

PURPOSE

4VAC50-60-54 of the Virginia Stormwater Management Program (VSMP) Permit Regulations requires that Stormwater Pollution Prevention Plan (SWPPP) be developed for all regulated land disturbing activities.

The plan for implementing pollution prevention measures during construction activities developed on this sheet must be implemented and updated as necessary. Any PPP requirements not included on this sheet must be incorporated into the SWPPP required by 4VAC50-60-54 that must be developed before land disturbance commences.

OTHER REFERENCED PLANS

SWPPP requirements may be fulfilled by incorporating, by reference, other plans. All plans incorporated by reference become enforceable under the VSMP Permit Regulations and General Permit VARIO for Discharges of Stormwater from Construction Activities.

Table with 2 columns: Independent Plans Incorporated by Reference, Date Approved. Rows include Stormwater Management Plans (Regional or Master), Spill Prevention, Control, and Countermeasure Plans, Off-Site Stuckpile, and Off-Site Borrow Area.

POTENTIAL POLLUTANT SOURCES

The following sources of potential pollutants must be addressed in the Pollution Prevention Plan. Various controls and/or measures designed to prevent and/or minimize pollutants in stormwater discharges from the project site must be applied to the sources found on the site.

LEAKS, SPILLS, AND OTHER RELEASES

- The operator(s) shall ensure procedures are in place to prevent and respond to all leaks, spills and other releases of pollutants. The operator(s) shall ensure all leaks, spills and other releases of pollutant are contained and cleaned immediately upon discovery.

Table with 3 columns: Date, Shown on Plan Sheet #, Location. Includes a section for REVISIONS TO LOCATIONS with columns for Date, Shown on Plan Sheet #, Location, and Operator's Initials.

- The operator(s) shall notify the Department of Environmental Quality of leaks, spills, and other releases that discharge to or have the potential to discharge to surface waters immediately upon discovery of the discharge but in no case later than 24 after the discovery.

Contact information for Virginia Department of Environmental Quality and Henrico County Department of Public Works, including addresses and phone numbers.

EQUIPMENT / VEHICLE WASHING

- Washing must be conducted in a dedicated area that is located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

Table with 4 columns: Activity, Location of Dedicated Area(s), Shown on Plan Sheet #, Water Source. Includes a section for REVISIONS TO LOCATIONS with columns for Activity, Location of Dedicated Area(s), Shown on Plan Sheet #, Water Source, and Operator's Initials.

VEHICLE FUELING AND MAINTENANCE

- Conduct regular maintenance in a dedicated area that is located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

Table with 4 columns: Date, Shown on Plan Sheet #, Location of Dedicated Area(s), Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

- If mobile fueling will be used, the fueling must be done in an area that located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

DISCHARGE FROM STORAGE, HANDLING, AND DISPOSAL OF CONSTRUCTION PRODUCTS, MATERIALS, AND WASTE

- Storage of construction products, materials, and waste is to be conducted in dedicated areas. The dedicated area must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

Table with 4 columns: Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for storage of construction products and materials, Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

Table with 4 columns: Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for waste from construction products and materials, Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

- Follow all federal, state, and local requirements that apply to the handling and disposal of pesticides, herbicides, and fertilizers. Keep chemicals on-site in small quantities and in covered, well-marked containers.

DISCHARGES FROM OTHER POTENTIAL POLLUTANT SOURCES

Table with 2 columns: Other Potential Pollutant Sources, Location(s) of Potential Pollutant Sources.

- Above ground oil storage tanks with a storage capacity exceeding 1,320 gallons and have a reasonable expectation of a discharge into or upon Waters of the United States are required to have a Spill Prevention Control and Countermeasure (SPCC) Plan.

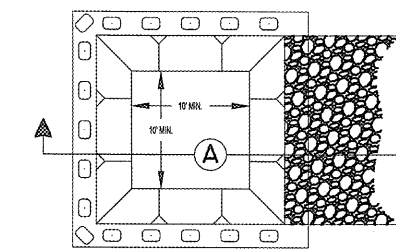
DISCHARGES FROM CONCRETE RELATED WASH ACTIVITIES

- Concrete trucks are not allowed to wash out or discharge surplus concrete or drum wash water on site except in a dedicated area(s) that is located to prevent discharge to storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

Table with 4 columns: Date, Shown on Plan Sheet #, Location of Dedicated Area(s), Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

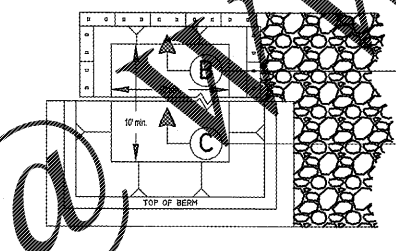
- Facilities must be cleaned, or new facilities constructed, once the washout area is two-thirds (2/3) full.

BELOW GRADE CONCRETE WASHOUT AREA

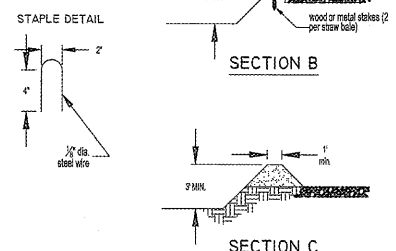


SECTION A

ABOVE GRADE CONCRETE WASHOUT AREA



SECTION B



CONCRETE WASHOUT AREA NOTES

- The facility must be lined with 10 mil plastic lining that is free from holes, tears, or other defects that might compromise the material's impermeability. The lining must be anchored with staples (2" spacing) or sandbags.

DISCHARGES OF SOAPS, DETERGENTS, SOLVENTS, AND WASH WATER FROM CONSTRUCTION ACTIVITIES SUCH AS CLEANUP OF STUCCO, PAINT, FORM RELEASE OILS, AND CURING COMPOUNDS

- Washing activities associated with construction activities other than vehicle and equipment washing, such as clean up of stucco, paint, form release oils, and curing compounds are to be conducted in a dedicated area.

Table with 4 columns: Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s), Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

- The dedicated area must be covered (e.g., plastic sheeting, temporary roof, etc.) to prevent contact with stormwater. The contaminated wastewater from the dedicated area must be collected for disposal by a waste hauler or discharged to the sanitary sewer.

DISCHARGES OF HAZARDOUS, TOXIC, AND SANITARY WASTE

- Storage and disposal of hazardous, toxic and sanitary wastes shall be conducted in dedicated areas. The dedicated area must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.

Table with 4 columns: Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for storage and disposal of hazardous and toxic wastes, Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

Table with 4 columns: Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for portable toilets, Operator's Initials. Includes a section for REVISIONS TO LOCATIONS.

- Consult with local waste management authorities or private firms about the requirements for disposing of hazardous materials and/or soils that may be contaminated with hazardous materials. Never remove the original product label from the container.

SWPPP MODIFICATIONS AND REVISIONS

The operator(s) shall ensure the SWPPP is modified and/or revised to reflect:

- Changes in qualified personnel, delegated authorities or other personnel required as a condition of the General Construction Permit. Changes in site conditions. Changes in the design, construction, operation, or maintenance of the construction site that affect the potential for discharges of pollutants that are not addressed in the normal implementation of the plan; and Ineffective control measures identified during inspections or investigations conducted by the operator's qualified personnel or local, state or federal officials.

Modifications/revisions to the SWPPP shall include additional or modified control measures to address the identified deficiencies.

If the necessary modifications/revisions require approval by the Administrator or DEQ, the modifications/revisions must be implemented no later than seven (7) calendar days following approval.

If the necessary modifications/revisions do not require approval by the Administrator, the modifications/revisions must be implemented prior to the next anticipated storm event or as soon as practicable.

SWPPP UPDATES

The operator(s) shall update the SWPPP to include:

- A record of dates when 1) major grading activities occur, 2) construction activities temporarily or permanently cease on a portion of the site, and 3) stabilization measures are initiated. Documentation of modifications and revisions to the SWPPP. Areas that have reached final stabilization where no further SWPPP or inspection requirements apply.

The operator(s) shall update the SWPPP no later than seven (7) days following any of the situations identified above.

OPERATOR INSPECTIONS

The operator(s) identified below shall provide for inspections of the permitted land-disturbing activities by the qualified personnel identified below. The inspections will be conducted (select one of the following options):

- at least once every four (4) business days; or at least once every five (5) business days and no less than 48 hours following any measurable storm event.

Where areas are in a stabilized condition and/or are in a dry winter conditions, the inspection frequency may be reduced to once every 30 days while these conditions exist. Otherwise, the operator(s) shall meet the regular inspection frequency identified above.

The operator(s) shall provide the location(s) of the permitted land-disturbing activity to ensure implementation and compliance of all requirements of the Stormwater Pollution Prevention Plan, Erosion and Sediment Control Plan, Stormwater Management Plan, Pollution Prevention Plan, TMDL requirements, etc.)

ACKNOWLEDGEMENTS

I certify under penalty of law that the qualified personnel identified below:

- has been designated by the Operator to conduct inspections of the permitted site; is knowledgeable in the principles and practices of erosion and sediment control and stormwater management; possesses the skills to assess conditions at the permitted site for the Operator(s) that could impact stormwater quality and quantity; will assess the effectiveness of any erosion and sediment control measures or stormwater management facilities selected to control the stormwater discharges from the permitted site; and will conduct inspections in accordance with the frequency noted above in the OPERATOR INSPECTIONS section of this sheet.

Table with 2 columns: Name (print), Phone. Includes a section for REVISIONS TO LOCATIONS with columns for Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for storage and disposal of hazardous and toxic wastes, Operator's Initials.

As the Operator(s) or Delegated Authority, I/we understand that prior to initiating land disturbance, the potential pollutant sources, appropriate control measures, and all responsible parties (operator, qualified inspection personnel, contractors, etc.) required as a condition of the General Construction Permit (GCP) and the Stormwater Pollution Prevention Plan (SWPPP) must be identified. I also understand this information must be updated as necessary throughout all phases of construction until the GCP is terminated.

I/we certify under penalty of law that I/we have read and understand all requirements of the SWPPP (erosion and sediment control plan, stormwater management plan, pollution prevention plan, TMDL provisions, administrative requirements, etc.) and GCP and that the information herein is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

I/we understand that I/we are ultimately responsible for compliance with all conditions and requirements of the SWPPP and GCP and for ensuring all contractors and subcontractors on the permitted site are aware of the conditions and requirements of the SWPPP and GCP.

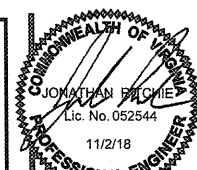
I/we shall comply with all conditions and requirements of the SWPPP and shall at all times properly operate and maintain all measures and control (and related appurtenances) which are installed or used to achieve compliance with the conditions of the GCP. Proper operation and maintenance also includes adequate funding and adequate staffing.

I/we shall take all reasonable steps to minimize or prevent any discharge in violation of the SWPPP and/or GCP. I/we understand that if it determined by the Department of Environmental Quality (DEQ) in consultation with the State Water Control Board at any time that stormwater discharges are causing, have reasonable potential to cause, or contribute to and excursion above any applicable water quality standard, the DEQ may, in consultation with the Administrator, take appropriate enforcement action and require:

- Modification of control measures to adequately address water quality concerns; Submission of valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or Cessation of discharges of pollutants from construction activity and submit an individual permit application according to 4VAC25-870-410.

Table with 3 columns: Name (print), Signature, Date. Includes a section for REVISIONS TO LOCATIONS with columns for Date, Shown on Plan Sheet #, Location(s) of Dedicated Area(s) for portable toilets, Operator's Initials.

Additional contact information can be found in the SWPPP Binder.



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REVISION DATE:



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