

## You can participate by:

- A.) Reporting any deliberate, illegal discharges of prohibited items such as motor oils, suspected hazardous waste, or accidental large spills from gasoline tankers to Cochise County Engineering Department.
- B.) Volunteering for any clean-up program in your neighborhood.
- C.) Keeping your property free of solid or liquid waste that may runoff into storm sewers or streams.
- D.) Not putting any type of waste on the ground and/or street.
- E.) Minimizing use of pesticides and using fertilizers wisely.
- F.) Always picking up after your pets to prevent disease causing bacteria from runoff rain water.

## Impacts of effective Stormwater control measures on the environment:

Effective stormwater control measures can reduce and eliminate harmful pollutants from going into receiving surface-water bodies and prevent pollutants from percolating into aquifers along with stormwater and thus keeping groundwater safe as well.



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## Clean Water & Municipal Separate Storm Sewer System (MS4)



*Public Programs...Personal Service*  
[www.cochise.az.gov](http://www.cochise.az.gov)

## What is MS4?

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MS4 is a general permit issued to Cochise County by Arizona Department of Environmental Quality (ADEQ) that authorizes the discharge of stormwater from small Municipal Separate Storm Sewer Systems (MS4) within un-incorporated areas provided that the permittee complies with all the requirements set forth.

## Purpose of the MS4 Permit

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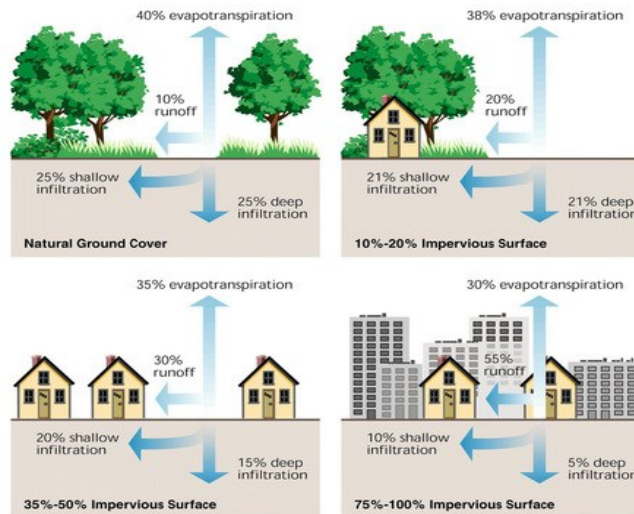
The conditions in the permit are established pursuant to the Clean Water Act (CWA) §402(p)(3)(iii) to ensure the pollutant discharges through stormwater from the MS4s are reduced to the maximum extent practicable (MEP), protect water quality, and satisfy the appropriate water quality requirements of the CWA.

## Effect of Stormwater discharges on water bodies within your community

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Rainfall washes numerous pollutants (such as Motor Oil, Fertilizers, Pesticides, Pathogens, Detergents, and other Chemicals) off roads, lawns, and other surfaces and carries them into the nearest body of water. These toxic pollutants can contaminate the aquatic inhabitants including fish, sources of drinking water and waterways.

## Effects of imperviousness on runoff and Infiltration



## Reducing Discharge of Pollutants

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Cochise county's goal is to reduce the discharge of pollutants through six control measures to the maximum extent practicable (MEP), to protect water quality and to satisfy the water quality requirements of the Clean Water Act.

## What are the six control measures?

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- 1.) Public Education and Outreach.
- 2.) Public Involvement and Participation.
- 3.) Illicit Discharge Detection and Elimination (IDDE).
- 4.) Construction Activity Stormwater Runoff Control.
- 5.) Post-construction Stormwater Management in New Development and Re-development.
- 6.) Pollution Prevention and Good Housekeeping for Municipal Operations.