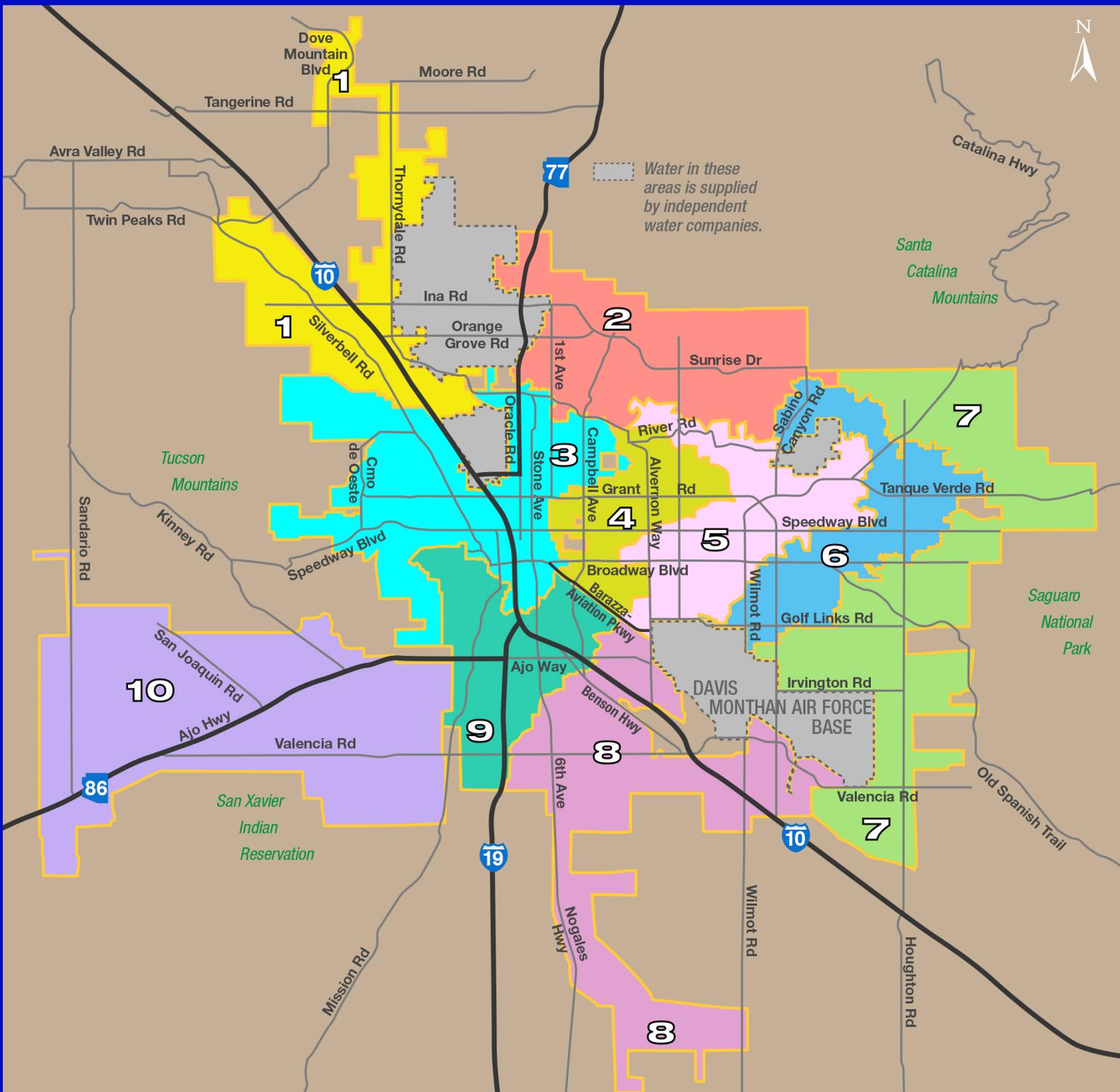


July 2016

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*) 77 SP	Sodium (mg/L*) 77 SP	Nitrate-N (mg/L*) 77 SP	Fluoride (mg/L*) 77 SP	pH Level (S.U.) 246 SP	Minerals (mg/L*) 247 SP	Temperature (deg°F) 247 SP
1	237	64	1.58	0.33	7.8	405	88.7
2	249	69	0.87	0.38	7.8	513	88.3
3	237	64	1.32	0.49	7.8	479	89.4
4	205	59	0.89	0.29	7.7	456	89.5
5	224	64	1.08	0.37	7.6	463	87.3
6	215	60	1.24	0.34	7.7	460	88.2
7	181	49	1.31	0.29	7.8	384	88.9
8	220	59	1.66	0.44	7.6	443	90.4
9	237	62	1.74	0.51	7.6	464	89.4
10	197	64	1.35	0.34	7.7	452	89.1
Avg	220	61	1.25	0.38	7.7	456	88.8

*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?

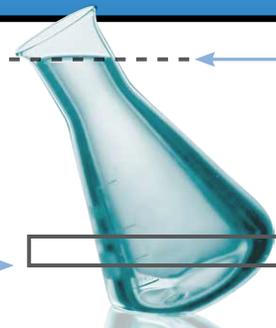


CHLORINE

EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L

Actual Average
249 samples – 0.8 mg/L

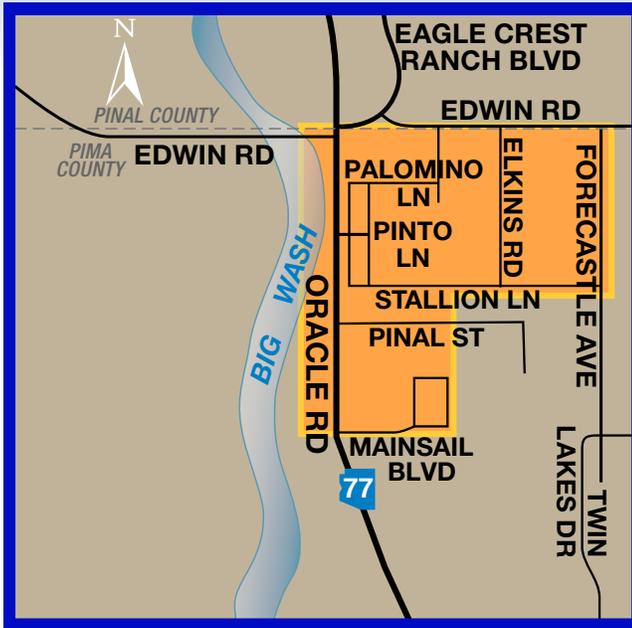


July 2016

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)

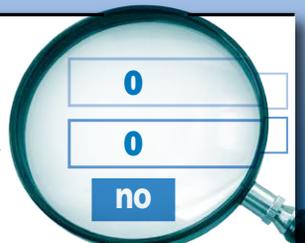
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 2 SP	Minerals (mg/L*) 2 SP	Temperature (deg°F) 2 SP
108	30	3.68	0.50	8.1	197	90.1

*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?

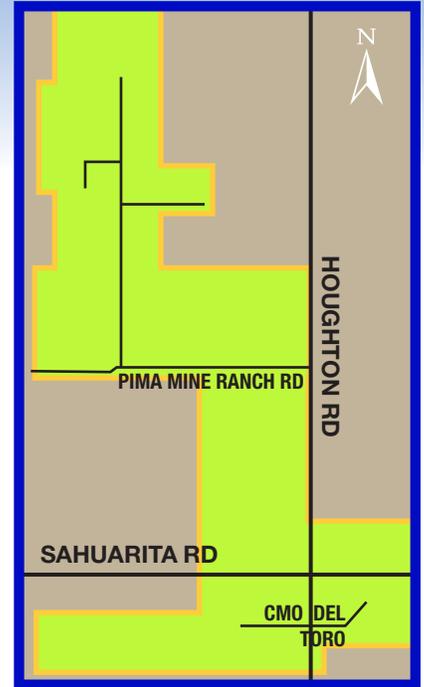


CHLORINE



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
194	49	1.15	0.41	7.6	385	89.8

*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?



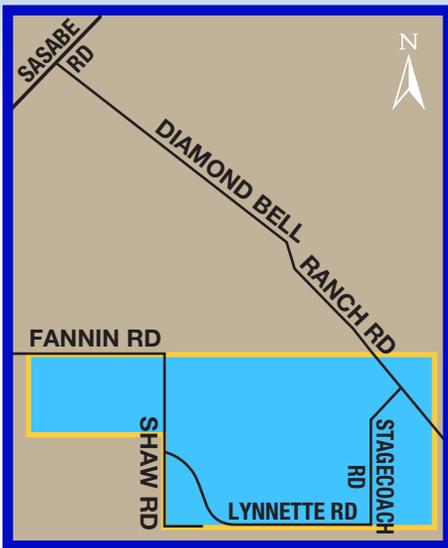
CHLORINE



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.

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)

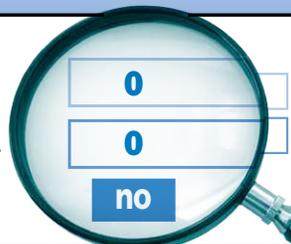
Hardness (mg/L*) 2SP	Sodium (mg/L*) 1SP	Nitrate-N (mg/L*) 1SP	Fluoride (mg/L*) 1SP	pH Level (S.U.) 1SP	Minerals (mg/L*) 1SP	Temperature (deg°F) 1SP
113	31	1.53	0.28	7.8	219	92.5

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

TOTAL COLIFORM & E. COLI

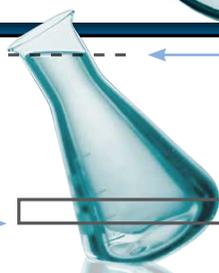
EPA standards for Total Coliform and *E. coli*

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



CHLORINE

Actual Average
1 sample – 0.8 mg/L

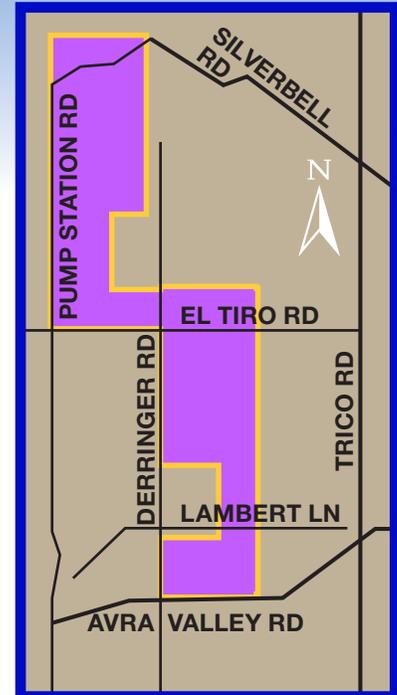


EPA Standard
Max. 4.0 mg/L

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
195	48	4.84	0.49	7.8	291	92.5

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

TOTAL COLIFORM & E. COLI

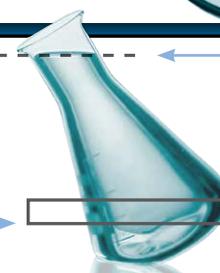
EPA standards for Total Coliform and *E. coli*

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



CHLORINE

Actual Average
3 samples – 0.8 mg/L



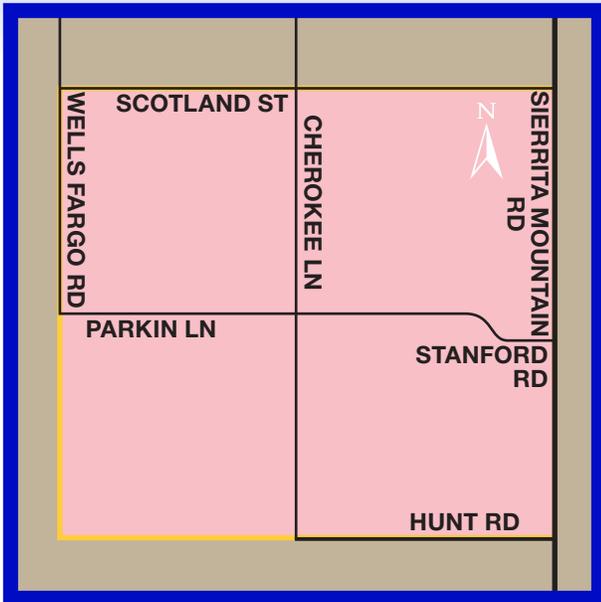
EPA Standard
Max. 4.0 mg/L

Tucson Water target average
0.8 to 1.2 mg/L

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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)

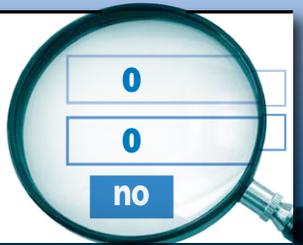
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
94	39	1.68	0.48	7.9	216	93.4

*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

EPA Standard Max. 4.0 mg/L

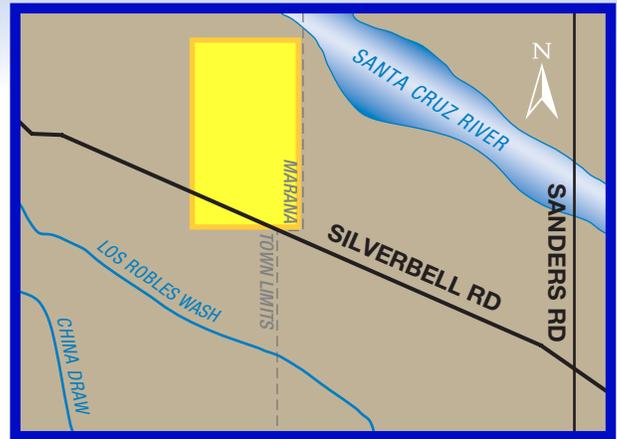
Tucson Water target average 0.8 to 1.2 mg/L

Actual Average 1 sample - 0.7 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)

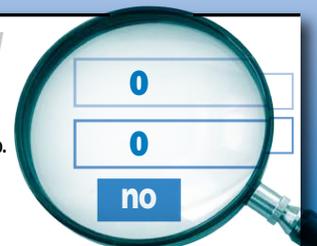
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
316	87	2.35	0.46	7.5	628	90.1

*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?

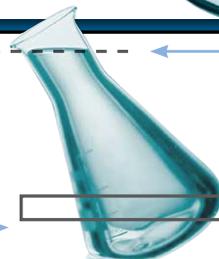


CHLORINE

EPA Standard Max. 4.0 mg/L

Tucson Water target average 0.8 to 1.2 mg/L

Actual Average 1 sample - 0.7 mg/L

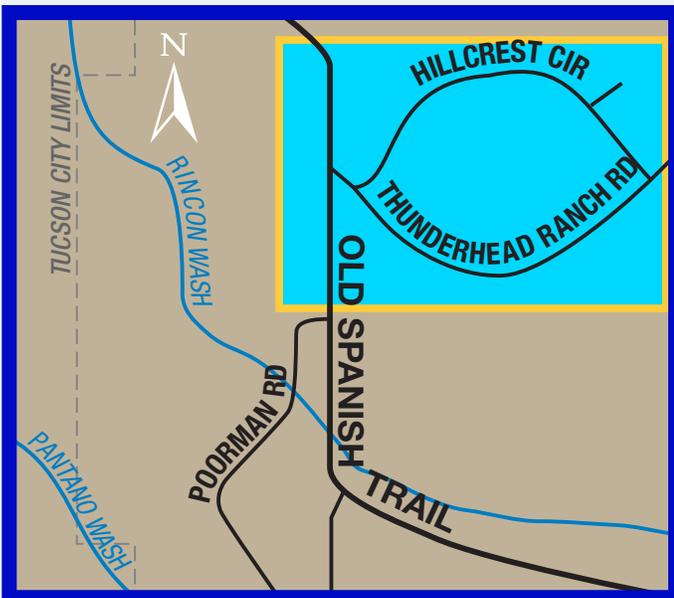


July 2016

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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)

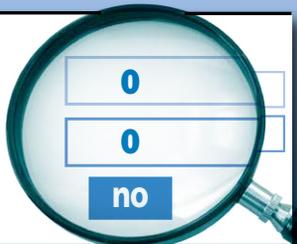
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
86	14	1.64	0.16	7.8	148	89.8

*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 – 1.1 mg/L

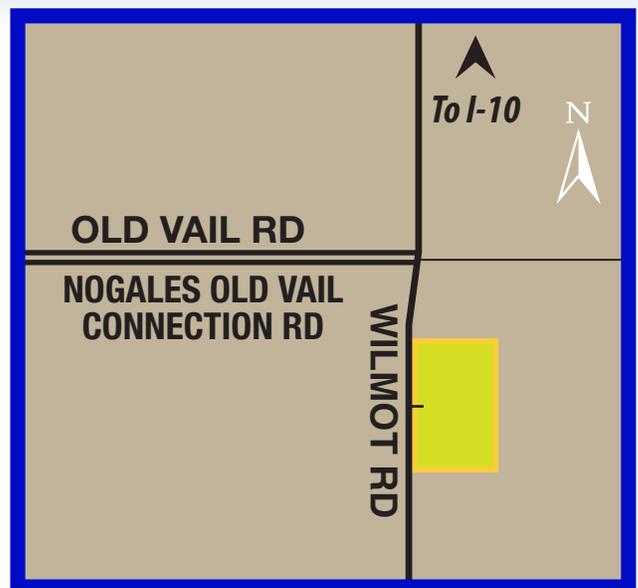


EPA Standard
Max. 4.0 mg/L

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)

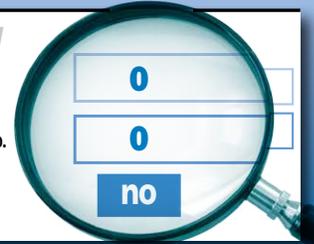
Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
202	42	0.80	0.30	7.6	353	75.7

*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 – 0.5 mg/L



EPA Standard
Max. 4.0 mg/L

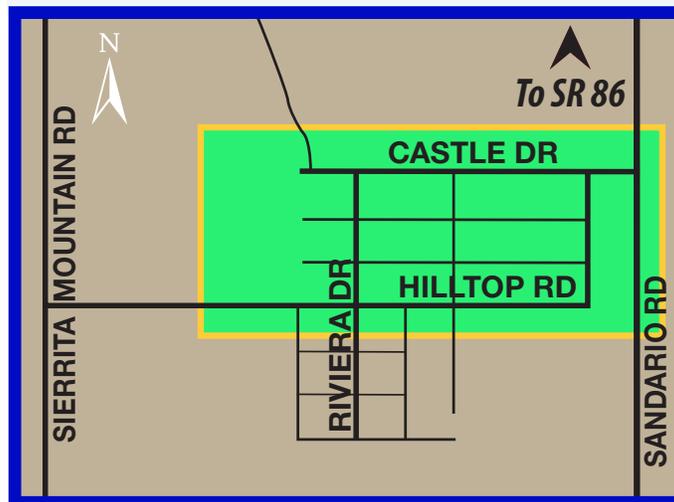
Tucson Water target average
0.8 to 1.2 mg/L

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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
114	46	1.73	0.57	7.6	269	91.0

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

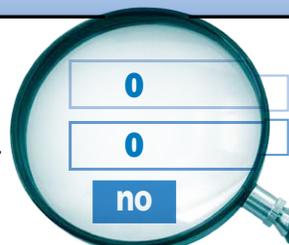
TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.

E. coli positive samples/mo.

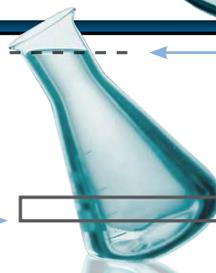
Follow-up assessment required?



CHLORINE

Actual Average

1 sample – 0.8 mg/L



EPA Standard
Max. 4.0 mg/L

Tucson Water
target average
0.8 to 1.2 mg/L