

## Non-Point Source Pollution

Non-Point Pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, finally depositing them into West Virginia lakes, rivers, wetlands, coastal waters and ground waters.

### WHAT YOU CAN DO TO HELP!

**PLANT  
MORE  
TREES!**

ShiftGreen



**Recycle  
Used Motor Oil**

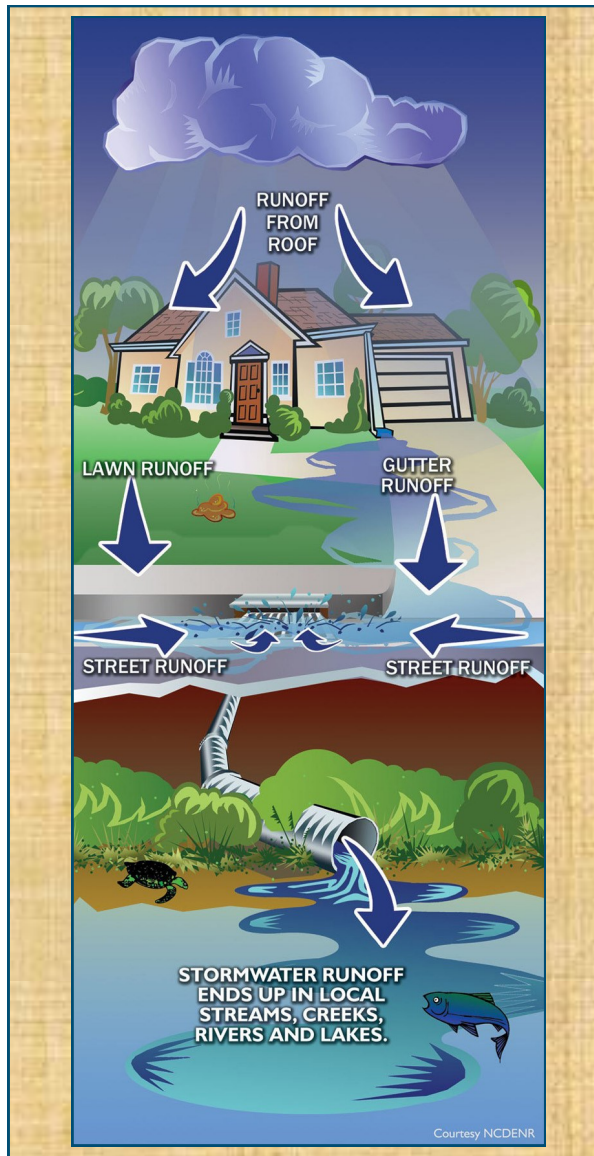
**Please Be A  
Responsible  
Dog Owner**



When you're fertilizing the lawn, remember you're not just fertilizing the lawn.



The average rainfall of one inch within a 24 hour period can produce more than 700 gallons of water that runs off a typical house!



Program Funding Provided By:  
 WV Department of Environmental Protection  
 Division of Water & Waste Management  
 NonPoint Source Program  
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## How to Build and Install a Rain Barrel



Using rain barrels is a great way to decrease your household's impact on local waterways and to help you become a good steward of our rivers and streams. This brochure will provide you with information to make your own rain barrel!

## Rain Barrel Parts Kit

Kits used at our workshops are purchased from [www.aquabarrel.com](http://www.aquabarrel.com)\*

### Universal DIY Rain Barrel Parts Kits Include:

- Diverter Dam (Flexi-Fit Diverter)
- Winter Cover
- Threaded Seal (2)
- Drain Assembly
- Spigot - Shut Off
- Hose Seal (2)
- 3pc Hole Saw Set
- Fill Hose
- Screws
- Instructions
- Do Not Drink Sticker

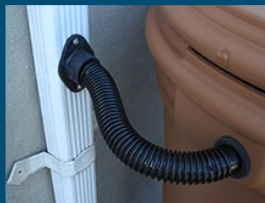


Parts to retro-fit a barrel may also be purchased at a local hardware store, many designs can be found online by searching "how to Make a rain barrel."

## How the Diverter Works

We find the diverter feature limits erosion issues and is safe method to direct the water flow into the barrel.

1. It can be used with nearly any container that holds water.
2. Can install without disassembling your downspout – just drill one hole into the downspout.
3. Flexi-Fit downspout diverter catches water as it comes down the downspout and sends it into the barrel.
4. When the rain barrel is full the water does not enter the barrel, but continues down the downspout as normal.
5. This kit includes the drill bits for the proper sized holes to be cut into your container. All you need is a drill!



## Show You Care

Share your knowledge with your neighbors and community!

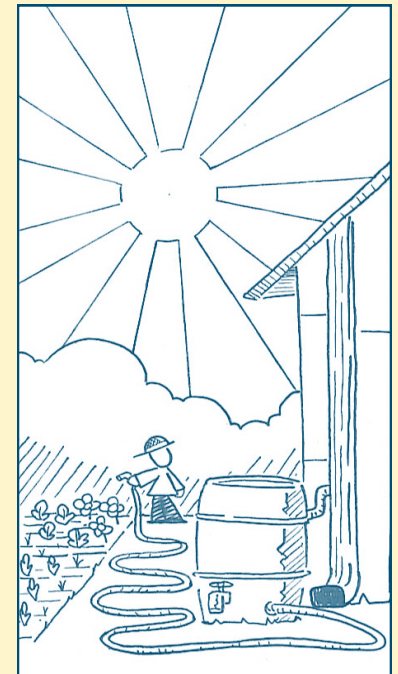


Illustration Provided by Ian Bode

### Remember, Safety First!

1. *Your rain barrel must be secured on a firm, level surface.* A full 55-gallon rain barrel weighs over 400 lbs. and tipping is a risk if it's unsecured or on uneven ground.
2. The barrel must be structurally sound and made to hold liquid.
3. The water from the rain barrel should never be used for drinking, cooking or other potable uses.
4. Your rain barrel must overflow to a safe discharge point, which will prevent erosion.

