

Site Evaluation Procedures

- **Inspect** potential pollution source locations in sequence with numbering on the map.
- **Reference** the flip side of this map to assist with identification of pollutant concerns at each location and practices to address potential pollutant exposure to stormwater runoff.
- **Complete** the Site Compliance Evaluation Form for each corresponding location during inspection.
- **Submit** completed form to MS4 Program Administrator.
- **Conduct** follow-up to findings, as directed by MS4 Program Administrator.
- **Document** on Site Compliance Evaluation Form the completion of follow-up actions.

Legend

Approximate Boundary	Paved Surface
Surface Water	Gravel Surface
Storm Pipe or Culvert & Flow Direction	Wooded Area
Surface Flow Direction	Grassed Area
Sanitary Pipe & Manhole	Building/Covered Area
Regulated MS4 Outfall	Working Areas
Inspection Location	Landfilling Operations**
	Outdoor Storage

Notes: * Stormwater pipe location assumed. Requires verification.
** Landfill is covered under an active VAR10 permit.



- General Notes**
In addition to the Potential Pollutant Source Locations identified on the map, the site inspection shall also observe and report:
1. Areas of erosion occurring on-site;
 2. Locations of exposed soils (i.e. lack of gravel cover);
 3. Oil, hydraulic fluid, or chemical spills;
 4. Open (uncovered) and unlabeled containers; and
 5. Any other potential pollutant that could be exposed to precipitation and stormwater runoff.

Potential Pollutant Source Location Key

OUTDOOR NON-ERODIBLE MATERIAL STORAGE	DUMPSTERS
OUTDOOR ERODIBLE MATERIAL STOCKPILING	FUEL TANK
OUTDOOR EQUIPMENT STORAGE	VEHICLE STORAGE
OUTDOOR EQUIPMENT STORAGE	COVERED SALT STORAGE

**VIRGINIA TECH
BLACKSBURG, VIRGINIA**

**TOMS CREEK BASIN FACILITY
STORMWATER POLLUTION PREVENTION PLAN MAP**

SCALE: 1" = 150'

Note: This map is for SWPPP purposes only and no field survey was conducted in its compilation. This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, etc.) or any possible pollutant generating activities are created, moved, or eliminated (new dumpster, new stockpile area, etc.). Notify the MS4 Program Administrator regarding changes in the field not depicted on this map.

EEE Consulting, Inc.
Environmental, Engineering and Educational Solutions

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Site Evaluation Overview

Purpose

The intent of this reference guide is to provide quick access to descriptions of common pollutant sources and common controls and practices to address the pollutants for each location identified on the Stormwater Pollution Prevention Plan (SWPPP) map. If needed, additional information for each potential pollutant source or activity, including source controls, standard operating procedures, and removal/disposal of pollutants is provided in the College's Good Housekeeping and Pollution Prevention Standard Operating Procedures (SOPs) Manual, latest edition.

Qualification for Performing Site Evaluation

The individual completing the Site Compliance Evaluation Form shall have participated in the College's Municipal Separate Storm Sewer System (MS4) Good Housekeeping/Pollution Prevention training that includes introduction to the SOPs included with this SWPPP, by reference.

Frequency and Protocol

The Site Compliance Evaluation Form shall be completed a minimum of once annually. The completed form shall be provided to the MS4 Program Administrator immediately after the evaluation is completed. The MS4 Program Administrator will provide follow-up for findings. Once follow-up is completed, it shall be indicated or noted on the Site Compliance Evaluation Form, as appropriate. ***The Site Compliance Evaluation is not complete until appropriate follow-up to findings has been documented on the Evaluation Form.***

Reportable Spills & Discharges

If an onsite spill or occurring discharge to surface waters of any pollutant is observed, immediately contain the pollutant to prevent potential or further discharge. The MS4 Program Administrator shall be notified immediately to:

1. Determine the further actions necessary to eliminate the potential or occurring discharge and
2. Determine if the discharge was equal to or in excess of a reportable quantity per Section III G of the MS4 General Permit.
 - If the discharge is reportable, the MS4 Program Administrator will notify the DEQ within 24 hours and prepare the necessary report per Section III G of the MS4 General Permit for submission to DEQ. A copy of the report shall be maintained in a file with the SWPPP materials on site.

For emergencies, call the Town of Blacksburg Fire Department at 9-1-1.

SWPPP Map Quick Reference Guide

Outdoor Material Storage

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Potential Pollutant and Sources: Petroleum products, solvents, corrosive material, grease or sediment from materials stored outdoors.

Source Controls: Perimeter controls or cover.

Best Management Practice(s): Store materials that could introduce pollutants to runoff indoors. Remove and properly dispose of pollutants on ground surface.

Standard Operating Procedure Reference: Section 5.8

Outdoor Material Stockpiling

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Potential Pollutant and Sources: Sand, grit, sediment or any other erodible material stored outdoors.

Source Controls: Perimeter controls to prevent transport of stockpiled materials. Cover to prevent exposure to precipitation.

Best Management Practice(s): Regularly inspect stockpile areas and ensure proper maintenance of perimeter controls. Remove and dispose of materials that have migrated outside of perimeter controls daily. Place stockpiles away from outfalls and surface waters.

Standard Operating Procedure Reference: Section 5.8

Outdoor Equipment Storage

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Potential Pollutant and Sources: Petroleum products, solvents, corrosive material, grease or sediment from materials stored outdoors.

Source Controls: Perimeter controls or cover.

Best Management Practice(s): Store materials that could introduce pollutants to runoff indoors. Remove and properly dispose of pollutants on ground surface.

Standard Operating Procedure Reference: Section 5.3

Pertinent Contacts

Emergency: 9-1-1

Police (Non-Emergency): (540) 231-6411

Fire & Life Safety Programs Manager: (540) 231-4207

Facilities Services Customer Service: (540) 231-4300

MS4 Program Administrator: (540) 231-3716 (Lauren Grimes)

Normal Business Hours:

DEQ Blue Ridge Regional Office - Roanoke: (540) 562-9700

Nights, Weekends & Holidays (24 Hour Reporting Service):

VA Department of Emergency Management: (804) 674-2400

Covered Equipment Storage

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Potential Pollutant and Sources: Petroleum products leaks from hydraulic hoses or equipment in disrepair. Grease, sediment and other pollutants on equipment.

Source Controls: Roof cover acts as the primary source control. Drip pans or absorbent pads placed under leaks and containment bags wrapped around leaking components if potential for intermingling with stormwater.

Best Management Practice(s): Repair equipment leaking fuel or oil. Utilize source controls while leaks occur and inspect regularly to ensure pollutants are not exposed to precipitation. Remove and properly dispose of pollutants on ground surface.

Standard Operating Procedure Reference: Section 5.3

Dumpsters

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Potential Pollutant and Sources: Various liquids can leak and solids can rust or leach chemicals onto the ground.

Source Controls: If leaking, use absorbent, scrub with a broom to remove as much of the contaminate as possible, and promptly recover all material. For recurring issues, provide drip pan or absorbent pad. (Section 5.5)

Best Management Practice(s): Keep dumpsters and trash cans covered and replace damaged containers.

Standard Operating Procedure Reference: Section 5.5

Fuel Tank

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Potential Pollutant and Sources: Fuel leak.

Source Controls: Perform timely maintenance repairs to address leaks.

Best Management Practice(s): Cover spills completely with absorbent and subsequently scrub with a broom. Promptly remove and dispose of material in a waste receptacle for waste oil. For leaks, provide a drip pad or absorbent pad until repairs can be made. Dispose of collected fuel in a waste receptacle for waste oil.

Standard Operating Procedure Reference: Section 5.4

Outdoor Vehicle Storage

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Potential Pollutant and Sources: Petroleum products leak from hydraulic hoses or equipment in disrepair.

Source Controls: Drip pans or absorbent pads placed under leaks. Wrap containment bags around leaking components.

Best Management Practice(s): Repair equipment and vehicles leaking fuel or oil. Utilize source controls while leaks occur and inspect regularly to ensure pollutant is not exposed to precipitation. Remove and properly dispose of pollutants on ground surface.

Standard Operating Procedure Reference: Section 5.3

Covered Salt Storage

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Potential Pollutant and Sources: Salt.

Source Controls: Roof cover acts as the primary source control. Perimeter controls prevent transport of salt.

Best Management Practice(s): Regularly inspect to ensure proper maintenance of perimeter controls. Remove and dispose of materials that have migrated outside of perimeter controls daily. Place salt storage away from drain inlets and surface waters.

Standard Operating Procedure Reference: Section 5.8