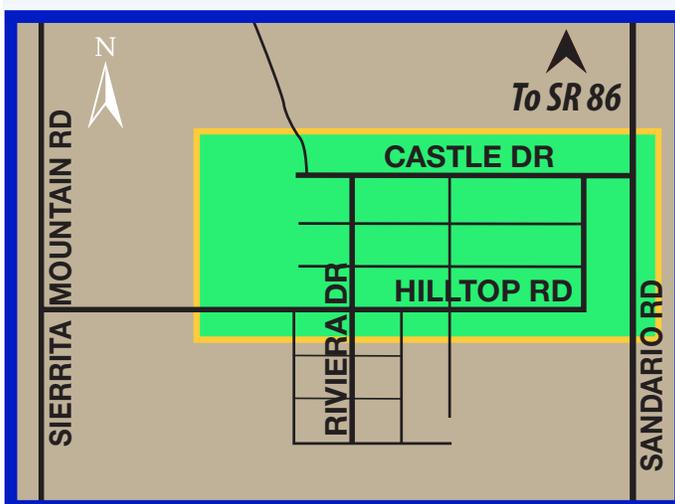
Tucson Water target average
0.8 to 1.2 mg/L

May 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)

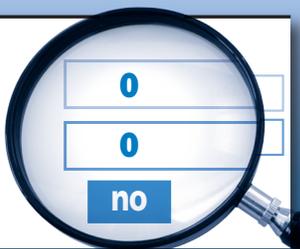
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
101	50	1.58	0.43	7.5	270	77.7

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

TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



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