

Material Storage

Outdoor storage of materials can also pollute stormwater runoff.

Here are some material storage Best Management Practices:

1. Store materials indoors or under cover where feasible

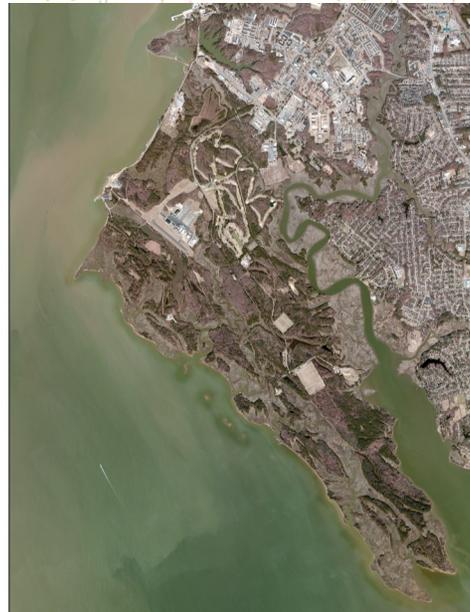


2. Keep outdoor materials stored away from storm drains and high traffic areas
3. Store materials on pallets to keep dry
4. Use silt fences to filter sediment



5. Install berm for secondary containment of sand and gravel or cover with a tarp.

Why Is Stormwater Pollution Prevention So Important?



**Our unique location:
The Chesapeake Bay Watershed**

Federal and State Laws

- ◆ Clean Water Act
- ◆ Virginia Pollutant Discharge Elimination System (VPDES) regulations
- ◆ Municipal Separate Storm Sewer System (MS4) regulations

For more information, call the
Storm Water Program Manager
(757) 878-5218

*Joint Base
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733d CED/CEIE



*Stormwater
Pollution
Prevention*

*Small amounts of contaminants
from all over the base add up and
cause pollution in our water.*

*Yes, even the little things matter.
YOU will make a difference,
no matter how small.*

The Many Sources of Pollution

- Paint
- Fertilizer
- Pet Waste
- Pesticides
- Grass Clippings
- Tires
- Metal Corrosion
- Litter
- Leaves
- Auto Exhaust
- Motor Oil
- Lubricants
- Gas
- Eroded Soil
- Plastics

These materials enter storm drains every day, making stormwater a major contributor to water pollution in our area.

If the pollutants entering each drain can be reduced, so will the pollution in surrounding waterways.

Common Sources of Pollution Due to Base Operations

- De-icing Operations
- Construction Debris
- Sedimentation
- Air Pollution
- Erosion
- Spills
- Hazardous Waste

These sources of pollution reduce oxygen levels in the water, killing aquatic animals and covering aquatic plant life.

Best Management Practices (BMPs)

Vehicle/Equipment

Overfills, leaks and spills are usually picked up by rain and snow, then carried to a storm sewer system. Here are some BMPs:

1. Do not top off fuel tanks
2. Immediately clean spills with absorbents
3. Check for leaks on all equipment
4. Use drip pans when fluid transfer occurs at any location



5. Use drip pans beneath parked vehicles
6. Use designated wash racks to clean vehicles and equipment
7. Do NOT wash where soapy water will flow into a storm drain



Pavements

Pollution sources from streets are also picked up by rain and snow. Pavement runoff is carried more quickly to a storm sewer system. Here are some pavement BMPs:

1. Sweep up debris and sediment
2. Reduce deicing materials by using the manufacturer's recommended rates
3. Use products that pollute less
4. Store materials indoors
5. Allow nature to melt snow and ice
6. Maintain your vehicle to prevent fluid leaks



Street sweeping reduces pollution by 80%
