



WATER RESOURCES ELEMENT[†]

Scottsdale has a multi-faceted water resources portfolio aimed at providing the community with a long-term assured water supply. This portfolio consists of surface water supplies, which include Salt and Verde River water from Salt River Project and Colorado River water from Central Arizona Project; groundwater supplies; and reclaimed water. Scottsdale's water resource systems include water supplies, water treatment, water transmission and delivery, wastewater collection, wastewater treatment systems, and both reclaimed and irrigation water distribution systems.[‡]

As required by the State of Arizona, Scottsdale has an assured water supply designation that ensures sufficient water supplies are available for the next 100 years before allowing any new development. Scottsdale has focused on obtaining surface water supplies, increasing recharge efforts, and reducing groundwater pumping. In 2006, the city achieved a significant milestone by reaching safe-yield in groundwater usage, where groundwater recharge is greater than the amount pumped. Scottsdale is demonstrating responsible stewardship of groundwater resources and maintaining a sustainable water supply for future generations by not withdrawing more groundwater than is replenished through natural or artificial recharge.

Although Scottsdale manages and protects the water supply, the first and most critical step in planning and preparing for drought is proactive conservation of water by using water efficiently, reducing waste, and maximizing use of reclaimed water, gray water, and harvested rainwater. All citizens can help ensure we have enough water for future generations by efficient use of water on a daily basis.

The goals and policies of the Water Resources Element ensure that Scottsdale continues to provide safe, reliable, and quality drinking water to the community, now and into the future.

Goals and Policies

GOAL WR 1 †

Ensure renewable, long-term water supplies for the community.

Policies

- WR 1.1 †** Maintain State-mandated safe-yield conditions in the city’s water service area by minimizing groundwater pumping and maximizing the amount of groundwater recharge. *[Cross-reference Conservation and Water Resources Development Elements]*
- WR 1.2 †** Protect existing supply and ensure adequate future supply of renewable water sources, including Colorado River and Salt River Project water rights, credits, and/or reclaimed water, to meet growth projections. *[Cross-reference Conservation Element]*
- WR 1.3 †** Update the city’s 100-year Assured Water Supply designation as new sources of water supply are acquired.
- WR 1.4** Continue to manage water and wastewater resources as critical parts of a sustainable community. *[Cross-reference Environmental Planning; Conservation; and Public Services & Facilities Elements]*
- WR 1.5** Encourage private septic system users to connect to the city’s sewer collection system, where practical.
- WR 1.6** Continue to provide a reliable, high-quality water and wastewater system that achieves the highest level of customer satisfaction.
- WR 1.7 †** **(NEW)** Site, drill, construct, and equip new groundwater recharge wells, when needed, in the most effective locations available to help stabilize groundwater levels, protect water supplies, and mitigate land subsidence.
- WR 1.8** **(NEW)** Ensure the city’s drinking water distribution system can effectively deliver drinking water to every part of the water service area. *[Cross-reference Public Services & Facilities Element]*
- WR 1.9** **(NEW)** Continue working with regional partners, other government entities, and tribal communities to facilitate shared water demand and sustainable management of water resources.
- WR 1.10** **(NEW)** Proactively maintain and replace water delivery and effluent recapture system infrastructure. *[Cross-reference Public Services & Facilities Element]*
- WR 1.11** **(NEW)** Expand and modify the reclaimed water distribution system, as feasible, to enhance groundwater recharge and reuse. *[Cross-reference Conservation Element]*

GOAL WR 2 (NEW)

Plan, prepare for, and adapt to significant climatic impacts on the water supply, such as short-term and extended drought.

Policies

WR 2.1 (NEW) Educate the public on preparedness, planning, and response for drought and other emergencies affecting the water supply. *[Cross-reference Conservation and Safety Elements]*

WR 2.2 (NEW) Closely monitor drought conditions and implement the least drastic mitigation measures required. *[Cross-reference Conservation and Safety Elements]*

WR 2.3 (NEW) Minimize the impacts of drought on residents by using short-term and long-term approaches to drought preparedness, response, and recovery. *[Cross-reference Safety Element]*

WR 2.4 (NEW) Effectively communicate the procedures and available resources information to the community in the event of extreme drought or other emergency. *[Cross-reference Safety Element]*

WR 2.5 (NEW) Periodically update Scottsdale’s Drought Management Plan to reflect current and projected water supplies, demands, and infrastructure with an emphasis on water use efficiency. *[Cross-reference Conservation and Safety Elements]*



JENNY LIN RD.

CIRCLE MOUNTAIN RD.

HONDA BOW RD.

ROCKAWAY HILLS RD.

DESERT HILLS DR.

JOY RANCH RD.

STAGECOACH PASS

CAREFREE HWY.

DOVE VALLEY RD.

LONE MOUNTAIN RD.

DIXILETA DR.

DYNAMITE BLVD.

JOMAX RD.

HAPPY VALLEY RD.

PINNACLE PEAK RD.

DEER VALLEY RD.

LOOP 101

UNION HILLS DR.

BELL RD./FRANK LLOYD WRIGHT BLVD.

GREENWAY PKWY.

THUNDERBIRD RD.

CACTUS RD.

SHEA BLVD.

DOUBLETREE RANCH RD.

McCORMICK PKWY.

INDIAN BEND RD.

LINCOLN DR.

McDONALD DR.

CHAPARRAL RD./CAMELBACK RD.

CAMELBACK RD.

INDIAN SCHOOL RD.

THOMAS RD.

McDOWELL RD.

LOOP 202

McKELLIPS RD.

BARTLETT DAM RD.

RIO VERDE DR.

CAVE CREEK RD.

TATUM BLVD.

PALISADES BLVD.

BEELINE HWY. (87)

SCOTTSDALE AVENUE

GALVIN PKWY.

SCOTTSDALE RD.

HAYDEN RD.

PIMA RD.

LOOP 101

56th ST.

64th ST.

96th ST.

104th ST.

112th ST.

120th ST.

128th ST.

136th ST.

142th ST.

Water Resources

City of Scottsdale
Approximate Water Service Area

Scottsdale McDowell Sonoran Preserve
(See Open Space Element)



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