

Stormwater Pollution Solutions



STORMWATER RUNOFF

The Town of Marana has two drainage systems—sanitary sewer and storm drains. The storm drain system is designed to help prevent flooding by carrying excess rainwater away from streets. Since the storm drain system does not provide for water treatment, it also serves the unintended function of transporting pollutants directly to our waterways.

Unlike sanitary sewers, storm drains are not connected to a treatment plant – they flow directly to our local streams, rivers, and lakes.

Discharges that can introduce pollutants into our waterways through stormwater runoff include soaps, automotive fluids, litter, sediment, pesticides, pool chemicals, and many other materials washed off roadways, sidewalks, buildings, vehicles, and other equipment.



These materials can degrade local waters when allowed to enter into a storm drain system.

Remember, it is easier and less costly to prevent pollution than it is to clean it up.

CONTACT US:

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<https://www.maranaaz.gov/Departments/Development-Services/Stormwater-Education>

BEST MANAGEMENT PRACTICES FOR POOL & SPA CONSTRUCTION

- Manage sediment from the excavation to minimize the potential for erosion during a rain storm
- Avoid excavation during wet weather.
- Cover excavated soil with a tarp to prevent it from being carried into streets and gutters with runoff and from being tracked into the street on vehicle tires.
- If you do not need all the excavated soil, remove it from the site to prevent runoff into the storm drain.
- Design drainage so that pool splash water infiltrates into the soil and does not drain toward the house or street.
- Repair damage to grass and other landscaping to prevent soil erosion in those areas.
- Cement, gunite, and mortar from construction must be disposed of properly. Do not discharge these materials or associated water to storm drains.



POOL AND FILTER MAINTENANCE

BACKWASH WATER

- Backwashing your pool filter releases filtered materials or impure water from a pool or spa
- The Town of Marana Pool and Spa Code require backwash water to be disposed of and contained on site.
- Backwash water can be used on-site to water salt-tolerant plants.

POOL/SPA DRAINING

- Pools may be drained to the street when the water being discharged is untreated for 3 days (72 hours) and is chlorine free.
- Water pH must be 7 plus or minus 0.5 with no known biological hazards present. Water pH can be tested with home test kits.
- Any stain or residue resulting from water disposal can be removed by rinsing with potable water or other approved means.
- Water may be discharged to a wash when the water is chlorine free and measures are put in place to prevent erosion of the wash bank or channel.
- If a pool or spa has been acid washed, this highly acidic water may not be discharged off-site.