

What are some of the pollutants entering into the storm drain system that should not be there?

**1. Automotive**

- Gasoline
- Motor Oil
- Antifreeze
- Auto Transmission Fluid
- Car Exhaust
- Tire Rubber
- Brake Fluid
- Grease
- Degreasers
- Trace Metals
- Rubber



**2. Household**

- Barbecue Lighter Fluid
- Paints
- Paint Flakes
- Paint Thinner
- Carpet Cleaning Solution
- Garbage
- Drain Cleaner
- Bleach
- Window Cleaners
- Paint Strippers
- Disinfectants
- Wood Preservatives
- Polish
- Household Cleaning Agents



**3. Pet**

- Flea Killers
- Pet Wastes
- Cat Litter

**4. Yard**

- Sawdust
- Pesticides
- Lawn Fertilizers
- Soapy Runoff
- Eroded Soil
- Herbicides
- Leaves
- Grass Clippings
- Weed Killers
- Swimming Pool Chemicals
- Fertilizers



**5. Other Pollutants**

- Solvents
- Dirt
- Rust Flakes
- Trace Metals
- Synthetic Compounds
- Septic Tank Leaks



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# Storm Water Pollution Prevention



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# Questions

## What is Storm Water Runoff?

Storm water runoff is the rainwater that runs over the land and into our desert washes, ponds, and rivers here in Southern Arizona. This runoff water comes into contact with many pollutants that are a result of human interaction on its way to our surface water channels. This polluted water eventually affects the cause of the problem, people. The contaminated water may reach our groundwater, which is used for the public water supply in many areas. It may cause harm to the plant and animal species living in the surrounding area or downstream. The Environmental Protection Agency (EPA) has estimated that 50% of our nation's water pollution is caused by storm water runoff.

## What is a Storm Water Pollution Prevention Plan?

A storm water pollution prevention plan is a plan that will help prevent pollutants from entering waterways.

## What are the benefits of a Storm Water Pollution Prevention Plan?

There are many benefits of storm water management. Implementing this program will decrease flooding and result in increased safety and a reduction in property damage. A storm water management program will also improve surface water quality.

The final destination of all polluted storm water in the Marana area is the Santa Cruz River and our ground water. Storm water pollution will affect you and your environment if we do not do something to prevent it.

## What can I do to help?

There are many ways you can help prevent pollution of our storm water. Some of these are:

1. **Maintain your vehicle properly** - change the oil and the air filter regularly. This will help increase your car's performance and fuel economy. Bad spark plugs decrease your car's performance too! Follow manufacturer's recommendations to replace them.
2. **Don't wash your car in the driveway**, pull it into the yard so most of the wash water stays in your yard
3. **Don't wash the sidewalk with the hose**, instead, pick up litter and sweep the dust into a dustpan and discard it.
4. **Try to control pests in your yard and garden without using chemicals**. Ladybugs love to eat aphids on your roses!
5. **Follow landscape watering guidelines so you don't over-water**. Xeriscape with arid climate plants with lower water requirements.
6. **Don't drain your pool, spa, hot tub, or fountain** into the storm drain or your street
7. **Don't throw litter on the street** or dump anything into the storm drains
8. **Report any illegal dumping** in the Town of Marana by calling 382-2600
9. **Get Involved:**  
Adopt-A-Roadway  
Forms are available at the Town of Marana Operations Center
10. **Carpool** - your car will last longer, and save money on fuel too!



# Facts



1. Dumping one quart of Motor oil down a storm drain contaminates 250,000 gallons of water.
2. About 13% of all motor oil purchased leaks into streets.
3. The oil from one car engine can produce an 8-acre oil slick.
4. 25 million tons of rubber wear off American tires every week, leaving behind tire dust on the roadways and parking lots that contains zinc and other trace metals.
5. Typical homeowners use 5 to 10 pounds of chemicals on their lawns each year.
6. As much as 50% of all household hazardous waste is liquid.
7. Paved surfaces and rooftops cover 40-80% of an urban area.
8. Water runs off paved surfaces 10 times faster than off unpaved surfaces.
9. YOU can make a difference!

