

PE-5

Make the Connection... Storm Drains are NOT for Dumping!

Have you ever wondered what happens to the water flowing down a storm drain after a storm? Stormwater, the runoff water after it rains or snows, flows from parking lots and streets into storm drains so that the pavement won't be flooded. Underground pipes then channel the stormwater directly to the nearest waterway, usually with little or no treatment. So whatever flows down a storm drain comes out in a nearby waterway, such as a wetland, stream, pond, or the ocean.

Please help keep our local waters clean!

- Never dump anything down storm drains - this includes litter, sand, leaves, pet waste, motor oil, or paint.
- Clear sand, leaves, litter, debris, and snow away from storm drains.
- Support municipal efforts to conduct regular street sweeping and catch basin cleaning.
- Participate in a neighborhood cleanup or storm drain marking project.



For more information, visit our community's website or go to www.stormwatermatters.org.



Over-feeding our lawns
may also **green** our
rivers and ponds!

Green Lawns Without Green Waters!

Applying more fertilizer than the label recommends or your soil needs won't improve your lawn, and instead the extra fertilizer may wash off into nearby waterways. Just as fertilizer helps plants grow on the land, it encourages algae and other aquatic plants to grow in water. Dense weeds and algae reduce oxygen in the water, which in turn harms fish and other aquatic life. "Green water" is also much less attractive for boating, swimming and other human uses.

Please help keep our local waters clean!

- Test your own soil and calibrate your spreader.
- Use fertilizers, pesticides, and herbicides sparingly. Sweep any overspray back onto the lawn.
- Mow 2.5 to 3 inches high with a sharp blade to encourage dense growth and deter weeds.
- Leave grass clippings on the lawn to lessen the need for fertilizer.
- Never discard yard waste down storm drains or into waterways.
- Water deeply and infrequently, and time watering to avoid evaporation and runoff.
- Reseed bare areas with drought-tolerant varieties of grass.

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Where does all the litter go...?



What's going down YOUR storm drain?

When it rains, storm drains collect and channel stormwater runoff to prevent flooding. The stormwater ends up in local waterways, along with any litter, debris and pollutants that were carried by the water as it moved along the surface.

Please help prevent pollutants from getting into stormwater

- Don't litter.
- Never throw, pour, or sweep anything into storm drains.
- Recycle paper, plastic, cans and bottles.
- Participate in a neighborhood cleanup day.
- Get involved in water protection issues in your community.

We all need clean water for drinking, swimming, fishing, boating, and protecting wildlife.



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Increase recharge, decrease runoff!

Stormwater, the runoff water after it rains or snows, is best managed by directing it to seep into the ground (recharge) rather than allowing it to run off. A new development approach called Low Impact Development or LID uses design techniques that help to increase recharge and reduce stormwater pollution.

Pictured on the poster are a few LID techniques

(Medium)

- A rain barrel captures roof runoff so that it can be used later to water gardens and lawns.
- A parking lot with permeable pavement (top) rather than impermeable pavement (bottom) - notice that the top surface has no puddles because the stormwater has soaked down into the pavement!
- A vegetated wetland to which stormwater is diverted so that it can be "cleaned" by wetland plants.
- A vegetated swale to which stormwater is diverted so it can slowly seep into the ground.
- A sidewalk lined with permeable materials to capture and recharge runoff.

Many communities are promoting or requiring the use of LID techniques at new building and development sites. By mimicking the flow of stormwater in nature's surroundings, LID strategies help to restore stream flows, replenish drinking water wells, and reduce flooding.

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Put a LID...



on stormwater pollution!





Please Scoop the Poop!

Here's why:

Pet waste can cause environmental and health problems if it isn't disposed of properly.

Stormwater, the runoff water after it rains, may wash pet waste off the ground into ponds, streams or coastal waters, either directly or via storm drains. Pet waste contains germs and nutrients that can be harmful to human health and to our waterways.

Please help keep our local waters clean:

- Pick up after your pet.
- Dispose of pet waste by flushing it down the toilet or putting it in the trash.
- Never throw pet waste into a storm drain or waterway.

Picking up pet waste is not only good for the environment, it's also courteous and it gives you insight into your pet's health.



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Oil and Water Don't Mix!

Did you know that just one quart of motor oil can produce a one-acre oil slick or contaminate 250,000 gallons of drinking water? When it rains or snows, stormwater may wash any automotive fluids that have dripped onto the pavement into the nearest storm drain and out into a nearby stream, pond, wetland, or coastal waterway.

Please help keep our local waters clean:

- Maintain your car regularly to prevent fluid leaks.
- Recycle used motor oil by returning it to the retailer you bought it from, or bringing it to a used oil collection center.
- Clean up spilled automotive fluids with sand or kitty litter and dispose of it properly. Never hose spills into the street or down a storm drain!
- Wash your car where the soap and water can soak into the ground instead of flowing into a storm drain. Better yet, use a commercial carwash that recycles its wash water.



For more information on stormwater, visit our community website or visit www.stormwatermatters.org.

