



# Paradise Valley

## Typical Water Quality Information

**PWSID Number:** 04-07-056

**Area Served:** Portions of Paradise Valley and Scottsdale - Area served—west from the Arizona Canal to 40<sup>th</sup> Street south to Camelback Road and north to Foothill Drive.

### Where Does My Water Come From?

Water in the Paradise Valley system comes from wells that pump groundwater from aquifers in the northern portion of the West Salt River Valley Sub-basin, bordering the Phoenix Mountains.

The water supply is distributed for residential and commercial use

### Average amount of water supplied to customers on a daily basis

9.4 million gallons per day

Parameter	Average or Range	Comments
pH	6.8-8.4 pH Units	A measurement of water acidity, 7.0 is neutral
Total Hardness (as CaCO <sub>3</sub> )	256-325 mg/L	No MCL - Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	15-19 grains/gallon	No MCL - Naturally occurring
Fluoride	0.3-0.4 mg/L	Naturally occurring from erosion of natural deposits
Sodium	49.0-55.7 mg/L	No MCL – Informational only
Iron	0.00-0.05 mg/l	Secondary Standard Limit = 0.3 mg/L

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Type of disinfection	Chlorination	
Disinfectant residual level in the distribution system (average)	0.50-1.45 mg/L	Maximum Residual Disinfectant Level based on Running Annual Avg. < or = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	4 µg/L	Action Level = 15 µg/L
Copper [90 <sup>th</sup> percentile result]	0.404 mg/L	Action Level = 1.3 mg/L
Nitrate as Nitrogen	3.79-4.66 mg/L	MCL = 10 mg/L
Arsenic	5-8 µg/L	MCL = 10 µg/L
Alkalinity as CaCO <sub>3</sub> , mg/L	200 mg/l	No MCL – Informational only
Sulfate, mg/L	32.5-42.3 mg/L	No MCL – Informational only
Total Dissolved Solids, mg/L	330 mg/L	No MCL – Informational only

**Definitions**

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days
- µg/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations

For more information about water quality in your area, please contact  
**Bobbi Nissen at 623-780-3768**

Other inquiries should be directed to our  
**Customer Service Center at 1-800-383-0834**