

Solutions in the Community



Anyone disturbing one acre or more of land must obtain permit coverage from DEC as of March 10, 2003.

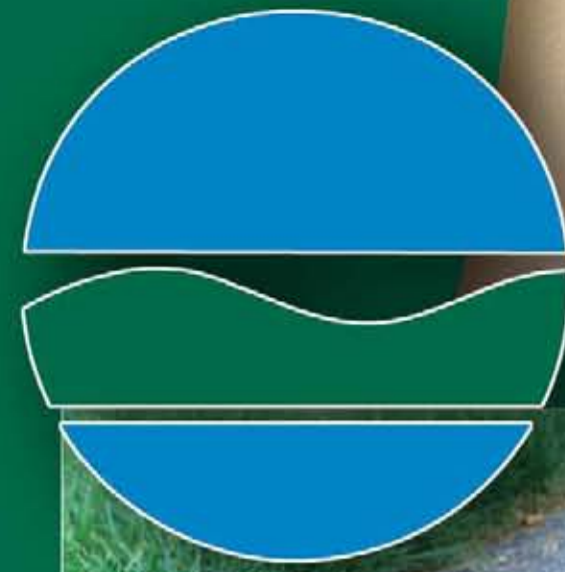
Develop and carry out a Stormwater Management Program for your municipality.



A new barnyard keeps animal waste out of runoff.

For more information visit us on the web at www.dec.state.ny.us

New York State Department of Environmental Conservation



Solutions at Home



Never litter.
Secure your trash cans.



Minimize use of fertilizers and pesticides.

More Solutions at Home

- Never dump anything down storm drains.
- Recycle used motor oil.
- Have your septic system pumped and inspected every 3-5 years.

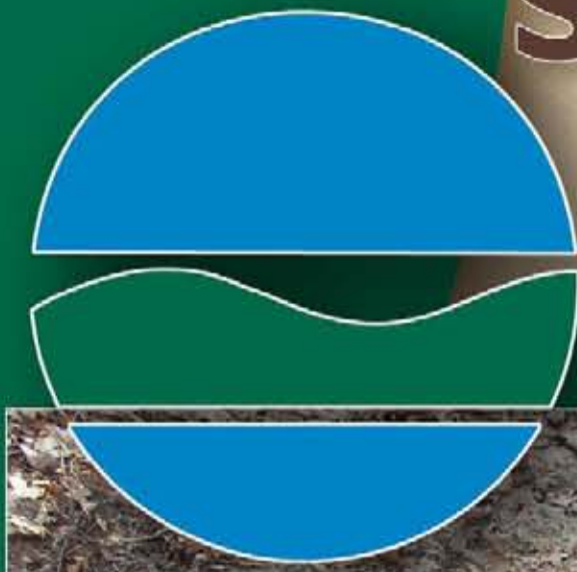
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Check your car for fluid leaks and fix them.

New York State Department of Environmental Conservation

Stormwater Problems



Why is Stormwater a Problem?

As water flows over land, it picks up pollutants like litter, sediment,

pesticides and pet wastes.

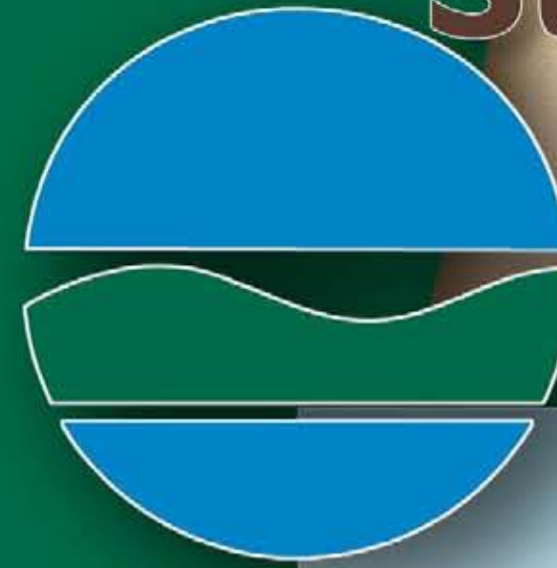
This polluted

runoff enters ditches or storm sewers, which often empty directly into streams and lakes.



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Stormwater Sources



Small sources add up to big pollution problems.



Consider...

Polluted stormwater runoff is a major cause of pollution in New York's impaired waters.

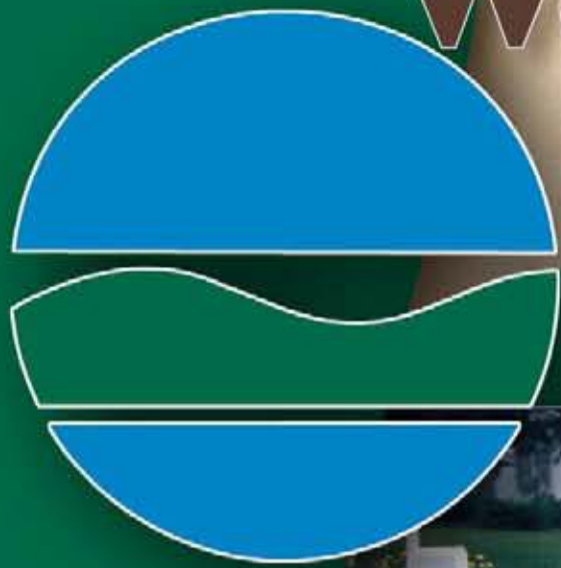


Construction, farm fields and suburban neighborhoods all contribute pollutants to stormwater.



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Wet Weather Issues

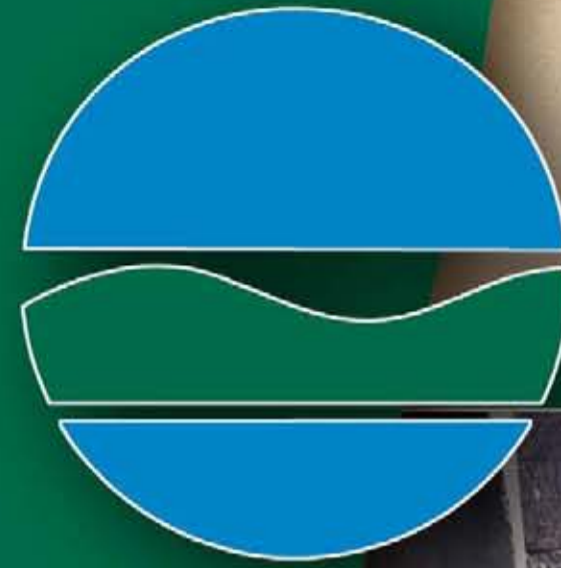


Heavy rains or rapid snowmelt can cause serious water quality problems.



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Pollution Sources



Outdated combined sanitary and storm sewer systems can overflow, causing *combined sewer overflows (CSOs)*.



Sanitary sewer overflows (SSOs) can flood streets and basements if collection systems receive too much water.



Stormwater from streets and construction sites carries pollutants into our waters.

Runoff can carry animal waste from *concentrated animal feeding operations (CAFOs)* into nearby waters.



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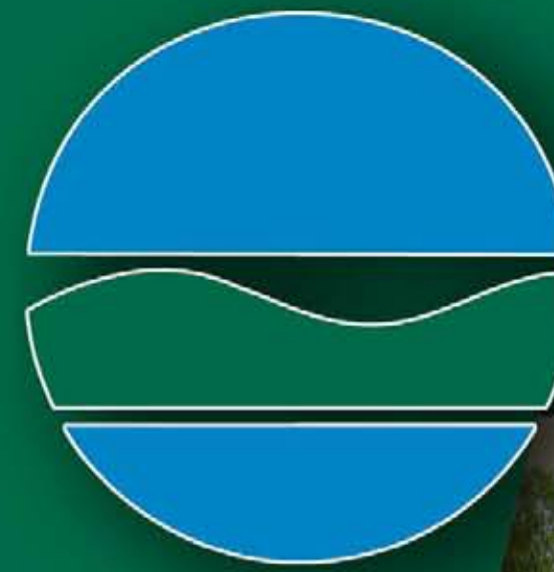
What are the Impacts?



Overflowing sewers, polluted stormwater and poorly managed animal wastes contribute to:

- Beach closures
- Floating debris
- Excess aquatic weed growth
- Cloudiness/turbidity
- Fish kills
- Human health impacts
- Shellfish bed closures in marine waters

For more information visit us on the web at:
www.dec.state.ny.us



What can you do?



Development can be designed to retain stormwater and release it gradually.



Manage and maintain sanitary sewer systems properly.

Proper maintenance is important for sewer collection systems.



Make sure animal waste, agricultural chemicals and fertilizer are properly managed.

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