

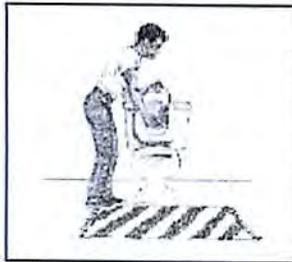
**Attachment 2: Pollution Prevention and
Illicit Discharge Detection and Elimination
(IDDE) Flyers**



What You Can Do:

Always clean up after your pet and dispose of the waste in the trash in a sealed or tied plastic bag.

Flush your pet's waste down the toilet. The waste from your toilet goes to a septic system or wastewater treatment plant that removes pollutants before the water reaches streams, rivers or the Bay.



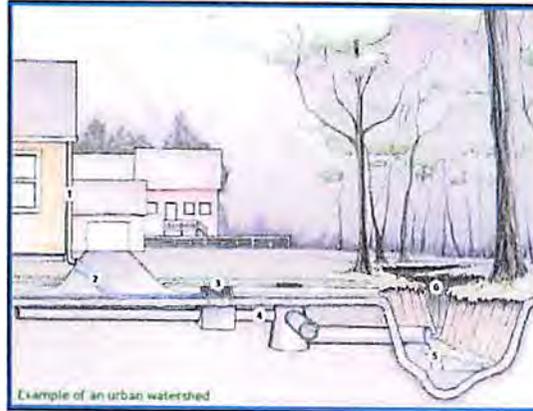
Encourage your neighbors and other pet owners to clean up - it's part of the responsibility of owning a pet.

What You Should Not Do:

Don't dispose of waste in a stormwater drain! These systems go directly to streams that drain to rivers and eventually the Chesapeake Bay.

Don't use pet waste as a fertilizer. The bacteria in pet waste does more harm than good.

Stormwater Run-off Problems



1 - Downspout 3 - Storm drain 5 - Untreated stormwater discharge
2 - Untreated runoff 4 - Sewer system 6 - Local stream

Run off - Run off is stormwater that flows over impervious surfaces such as rooftops, driveways, sidewalks, streets and to some extent over residential lawns. As it flows, it picks up oils, lawn chemicals, **pet waste** and other pollutants along the way.

Polluted stormwater runoff has been identified as a major cause of water quality problems in the Chesapeake Bay.

CLEAN WATER THE CLEAR CHOICE

For more information contact:
Jenny Schöntag
804-798-9219

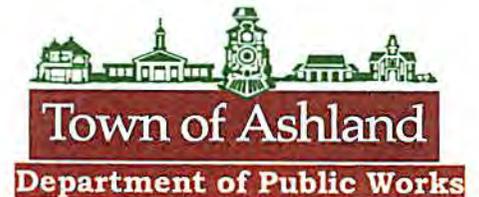
To report illegal dumping or a spill call
798-9219 or email:
CleanWater@town.ashland.va.us

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CLEAN WATER THE CLEAR CHOICE



Pet Waste and Water Quality



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Pet waste left on the street or lawn does not just go away or fertilize the grass; the rain washes all that pet waste and bacteria into our storm drains and pollutes our streams!

Facts about Pet Waste & Water Quality

- There are approximately 5,000 dogs in Ashland.
- A dog population of 5,000 is estimated to contribute about 2,000 pounds of solid waste every day and has been identified as a major contributor of bacteria to the stream.
- Pet waste contains harmful bacteria such as *E. Coli* and fecal coliform. Waters that contain a high amount of bacteria such as *E. Coli* are unhealthy for human contact and wildlife. Did you know that a **single gram (0.035 ounces) of dog waste can contain 23 million fecal coliform bacteria?**
- In addition to bacteria, pet waste contains nitrogen and phosphorus, nutrients that can speed growth of algae and aquatic weeds which are harmful to streams, rivers and the Chesapeake Bay. Excess vegetation growth is unsightly, and it uses up the oxygen that fish and other aquatic life need to live.

Here are some easy steps for dealing with your pet's waste:

- **Always carry a plastic bag** when you walk your dog; re-using an old newspaper delivery bag or plastic grocery bag works well. To avoid unpleasant surprises, check the bag for holes before your pet's walk!
- Use the bag as a glove to pick up the pet waste. Turn the bag inside out around the waste, scoop it up, seal the bag, and **dispose of it in a trash can.** You can also flush un-bagged pet waste down the toilet.
- **Don't place bagged or un-bagged pet waste in storm drains (or ditches)!** Also, do not hose pet waste towards storm drains, as they drain directly to streams that drain to rivers and eventually to the Chesapeake Bay.
- If you have a large yard, **bury un-bagged pet waste** about 5 inches deep in the ground away from vegetable gardens and waterways. Do not add to compost piles, as compost piles may not get hot enough to kill disease-causing organisms.
- Remove waste from areas where children play or you garden.
- **Wash your hands** with warm, soapy water after dealing with pet waste!



Please help

**KEEP OUR
PARKS AND
OUR
STREAMS
CLEAN!**

**Pet Waste
Stations**
are located in
all Town
parks. Please
use them to

**PICK UP PET
WASTE!**



**Pets 'on-leash' are permitted at
all Town of Ashland parks:**

- **Carter Park**
- **DeJarnette Park**
- **Pufferbelly Park**
- **Railside Park**
- **S Taylor Street Park**
- **Stony Run Trail**

Illicit Discharge-

What you don't know can hurt you...
and the environment!

An illicit discharge is anything that goes down the storm drain that is not storm water.

Some discharges are considered cleaner, such as tap water from leaking water pipes and irrigation, groundwater and spring water.

Other discharges are more dangerous, such as wash water from laundry, car or shop floor cleaning, sewage from pipes and septic systems, and liquid wastes such as oil, paint, and any automotive fluids.

Illicit discharges may be intentional or unintentional. Intentional dumping of waste into storm drains by a business or/and individual has legal consequences, as local, state, and federal laws protect the streams and water bodies into which they flow.

Unintentional illicit discharges occur daily, because many people do not realize the ways in which their daily activities contribute to the polluting of our waters. Soapy water from car washing, pet feces that are not picked up, waste water from household appliances that drain directly to the outside, pesticide and fertilizer use, and improper disposal of motor oil and paint are some of the ways in which an individual may unwittingly be damaging our ecosystem.

Other illicit discharges occur when sewer pipes are connected directly to storm water pipes, or when sewer pipes or septic systems leak.

FOR MORE INFORMATION
CONTACT

THE TOWN OF ASHLAND:
(804) 798-9219

CleanWater@town.ashland.va.us

OR VISIT US ONLINE:

www.town.ashland.va.us



03/08

ONLY RAIN
DOWN
THE DRAIN!



- WHAT DOES IT MEAN?
- WHY SHOULD I CARE?
- WHAT CAN I DO?

**ILLICIT DISCHARGE AND
WATERSHED PROTECTION**

*Because today's actions
affect tomorrow's world*

What does it mean?

ONLY RAIN DOWN THE DRAIN!

No, we are not talking about the sink or bathtub drain, so what ARE we talking about?



STORM WATER DRAINS!

These can be open channels or enclosed pipes that rain water flows into whenever there is a storm. They take the water running off of roadways and property to help prevent or minimize flooding or standing water. This water flows into nearby rivers and streams, and eventually into the Chesapeake Bay.



ONLY RAIN!

Because the water flowing into a storm water drain does not pass through a treatment plant before discharging into rivers and streams, it is important that the water be as clean as possible and not contaminated with pollutants such as sewage, oil, paint, and other chemicals.



Why should I care?

TO PROTECT OUR LOCAL STREAMS AND RIVERS-

Local waters that we enjoy every day for fishing, swimming, and boating receive our storm water runoff, along with anything else that washes down the storm drain. Creeks and Rivers such as the James, South Anna, Stoney Run, Lickinghole, and Mechumps are dependent upon us to ensure that the water flowing into them remains clean.

TO PROTECT THE CHESAPEAKE BAY-

All of the storm water that flows down our streams and rivers ends up in the Chesapeake Bay, which is used constantly for fishing (both commercial and private) and public enjoyment. When polluted storm water enters the bay via the rivers, it dumps lots of things that we certainly wouldn't want to swim in, much less have the food that we consume swim in! Pollutants such as heavy metals, toxics, oil and grease, solvents, nutrients, viruses, and bacteria can threaten aquatic, wildlife, and human health. If you've ever had a fish tank, just think of what would happen if you dumped these contaminants into your aquarium – not good!

BECAUSE THERE ARE LAWS-

Laws protecting our waters ensure that those who contribute to their pollution will face legal consequences if caught.

What can I do?

THERE ARE MANY WAYS THAT YOU CAN HELP KEEP OUR WATER CLEAN:

When washing a car or other vehicle, do the work on the lawn instead of the driveway. Not only will the ground become a natural filter for the soapy water, but you will be watering your grass at the same time! Taking your automobile to a car wash center also prevents illicit discharge because the water drains into sewer pipes instead.

If you have a dog, be sure to pick up fecal matter in your yard or when walking your dog and dispose of it either in the trash or toilet. Feces left behind can be swept down the drain in the next storm and can contain harmful bacteria and viruses that would contaminate water supplies.

Limit pesticide and fertilizer use in your yard. Find out what plants thrive best in your area, reducing the need for chemicals. Look into the ever-increasing ways that you can care for your lawn and garden naturally. Not only will you be keeping chemicals out of the water, but you will have a naturally healthier lawn and garden that requires less care!

Be mindful of automotive fluids. When changing the oil or other fluids in a vehicle, take the used fluids to a location that accepts such materials for recycling or proper disposal. If you are unsure as to where to take waste fluids, contact the Town of Ashland for area locations. Check your vehicle regularly for leaks as well, as fluids leaking onto roadways are washed down the drain with every rainfall.

While being good to your car, don't be bad to the river.



Ever wonder where all that dirty, soapy water goes after it runs off your driveway?

The wastewater flows directly into local streams without treatment.

Wash your car on your lawn, an area that does not drain directly into the street, or take it to a carwash facility that recycles its wash water.

For more information, please visit
www.town.ashland.va.us/carwashing

