

**Attachment 4: Stormwater Management
pages from Town Website**



Share Us



Select Language



Town of Ashland

VIRGINIA

Related Pages

[MS4 General Permit and Program](#)

[VSMP and Construction General Permit](#)

[Know The Rules!](#)

[Water Quality Improvement Projects](#)

[Educational Materials and Links](#)

[Chesapeake Bay](#)

Popular Links

[Online Bill Pay](#)



[Student Center](#)



[Notify Me](#)



You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#)

Stormwater Management

What is it?

Stormwater is water that originates during precipitation events and snow or ice melt. Stormwater can soak into the soil (infiltrate), be held on the surface and evaporate, or runoff and end up in nearby streams, rivers, or other water bodies. Runoff from the town is collected in a system of ditches, inlets, and pipes, and this (along with overland runoff), flows into our local streams and, eventually, to the Chesapeake Bay. It is important to realize that water flowing into storm sewers is NOT treated at a water treatment plant, but flows directly into our local bodies of water!

Stormwater runoff picks up pollutants from streets, houses, lawns, parking lots, farms, and fields. These pollutants can contaminate streams and waterways, pollute rivers downstream, and harm the ecosystem of the Chesapeake Bay. Because of this, the Town of Ashland, in conjunction with the State of Virginia, works to manage the quantity and improve the quality of stormwater that flows into our streams.

How do we do it?

The Town, operating under a [Municipal Separate Storm Sewer System \(MS4\) General Permit](#) issued by the state, works to reduce the amount of pollution reaching our waterways in several ways. We have a [Stormwater Management Plan](#) and are a local VSMP authority, administering the [VSMP Construction General Permit](#) on behalf of DEQ. We have [specific laws, ordinances, and requirements](#) in place to control the quality and quantity of stormwater runoff and prevent illicit discharge of contaminants to the storm sewer system. Several [water quality improvement projects](#) have been constructed by the Town in recent years, and we continue to look for innovative ways to improve the quality of stormwater runoff in public areas. Finally, we provide [information](#) to educate our local residents, businesses, and community groups on what they need to do to help prevent stormwater pollution.

Contact Us



Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Share Us



Select Language



Related Pages

Popular Links

- Online Bill Pay
- Student Center
- Notify Me
- Forms
- Report a Concern

You are here: Home > Government > Departments > Public Works > Stormwater Management > MS4 General Permit and Program

MS4 General Permit and Program

All documentation related to the Town's MS4 General Permit can be accessed through the links below. You can also find out all about MS4 permits by visiting the DEQ website.

- MS4 Program Plan
- MS4 Public Education Plan and Materials
- Annual Reports



Ingrid Stenbjorn
Town Engineer
Email

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

Staff Directory

GOVERNMENT

RESIDENTS

BUSINESSES

VISITORS

HOW DO I ?

Search




Share Us   

Select Language ▼

Related Pages

Popular Links

Online Bill Pay 

Student Center 

Notify Me 

Forms 

Report a Concern 

You are here: Home > Government > Departments > Public Works > Stormwater Management > MS4 General Permit and Program > Annual Reports

Annual Reports

Select by year:

[2014](#)

[2013](#)

[2012](#)

[2011](#)




Share Us

Select Language ▼

Related Pages

Construction General Permits

Popular Links

- Online Bill Pay 
- Student Center 
- Notify Me 
- Forms 
- Report a Concern 

You are here: Home > Government > Departments > Public Works > Stormwater Management > VSMP and Construction General Permit

VSMP and Construction General Permit

In accordance with state and federal requirements, the Town adopted a Virginia Stormwater Management Program (VSMP) that went into effect on July 1, 2014. The program includes an [Ordinance](#), a [Stormwater Fee Schedule](#), and [Policies and Procedures](#).

The Town of Ashland is also the local VSMP authority for [Construction General Permits](#).



Related Pages

Popular Links



You are here: Home > Government > Departments > Public Works > Stormwater Management > VSMP and Construction General Permit > Construction General Permits

Construction General Permits

Who Must Apply for General Permit Coverage:

- Operators of construction activities resulting in land disturbance equal to or greater than one acre.
- Operators of construction activities resulting in land disturbance less than one acre that are part of a larger common plan of development or sale that ultimately disturbs one or more acres. A larger common plan of development or sale is a contiguous area where separate and distinct construction activities may be taking place at different times on different schedules. General permit coverage is required if one or more acres of land will be disturbed, regardless of the size of the individually owned or developed sites. For example, if a developer buys a 20-acre lot and builds roads with the intention of building homes or other structures in the future, or if the land is parceled off or sold, and construction occurs on plots that are less than an acre by separate, independent builders, these activities would still be subject to stormwater permitting requirements. A larger common plan of development or sale applies to various types of land development including but not limited to residential, commercial or industrial use.

Single-Family Detached Residential Structures:

- Single-family detached residential structures that disturb less than one acre of land and that are not part of a larger common plan of development or sale (e.g., subdivision), including additions or modifications to existing single-family detached residential structures, do not require coverage under the general permit.
- Single-family detached residential structures that disturb less than one acre of land but are part of a larger common plan of development or sale (e.g., subdivision) require coverage under the general permit, and all single-family detached residential structures that disturb equal to or greater than one acre of land require coverage under the general permit. However, operators of these land-disturbing activities are authorized to discharge under the general permit and are not required to submit a registration statement.

[Construction General Permit Forms](#)

Stormwater Pollution Prevention Plans (SWPPP)

All activities listed above require the construction activity operator to develop and implement a site-specific SWPPP. The SWPPP must be prepared prior to any construction activity and, if applicable, prior to submitting a registration statement for permit coverage. The SWPPP is to be retained at the construction site along with a copy of the general permit and general permit coverage letter. The Town of Ashland requires that the following template and plan sheets be used to develop a SWPPP:

- [SWPPP Template](#) or [SWPPP Template for Single Family Residential Construction](#)
- [Pollution Prevention Plan](#) (available in [PDF](#) or [Autocad](#))
- [Erosion & Sediment Control Detail Sheet](#) (available in [PDF](#) or [Autocad](#))



[Site Map](#)
[Accessibility](#)
[Copyright Notices](#) | [Disclaimer](#)
[Translation](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005
Ph: (804) 798-9219





Share Us



Select Language ▼



Town of Ashland

VIRGINIA

Related Pages

- [Best Management Practices](#)
- [Car Washing Events](#)
- [Illicit Discharge](#)
- [Septic Tank Pump-Out](#)

Popular Links

- [Online Bill Pay](#)
- [Student Center](#)
- [Notify Me](#)
- [Forms](#)
- [Report a Concern](#)

You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#) > [Know The Rules!](#)

Know The Rules!

The old saying "ignorance of the law is no excuse" applies to stormwater regulations, so be "in-the-know" when it comes to facilities you own or/and activities you are involved with that can affect stormwater runoff.

[Best Management Practices](#) (BMPs) are on-site stormwater management structures found in shopping centers, office parks, industrial sites, and residential subdivisions and require regular maintenance and inspections.

[Car Washing Events](#) (such as fund-raisers) require an application from the town and need to be held in locations that meet stormwater guidelines.

[Illicit Discharge](#) is anything that goes down the storm drain that is not stormwater, and some discharges are both harmful and illegal.

[Septic Tank Pump-Outs](#) are required periodically for all septic tank systems located within the town limits.

Contact Us



Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Town of Ashland

VIRGINIA

Related Pages

[Best Management Practices](#)

[Car Washing Events](#)

[Illicit Discharge](#)

[Septic Tank Pump-Out](#)

Popular Links

[Online Bill Pay](#)



[Student Center](#)



[Notify Me](#)



[Forms](#)



[Report a Concern](#)



You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#) > [Know The Rules!](#) > **Best Management Practices**

Best Management Practices

The town requires that all newly developed sites, such as shopping centers, office parks, industrial sites, and residential subdivisions, construct on-site stormwater management structures, referred to as Best Management Practices (BMPs). These vary in type, but typically are wet or dry ponds.

BMPs filter stormwater or allow contaminants to settle out before stormwater is released to natural streams. Owners of BMPs are required to inspect and maintain BMPs in a manner acceptable to the Town. The Department of Public Works enforces the inspection and maintenance of BMPs on a regular periodic basis.

A regular maintenance and inspection program will save money and time. Check out this [guidebook](#) from the Department of Environmental Quality designed for individual property owners, homeowners association representatives, and residential/commercial property managers. It outlines the basic maintenance and planning tasks to help keep BMPs functioning properly.

The [Environmental Protection Agency](#) also has a wealth of information regarding the many different types of BMPs and how to maintain them.

Contact Us



Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Share Us



Select Language



Town of Ashland

VIRGINIA

Related Pages

- Best Management Practices
- Car Washing Events
- Illicit Discharge
- Septic Tank Pump-Out

Popular Links

- Online Bill Pay
- Student Center
- Notify Me
- Forms
- Report a Concern

You are here: Home > Government > Departments > Public Works > Stormwater Management > Know The Rules! > Car Washing Events

Car Washing Events

Water from vehicle washing can make its way across a hard-surfaced parking lot and enter the storm drainage system. From there, wash water enters our creeks and streams, makes its way to rivers and, eventually, the Chesapeake Bay. Water from vehicle washing can contain contaminants such as nutrients and hydrocarbons and should not discharge to the storm drainage system, creeks, or streams where it can harm fish and other aquatic life.

According to State Regulations and the Town of Ashland's Municipal Separate Storm Sewer System (MS4) Management Program Ordinance, only individual residents washing cars may discharge wash water to storm sewers (although this is discouraged). All others discharging from vehicle washing activities to storm sewer are in violation of the Town ordinance.

Car washing events held in the town require approval prior to the event and must be held in locations that meet stormwater guidelines. If your group or organization is planning on holding a fundraising car wash event, please fill out and turn in the [Car Washing Event Application](#). If you have any questions regarding the application or locations in Ashland that are able to host a car wash event, please contact the [Public Works Department](#).

Contact Us



Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Town of Ashland

VIRGINIA

Related Pages

- Best Management Practices
- Car Washing Events
- Illicit Discharge
- Septic Tank Pump-Out

Popular Links

- Online Bill Pay
- Student Center
- Notify Me
- Forms
- Report a Concern

You are here: Home > Government > Departments > Public Works > Stormwater Management > Know The Rules! > **Illicit Discharge**

Illicit Discharge

An illicit discharge is anything that goes down the storm drain that is not stormwater. 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, paint, and other household chemicals 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.

One simple way you can help prevent illicit discharge is by properly disposing of your used or leftover oil, antifreeze, or paint. Hanover County has [convenience centers](#) that town residents can use to safely dispose of oil, oil filters, antifreeze, gasoline, solvents, and automobile fluids. Elmont Convenience Center is the closest convenience center and is located at 11045 Lewistown Road in Ashland.

Contact Us



Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Share Us



Select Language ▼



Town of Ashland

VIRGINIA

Related Pages

[Best Management Practices](#)

[Car Washing Events](#)

[Illicit Discharge](#)

[Septic Tank Pump-Out](#)

Popular Links

[Online Bill Pay](#)

[Student Center](#)

[Notify Me](#)

[Forms](#)

[Report a Concern](#)

You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#) > [Know The Rules!](#) > **Septic Tank Pump-Out**

Septic Tank Pump-Out

To protect the health of the streams in the Town of Ashland and the Chesapeake Bay, the Town has an ordinance requiring that septic tanks located in Chesapeake Bay Preservation Areas (CBPAs) be pumped-out at least once every five years [Section 4.1-209(b)(5)]. According to State law, the Town keeps track of compliance with this requirement. The Town sends reminders to owners of septic tanks in the CBPAs indicating that a pump out is required. If you receive such a letter please have your system pumped out at your soonest convenience.

Please call Garet Prior at (804) 798-1073 if you have questions.

GOVERNMENT

RESIDENTS

BUSINESSES

VISITORS

HOW DO I ...

Search



Related Pages

[Ashland Police Department Parking Lot](#)

[College Park Improvements](#)

[Hanover Avenue LID](#)

[Municipal Parking Lot](#)

[Railroad Avenue Streetscaping](#)

[SRTS Bioretention Treatment Units](#)

Popular Links

[Online Bill Pay](#)

[Student Center](#)

[Notify Me](#)

[Forms](#)

You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#) > [Water Quality Improvement Projects](#)

Water Quality Improvement Projects (how we help)

The Town of Ashland strives to control the quantity and improve the quality of stormwater being discharged to our local streams, and one of the big ways we do this is with water quality improvement projects. These projects use innovative ways to control and clean stormwater runoff. See the list of past and current projects below.

[Ashland Police Department Parking Lot](#)

[College Park Improvements](#)

[Hanover Avenue LID](#)

[Municipal Parking Lot](#)

[Railroad Avenue Streetscaping](#)

Contact Us



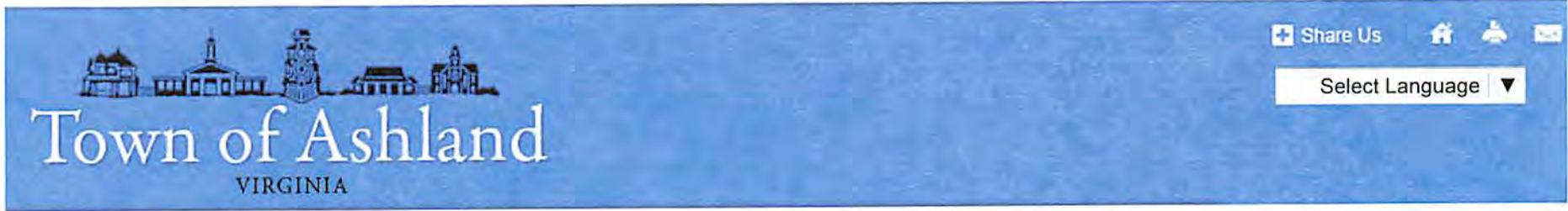
Ingrid Stenbjorn
Town Engineer
[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Related Pages

Caring for your lawn and garden

Disposing of chemicals, paints, oils, etc.

Picking up after your pet

Washing your car

Popular Links

Online Bill Pay



Student Center



Notify Me



Forms



Report a Concern



You are here: Home > Government > Departments > Public Works > Stormwater Management > Educational Materials and Links

Educational Media and Links (how you can help)

There are many ways you can help to prevent stormwater pollution, and knowing how you can make a difference and why it is important are helpful.

Pesticides, herbicides, and fertilizers can harm our waterways if used excessively or improperly. Learn about ways to [care for your lawn and garden](#) that will result in a healthy yard AND healthier waterways.

Knowing how to [properly dispose](#) of chemicals, paints, oils, and other fluids is important. Dumping anything other than rainwater down a storm sewer is against the law, but proper disposal is easier than you might think.

If you are a pet owner, [proper pet waste disposal](#) can prevent harmful bacteria from contaminating our streams. Picking up after your pet isn't just a courtesy to your neighbors, it keeps our waterways cleaner!

When you wash your car, all that dirt and grime (not to mention soapy water) can end up in our creeks and streams. [Car washing guidelines](#) can be useful for anyone looking to wash their car at home in ways that are gentler on the environment.

GOVERNMENT

RESIDENTS

BUSINESSES

VISITORS

HOW DO I...?

Search



Related Pages

Caring for your lawn and garden

Disposing of chemicals, paints, oils, etc.

Picking up after your pet

Washing your car

Popular Links

Online Bill Pay

Student Center

Notify Me

Forms

Report a Concern

You are here: Home > Government > Departments > Public Works > Stormwater Management > Educational Materials and Links > Caring for your lawn and garden

Caring for your lawn and garden

Spraying one's lawn and garden with chemicals on a regular basis used to be the most popular option if you wanted things to look their best, but now we know the harm such chemicals can do to the ecosystem. Nowadays there is a wealth of natural products and techniques at our fingertips to maximize the beauty of our property while preserving (and even enhancing) the health of our environment. Here are just a few links that you may find helpful:

[A Virginian's Year-Round Guide to Yard Care](#) – Tips and techniques for healthy lawns and gardens

[Home Composting](#) – CVWMAs webpage with links to information on composting and how to purchase a home composting bin at a reduced rate through their partnership with Covered Bridge Organic

[Home and Garden Tips](#) – USDAs webpage with helpful information on caring for lawns and gardens in an environmentally friendly way

[Create a Certified Wildlife Habitat](#) – when you practice lawn and garden care that minimizes or eliminates chemicals, you are apt to see more wildlife. Take it to the next level and learn how you can make your property a Certified Wildlife Habitat. No yard is too small to make a difference!



Share Us



Select Language ▼



Related Pages

Caring for your lawn and garden

Disposing of chemicals, paints, oils, etc.

Picking up after your pet

Washing your car

Popular Links

Online Bill Pay



Student Center



Notify Me



Forms



Report a Concern



You are here: Home > Government > Departments > Public Works > Stormwater Management > Educational Materials and Links > Picking up after your pet

Picking up after your pet

Nobody likes it when they accidentally step in pet waste that hasn't been picked up, so picking up after your pet is certainly the neighborly thing to do. But did you know that leaving pet waste behind also contaminates our waterways? Pet waste left in ditches or near drop inlets can be carried into the stormwater system and result in increased levels of e coli bacteria in our creeks and streams.

Pet waste disposal stations are located all Town parks and trails, making it easy to pick up after your pet in these public spaces. And be sure to check out this entertaining [video](#) about picking up after your pet!

Contact Us



Ingrid Stenbjorn
Town Engineer

[Email](#)

101 Thompson St.
P.O. Box 1600
Ashland, VA 23005

Ph: (804) 752-6875
Fx: (804) 798-4892

Hours
Monday - Friday
8:30 am - 5:00 pm

[Staff Directory](#)



Related Pages

[Caring for your lawn and garden](#)

[Disposing of chemicals, paints, oils, etc.](#)

[Picking up after your pet](#)

[Washing your car](#)

Popular Links

[Online Bill Pay](#)



[Student Center](#)



[Notify Me](#)



[Forms](#)



[Report a Concern](#)



You are here: [Home](#) > [Government](#) > [Departments](#) > [Public Works](#) > [Stormwater Management](#) > [Educational Materials and Links](#) > [Disposing of chemicals, paints, oils, etc.](#)

Disposing of chemicals, paints, oils, and other fluids

When liquid wastes such as fats, oil, grease, paint, household chemicals, and automotive fluids are disposed of improperly, they can potentially end up entering the stormwater system and polluting of our waterways.

Place used cooking fats and oils in cans or jars before disposing of them to help to contain the liquids. Before throwing away old paint cans that still have paint in them, mix sawdust or kitty litter in with the paint to help prevent seepage. For oil, oil filters, antifreeze, gasoline, solvents, and automobile fluids, take them to one of Hanover County's [convenience centers](#) for safe and free disposal. Elmont Convenience Center is the closest convenience center and is located at 11045 Lewistown Road in Ashland.



Related Pages

Caring for your lawn and garden

Disposing of chemicals, paints, oils, etc.

Picking up after your pet

Washing your car

Popular Links



You are here: Home > Government > Departments > Public Works > Stormwater Management > Educational Materials and Links > Washing your car

Washing your car

Water from vehicle washing can make its way across a hard surface (such as a driveway) and enter the storm drainage system. From there, wash water enters our creeks and streams, makes its way to rivers and, eventually, the Chesapeake Bay. Water from vehicle washing can contain contaminants such as nutrients and hydrocarbons and should not discharge to the storm drainage system, creeks, or streams where it can harm fish and other aquatic life.

When you take your car to a commercial car wash, wastewater is contained and treated by the business per federal regulations. If you wash your car at home, there are other ways you can reduce the environmental impact of car washing:

- Designate an area for vehicle washing that discharges to gravel, grass, or other permeable surface that allows water to infiltrate. Better yet, wash your vehicle on the lawn – you will clean your car, filter the wash water, and water your grass all at the same time!
- Use hoses with nozzles that automatically turn off when left unattended.
- Avoid using acid-based wheel cleaners or engine degreasers unless the waste can be properly disposed of.
- Reduce the amount of soap used by using a bucket of soapy water to re-soap rags or sponges rather than adding more soap directly to rags or sponges.
- Use products labeled "non-toxic," "phosphate free", and "biodegradable".

Here is a short and helpful [video](#) about washing your car the "green way"!



Related Pages

MS4 General Permit and Program

VSMP and Construction General Permit

Know The Rules!

Water Quality Improvement Projects

Educational Materials and Links

Chesapeake Bay

Popular Links



You are here: Home > Government > Departments > Public Works > Stormwater Management > Chesapeake Bay

Chesapeake Bay

TMDL Action Plan

The Town is currently seeking public input on its Chesapeake Bay TMDL Action Plan, which demonstrates that the Town has:

1. Calculated the full scope of offsets for existing development and new sources that are required to be made by the end of the first permit cycle; and,
2. Determined the methods that will be used to meet the reductions required by the end of the first permit cycle.

[Click on this link to review the Town of Ashland's Chesapeake Bay TMDL Action Plan.](#) After you've reviewed the plan, please [email your comments to our engineering staff.](#)