

Villa Grande Domestic Water Improvement District (DWID)

Source Water Protection Plan

Arizona Department of Environmental Quality (ADEQ)'s Source Water Protection (SWP) Program recently completed the SWP Plan for the Villa Grande DWID water system. The purpose of the SWP Plan is to protect the community's drinking water from contamination. Any potential source of contamination within one-half mile of your drinking water wells are of the greatest concern since they can most easily become a risk to human health. The following recommendations from the SWP Plan will help ensure that the community's drinking water remains protected for many years to come.

systems are designed to handle pet waste.

Collect automotive fluids for proper storage and disposal. Automotive fluids should be stored in containers designed for each specific type of fluid. Most automotive fluids can be disposed of at local auto parts stores and household hazardous disposal facilities or events.

Avoid using copper-based algae control products in local pools.

Encourage use of low-flow plumbing fixtures.

Work with local authorities to post signs:

- "This is a Drinking Water Protection Area"
- "Do Not Dump" sign at the drainage ditch to the south of the well site

Keep your SWP Plan up to date.



Recommendations for Neighbors



Speak with your neighborhood group to:

Set maintenance schedules for inspecting and pumping septic tanks in the area.

Keep animal waste picked up daily and covered, if stored.

- Manure can be composted and arrangements can be made to take it to local farms. Or, there are companies that specialize in collection and disposal of these wastes.
- Pet waste should be scooped, bagged and placed in the garbage for disposal—not flushed down the toilet or left on grounds where it could potentially leach into groundwater. Few residential septic

Recommendations for Farmers and Businesses



Speak with your local farmers and businesses to:

Follow best management practices to limit excess use of fertilizer and other agricultural chemicals. Following best management practices can significantly reduce the risk of contaminating source water.

Identify potential sources of contamination (e.g., underground storage tanks, chemical storage, improper waste disposal)

Update your plan every two to three years to account for land use changes. Review the SWP areas annually for changes in land use and potential sources of contamination.

Additional information and best management practices can be found in the Villa Grande DWID Source Water Protection Plan that ADEQ provided to the community.

Source Water Protection Contact Information

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