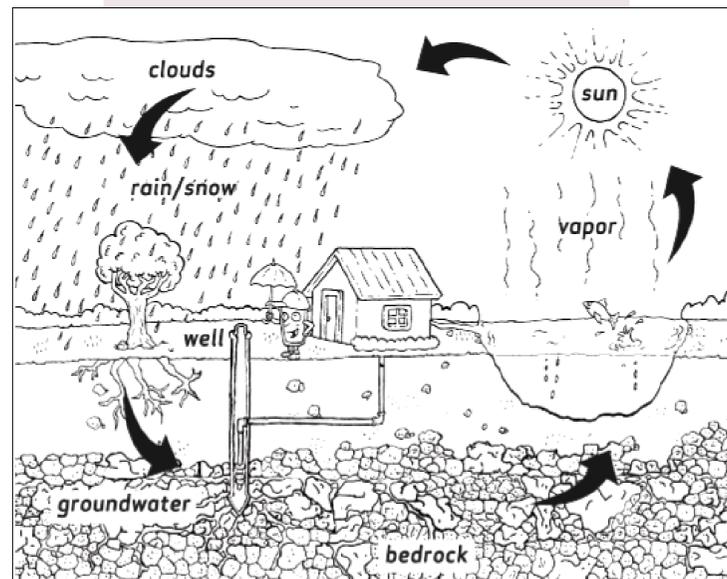




# Stormwater Basics & Fundamentals

## A LOOK AT THE PROCESS

### WATER CYCLE



“How can I help?”

According to federal regulations, many cities and industries must reduce water pollution from storm sewers. We can help by taking steps around the home to **increase the amount of water that soaks into the ground**. This reduces the amount of water flowing into the street. Here's what you can do:

**-CONTROLLING STORMWATER POLLUTION - WE CAN ALL HELP-**



- Plant trees, shrubs or ground covers.
- Maintain a healthy lawn.
- Redirect down spouts from paved areas to vegetated areas.
- Install gravel trenches along driveways or patios.
- Use porous materials such as wooden planks or bricks for walkways and patios.
- If building a new home, have the driveway and walkways graded so water flows onto lawn areas.
- Use a rain barrel to catch and store water for gardens.
- Wash your car on the lawn, not the driveway, or take your car to a commercial car wash.
- Report any stormwater pollution you find. Call 342-5070

### YOU CAN MAKE A DIFFERENCE

**PROPER WASTE DISPOSAL**

**HAZARDOUS WASTE COLLECTION**

**EPA Household Hazardous Waste Steps to Safe Management**

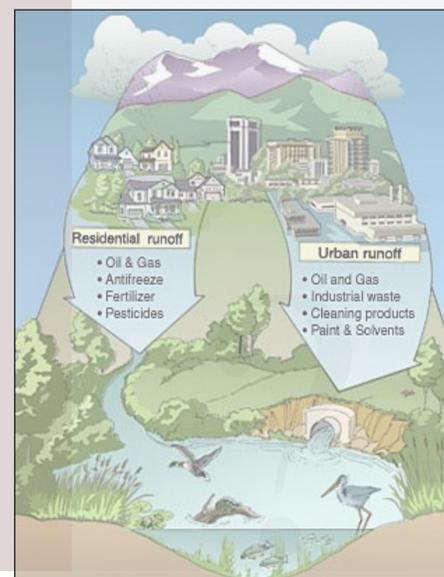
**VOLUNTEER!**

**NO WASTE TO STREAM**

### QUICK FACTS

- ❑ STORMWATER DOES NOT GET TREATED BY WATER TREATMENT FACILITIES.
- ❑ SOIL AND SILT CONTAMINANTS CAN HARM FISH AND THEIR FOOD SUPPLY.
- ❑ 3 LARGEST SOURCES OF STORMWATER POLLUTANTS:
  - PESTICIDES FROM AGRICULTURE
  - URBAN RUNOFF
  - CONSTRUCTION SITE SEDIMENT
- ❑ 1 GALLON OF OIL IN A STORM DRAIN CAN POLLUTE UP TO A MILLION GALLONS OF STORMWATER.
- ❑ DECAYING MATERIALS CAUGHT IN STORM DRAINS CAN RAISE LOCAL MOSQUITO COUNT AND LOWER VITAL OXYGEN LEVELS FOR FISH.
- ❑ 2 OUT OF 3 PEOPLE DO NOT REALIZE STORMWATER DRAINS DIRECTLY INTO CREEKS AND RIVERS.
- ❑ DEPOSIT OF SOILS AND SEDIMENT BUILD UP IN STORMWATER DRAINAGE SYSTEMS CAN CAUSE FLOODING

### URBAN & INDUSTRIAL RUNOFF



### IMPACTS



Did you know dumping just 1 quart of motor oil can contaminate 250,000 gallons of water!?

Polluted stormwater has enormous impacts on wildlife.

### RUNOFF CYCLE

