



City of Hendersonville

Stormwater Education Program

What is Stormwater Runoff?

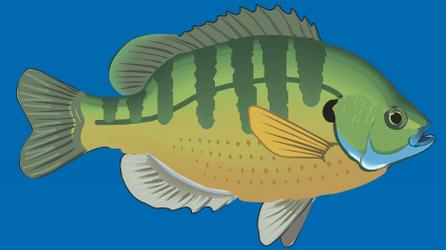
- **Stormwater runoff** is precipitation from rain that flows over the ground.
- As stormwater flows over driveways, lawns, and sidewalks, it picks up debris, chemicals, dirt, and other pollutants.



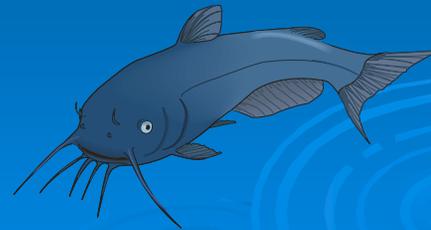
- The storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.



- Polluted runoff is the nation's greatest threat to clean water.



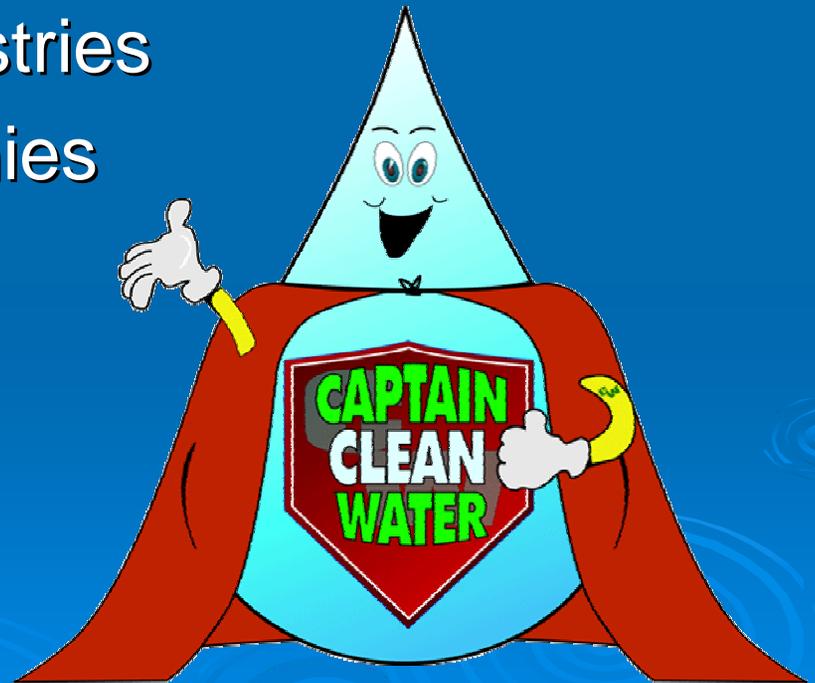
- Polluted stormwater is referred to as **nonpoint source pollution**.



Stopping pollution at its source will require all of us to make changes!

3 Focus Groups for Changes:

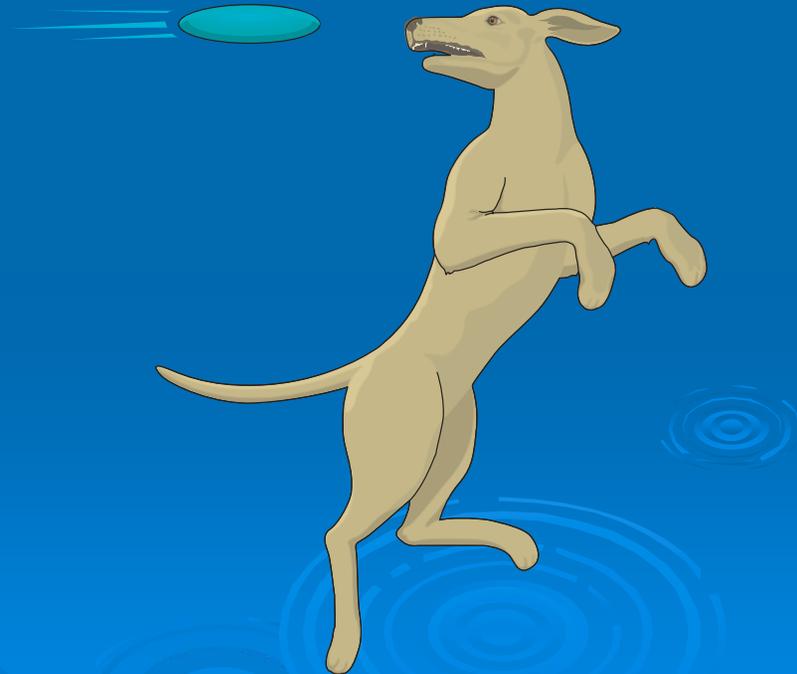
- Citizens
- Businesses and Industries
- Construction Companies



PET CARE

The best place for each of us to begin to prevent stormwater pollution is in our own home and in our own backyard!

- Pick up pet waste and dispose of it properly.
- Leaving pet waste on the ground increases public health risks.



VEHICLE AND GARAGE

- Use a car wash or wash your car on a lawn or unpaved surface.



- Inspect and maintain your car, boat, motorcycle, and lawnmowers for leaks of oil, antifreeze and other fluids.



- ***Do not dump automotive fluids into the storm drain!***

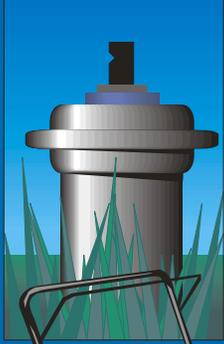


- Used kitty litter to clean up leaks and spills.
- Reduce automobile use by carpooling, riding the bus, or walking.

LAWN AND GARDEN

- Use pesticides and fertilizers sparingly.
- Avoid application if the forecast calls for rain.
- Select native plants and grasses that are drought and pest resistant.





➤ Do not blow or rake leaves into the street, gutter or storm drains.



➤ Don't over water your lawn. Water during the cool times of the day.

➤ Cover piles of dirt and mulch being used in landscaping projects to prevent these pollutants from blowing or washing away.



➤ Rain barrels can collect rainwater from rooftops in mosquito-proof containers.



- Rain gardens and grassy swales provide natural places for rainwater to collect and soak into the ground.
- Vegetate bare spots in your yard to prevent soil erosion.
- Vegetated filter strips trap the pollutants as it flows across driveways and streets.



SEPTIC SYSTEMS

- Inspect your system every 3 years and pump your tank as necessary (every 3-5 years).
- Care for the septic system drain field by not driving or parking vehicles on it.

Flush responsibly! Do not flush chemicals, diapers, paper towels or cat litter.



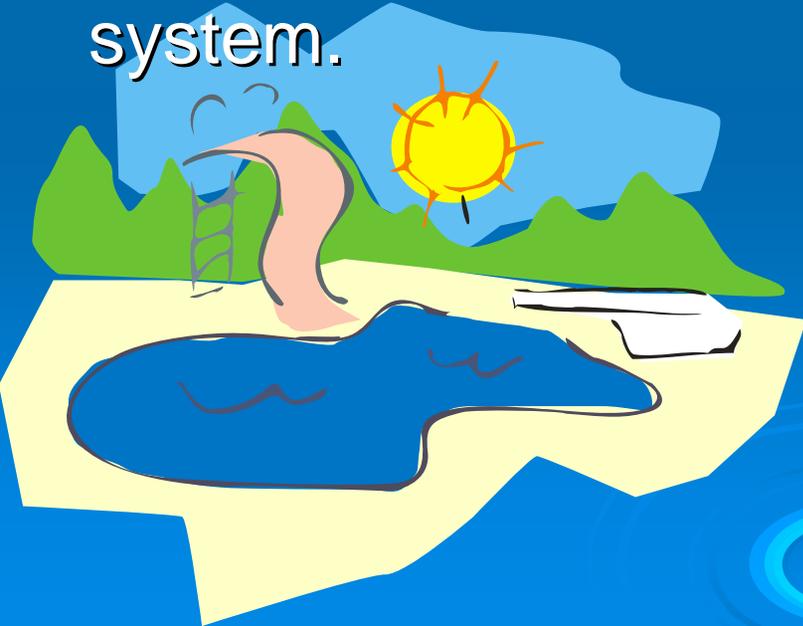
HOME REPAIR & IMPROVEMENT

- Use hazardous substances like paints, solvents, and cleaners in the smallest amounts possible, and follow the directions on the label.
- Clean up spills immediately, and dispose of the waste safely. Store substances properly to avoid leaks and spills.
- Clean paint brushes in a sink, not outdoors. Filter and reuse paint thinner when using oil-based paints.



SWIMMING POOL AND SPA

- Drain your swimming pool only when a test kit does not detect chlorine levels.
- Whenever possible, drain your pool or spa into the sanitary sewer system
- Filter backwash should drain into the sanitary sewer system.



- Properly store pool and spa chemicals to prevent leaks and spills, preferably in a covered area.

COMMERCIAL

- Sweep up litter from sidewalks, driveways and parking lots, especially around storm drains.
- Cover grease storage and dumpsters and keep them clean to avoid leaks.
- Report any chemical spill to the local hazardous waste cleanup team (Road Superintendent).



AUTOMOTIVE FACILITIES

- Provide cover over fueling stations and design or retrofit for spill containment.
- Clean up spills immediately and properly dispose of cleanup materials.
- Install and maintain oil/water separators.

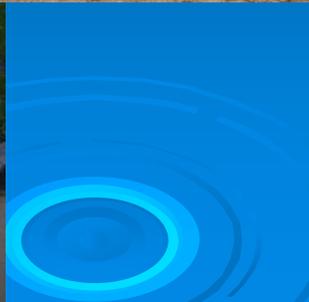


CONSTRUCTION

- Place trash cans and recycling receptacles around the site.
- Cover and maintain dumpsters. Check frequently for leaks.
- Schedule excavation and grading work for dry weather.



- Use as little water as possible for dust control.
- Divert stormwater away from disturbed or exposed areas of the construction site.
- Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.



AGRICULTURE

- Keep livestock away from stream banks and provide them a water source away from waterbodies.



- Rotate animal grazing to prevent soil erosion in fields.
- Apply fertilizers and pesticides according to label instructions.



FORESTRY

- Improperly managed logging operations can result in erosion and sedimentation.
- Conduct preharvest planning to prevent erosion.



- Expedite revegetation of cleared areas.

MORE THINGS YOU CAN DO TO PREVENT POLLUTION...

- Remember to reduce, reuse, and recycle all materials whenever possible.
- Volunteer to stencil a storm drain!
- If you would like more information, contact the City of Hendersonville Public Works Department.



Contact Information

- Emergency spill response & hazardous waste -Paul Durham 822-1007
- Storm Water - Jerry Horton 822-1016
- Resource Authority 452-4637

