VESMP AUTHORITY LAND DISTURBING PERMIT APPLICATION

Submission Requirements Checklist For
Projects With More Than 1 Acre of Disturbance
(Not Part of A Common Plan Of Development)

Print

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DIVISION OF ZONING & DEVELOPMENT SERVICES
16 Courthouse Square Warrenton, VA 20186

E&S Phone: 540-422-8240
Zoning Phone: 540-422-8220
Facsimile: 540-422-8231

Submitted Requirements:

- ☐ Submission Requirements Checklist
- ☐ Land Disturbance/Zoning Permit Application with original signatures
- ☐ Virginia DEQ General VPDES Permit (VAR10) Registration Statement
- ☐ Four (4) copies of the Erosion & Sediment Control and Stormwater Management Plan
- ☐ Checklist for Erosion & Sediment Control Plans
- ☐ SWM/BMP Checklist
- ☐ Stormwater Pollution Prevention Plan
- ☐ Responsible Land Disturber Certification
- ☐ Fee Calculation Sheet
- ☐ Fees due per Fee Calculation Sheet
- ☐ Thumb drive containing individual PDFs of all submission materials

Additional Submission Requirements (as applicable):

- ☐ VDOT Entrance Permit
- ☐ Health Department Construction Permit
- ☐ Permits for Wetland Impacts, or Pond/Stream work
- ☐ Floodplain Certification – required for crossings and access built in floodplain
- ☐ If applying for a farm structure, a separate zoning permit is required for the farm structure

Prior to permit issuance submission requirements:

- ☐ DEQ Notice of Coverage Letter for Construction General Permit (VAR10)
- ☐ Land Developer's Agreement and Performance Guarantee has been approved and posted
- ☐ Stormwater Management Maintenance Agreement has been recorded
- ☐ Any Stormwater/Drainage Easement Plats have been recorded
- ☐ Final portion of the VESMP fee

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FEE CALCULATION SHEET

LAND DISTURBING PERMIT AND VIRGINIA EROSION & STORMWATER MANAGEMENT PROGRAM FEES

PROJECT NAME: _____

Land Disturbing Permit (LDP)

1.	E&S Plan Review (where not part of a larger plan review)	$500 + ($150 X_____) no. of acres	=	$_____
2.	All Others ($25,000 maximum)	$500 + (10% X _____) E&S Bond	=	$_____
3.	Land Disturbing without Permit	$250 + LDP Fee	=	$_____
4.	Land Disturbing Permit Reinstatement Fee (50% of the current Land Disturbing Permit Fee or $1500, whichever is less for Reinstatement of permit after Stop Work Order)		=	$_____
5.	Zoning Fee	$100.00	=	$**100.00**

Land Disturbing Permit Subtotal: = $ _____

_____ + _____ **Total Amount Due: = $** _____
Subtotal **10% Technology Fee**

VESMP Application Fee (50% of total fee):

1. VESMP Application Fee based on area of disturbance = $_____
   Disturbance ≥ 10,000 sq. ft. and <5 acres = $1,978 Disturbance ≥ 5 and < 10 acres = $2,251
   Disturbance ≥ 10 acres and < 50 acres = $2,730 Disturbance ≥ 50 acres and < 100 acres = $3,665 Disturbance ≥100 acres= $5,594

VESMP Application Subtotal: = $ _____

_____ + _____ **Total Amount Due: = $** _____
Subtotal **10% Technology Fee**

Issuance of VESMP and LDP- Release of Plan (50% of total fee)

**Note: Bond must also be posted*

1. VESMP Application Fee based on area of disturbance = $_____
   Disturbance ≥ 10,000 sq. ft. and <5 acres = $1,978
   Disturbance ≥ 5 and < 10 acres = $2,251
   Disturbance ≥ 10 acres and < 50 acres = $2,730
   Disturbance ≥ 50 acres and < 100 acres = $3,665
   Disturbance ≥100 acres= $5,594

Issuance Of VESMP Subtotal: = $ _____

_____ + _____ **Total Amount Due: = $** _____
Subtotal **10% Technology Fee**

Annual VESMP/LDP Maintenance Fees

1. VESMP Maintenance
   (Paid annually by the anniversary date of the permit coverage until a Notice of Termination is effective.) = $_____
   Disturbance ≥ 10,000 sq. ft. and <5 acres = $400
   Disturbance ≥ 5 and < 10 acres = $500
   Disturbance ≥ 10 acres and < 50 acres = $650
   Disturbance ≥ 50 acres and < 100 acres = $900
   Disturbance ≥100 acres= $1,400

2. LDP Maintenance
   (Paid annually by the anniversary date of the permit coverage until a Notice of Termination is effective.) = $_____
   Disturbance ≥ 10,000 sq. ft. and <5 acres = $1,200
   Disturbance ≥ 5 and < 10 acres = $1,500
   Disturbance ≥ 10 acres and < 50 acres = $1,950
   Disturbance ≥ 50 acres and < 100 acres = $2,700
   Disturbance ≥100 acres= $4,200
   Maximum of Original LDP Fee

Annual VESMP/LDP Maintenance Subtotal: = $ _____

_____ + _____ Total Amount Due: = $ _____
Subtotal **10% Technology Fee**

As-Built Submission

1. 1st and 2nd Submissions = $400
2. 3rd & Subsequent Submissions = $300 = $_____

As-Built Submission Subtotal: = $ _____

_____ + _____ Total Amount Due: = $ _____
Subtotal **10% Technology Fee**

Bond Reduction or Release Request

Each Request = $500 = $_____

Bond Reduction or Release Request Subtotal: = $ _____

_____ + _____ Total Amount Due: = $ _____
Subtotal **10% Technology Fee**

LAND DISTURBING PERMIT APPLICATION

Zoning Permit #: _____

Land Disturbing Permit #: _____

DIVISION OF ZONING & DEVELOPMENT SERVICES
16 Courthouse Square, Suite 100
Warrenton, VA 20186

Erosion & Sediment Phone: 540-422-8240
Community Development Phone: 540-422-8200
Facsimile: 540-422-8231

Application is made for a land disturbing permit in accord with the description and for the purposes hereinafter set forth and in accordance with the Fauquier County Erosion and Stormwater Management Ordinance, effective July 1, 2024, as amended, and Section 13-501 of the Fauquier County Zoning Ordinance.

☐ Land Disturbing Permit ☐ Supplemental Land Disturbing Plan ☐ Stop Work Reinstatement
☐ Zoning Permit ☐ Other: _____

Project Name: _____ Approved Site Plan Case No.: _____
Project Location (Rte. /St#): _____ PIN #: _____
Acreage to be Disturbed: _____ Project Completion Date: _____
Provide a brief description of the type of work (ex: building a road or driveway, single family home) and the land area involved (square feet, acres, length of road):

_____

_____

DESIGNATED RESPONSIBLE LAND DISTURBER	
Name: _____	Certificate No.: _____
Address: _____	Phone: _____
_____	Email: _____

As owner, I hereby certify that:

- I have read and examined this application and know the information provided is true and correct.
- I agree to comply with the Erosion and Sediment Control Plan, approved by the County and with the Fauquier County Erosion and Stormwater Management Ordinance.
- I further grant right-of-entry onto the property described above and in that attached plan, to the agents and employees of Fauquier County for purposes of inspection or monitoring of the installation or re-installation, of erosion and sediment control measures.
- I further agree to comply with all applicable provisions of the Fauquier County Zoning ordinance for purposes of satisfying Section 13-501 of the Fauquier County Zoning Ordinances.

I understand that the issuance of this Land Disturbing Permit under the provisions of Chapter 11 of the Code of Fauquier County in no way guarantees or vests me with any other type of administrative or legislative permit approval in regard to this property, which is the subject of the Land Disturbing Permit. I agree to comply with the inspection and monitoring report schedule that has been/or will be set for me during the Erosion and Sediment Control Plan review process.

OWNER	APPLICANT
Name: _____	Name: _____
Address: _____	Address: _____
Phone: _____	Phone: _____
Email address: _____	Email address: _____
_____ _____	_____ _____
Owner's Signature Date	Applicant's Signature Date

FOR OFFICIAL USE ONLY: ZONING	
Zoning Permit # _____ Land Disturbing Permit # _____	
Zoning Designation:_____ Required Setbacks – Front: _____Side:_____ Rear:_____	
Do the following apply to the property? Floodplain: ☐ No ☐ Yes BOS Easement: ☐ No ☐ Yes Proffers: ☐ No ☐ Yes ……Case #: _____ Site Plan: ☐ No ☐ Yes ……Case #: _____ SP or SE: ☐ No ☐ Yes ……Case #: _____	Notes/Comments For Permit:
_____/ _____ Signature: Zoning Administrator/Staff Date	

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERAL VPDES PERMIT FOR DISCHARGES OF STORMWATER FROM CONSTRUCTION ACTIVITIES (VAR10)

PERMIT #: _____
PLAN/ID #: _____

Application type. (CHOOSE ONE)
☐ **NEW PERMIT ISSUANCE**
☐ **MODIFICATION WITH ACREAGE INCREASE: Permit # _____**
☐ **MODIFICATION WITHOUT ACREAGE INCREASE: Permit # _____**
☐ **EXISTING PERMIT REISSUANCE: Permit #_____**

Section I. Operator/Permittee/Billing Information.

A. Construction Activity Operator (Permittee). The person or entity that is applying for permit coverage and will have operational control over construction activities to ensure compliance with the general permit. A person with signatory authority for this operator must sign the certification in Section V (per Part III.K of the VAR10 Permit).	
Operator Name:	
Contact person:	
Address:	
City, State and Zip Code:	
Phone Number:	
Primary and CC Email(s):	
State Corporation Commission Entity Number (if applicable):	
B. Electronic correspondence. To receive an emailed coverage letter or to pay by credit card, you must choose **YES** and include a valid email. May we transmit correspondence electronically? **YES ❑ NO ❑**	

Section II. Construction Activity Information.

A. Include a legible site map showing the location of the existing or proposed land-disturbing activities for which the operator is seeking permit coverage, the limits of land disturbance, construction entrances, construction support activities, and all waterbodies receiving stormwater discharges from the construction site.	
B. Project site location information.	
Construction Activity Name:	
Address:	
City and/or County and Zip Code:	
Construction Activity Entrance Location (description or street address):	
Latitude and Longitude (6-digit, decimal degrees format, e.g. 37.1234, -78.1234):	
C. Acreage totals for all land-disturbing activities to be included under this permit coverage. Report to the nearest one-hundredth of an acre.	
Total area of the construction site (including off-site area):	
Estimated area to be disturbed by the construction activity (on-site only):	
Off-site estimated area to be disturbed (if applicable; please also refer to Section III):	
D. Construction Activity Status:	**FEDERAL ☐ STATE ☐ PUBLIC ☐ PRIVATE ☐**
E. Nature of the Construction Activity Description (i.e. commercial, industrial, residential, agricultural, utility, solar, linear, stream restoration, etc.):	

F. Municipal Separate Storm Sewer System (MS4) name(s) (if the construction activity is discharging to an MS4):	
G. Estimated Construction Activity Dates.	
Start Date:	
Completion Date:	
H. Is this construction activity part of a larger common Plan of development or sale?	**YES ☐ NO ☐**

I. 6th Order Hydrologic Unit Code (HUC) and Receiving Water Name(s). Include additional areas on a separate page.

HUC	NAME(S) OF RECEIVING WATER WWATERBODY

Section III. Off-site Support Activity Location Information.

List all off-site support activities and excavated material disposal areas being utilized for this project. Include additional areas on a separate page.

Off-site Activity Name:	
Address:	
City or County:	
Off-site Activity Entrance Location (description or street address):	
Latitude and Longitude (6-digit, decimal degrees format, e.g., 37.1234, -78.1234):	
Is this off-site activity an excavated material disposal area?	**YES ☐ NO ☐**
If this off-site activity is an excavated material disposal area, list the contents of the excavated fill material:	
Will a separate VPDES permit cover this off-site activity?	**YES ☐ Permit #**_____ **NO ☐**

Section IV. Other Information.

A. A Stormwater Pollution Prevention Plan (SWPPP) must be prepared in accordance with the requirements of the General VPDES Permit for Discharges of Stormwater from construction activities prior to submitting the registration statement. By signing the registration statement, the operator certifies the SWPPP has been prepared.	
B. Has an Erosion and Sediment Control Plan been submitted to the VESC Authority for review?	**YES ☐ NO☐**
Erosion and Sediment Control Plan Approval Date: (for the estimated area to be disturbed; MM/DD/YYYY)	
C. Has land-disturbance commenced?	**YES ☐ NO ☐**
D. Standards and Specifications. If this project is utilizing approved Standards and Specifications (S&S), attach the completed S&S Entity Form.	
E. Will nutrient credits be used to comply with the water quality design criteria requirements (9VAC25-875-580)? **YES ☐ NO ☐** (If yes, please include a copy of the letter of availability from an appropriate nutrient bank that nonpoint source nutrient credits are available.)	

Section V. Certification. A person representing the operator as identified in Section I.A and meeting the requirements of Part III.K of 9VAC25-880-70 must physically sign this certification. A typed signature is not acceptable. Please note that operator is defined in 9VAC25-875-20 as follows:

> *"Operator" means the owner or operator of any facility or activity subject to the VESMA and this chapter. In the context of stormwater associated with a large or small construction activity, "operator" means any person associated with a construction project that meets either of the following two criteria: (i) the person has direct operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications or (ii) the person has day-to-day operational control of those activities at a project that are necessary to ensure compliance with a stormwater pollution prevention plan for the site or other permit or VESMP authority permit conditions (i.e., the person is authorized to direct workers at a site to carry out activities required by the stormwater pollution prevention plan or comply with other permit conditions). In the context of stormwater discharges from an MS4, "operator" means the operator of the regulated MS4 system.*

9VAC25-880-70. Part III.K. Signatory requirements. All registration statements shall be signed as follows:

a. "For a corporation: by a responsible corporate officer. For the purpose of this chapter, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

c. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this chapter, a principal executive officer of a public agency includes (i) the chief executive officer of the agency or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency."

Certification: "I certify under penalty of law that I have read and understand this registration statement and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted 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 and imprisonment for knowing violations."

Printed Name: _____

Signature (signed in ink): _____

Date Signed: _____

Section VI. Submittal Instructions. Submit this form to the VESMP Authority. If the locality is the VESMP Authority, please send your registration statement submittal directly to the locality; do NOT send this form to DEQ. A list of local VESMP Authorities is available here: VESMP Authorities.

If DEQ is the VESMP Authority, please send to:

Department of Environmental Quality
Office of Stormwater Management Suite 1400
PO Box 1105
Richmond VA 23218
constructiongp@deq.virginia.gov

If the locality is the VESMP Authority, please send to:

The Local VESMP Authority *(insert address below):*

Fauquier County
Department of Community Development
16 Courthouse Square
Warrenton, VA 20186

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2024 INSTRUCTIONS

PLEASE DO NOT PRINT OR SUBMIT

This registration statement is for coverage under the General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Stormwater from Construction Activities (also referred to as the Construction General Permit). This form covers the following permit actions: new permit issuance, existing permit modification with an increase in acreage, existing permit modifications that result in a plan modification but do not result in an increase in disturbed acreage, and reissuance of an active permit coverage.

Application type. Select **NEW PERMIT ISSUANCE** to obtain a new permit coverage. Modifications are for modifying an existing, active permit coverage. Select **MODIFICATION WITH ACREAGE INCREASE** when the previously approved acreage(s) increases (permit modifications are not performed for decreases in acreage unless they result in plan changes – see Modification WITHOUT Acreage Increase). Select **MODIFICATION WITHOUT ACREAGE INCREASE** when there is a change to the site design resulting in a change to the approved plans with no increase in acreage(s). Select **EXISTING PERMIT REISSUANCE** to extend an expiring permit coverage for the next permit cycle and include the existing permit number.

Section I. Operator/Permittee/Billing Information.

A. Construction Activity Operator (Permittee). The person or entity that is applying for permit coverage and will have operational control over construction activities to ensure compliance with the general permit. For companies, use the complete, active, legal entity name as registered with a state corporation commission. Entities that are considered operators commonly consist of the property owner, developer of a project (the party with control of project plans and specifications), or general contractor (the party with day-to-day operational control of the activities at the project site that are necessary to ensure compliance with the general permit). If an individual person is listed as the operator, that person (or a legal representative of) must sign the certification in Section V. An operator may be one of the following:

9VAC25-875-20. Definitions.

"Operator" means the owner or operator of any facility or activity subject to the VESMA and this chapter. In the context of stormwater associated with a large or small construction activity, "operator" means any person associated with a construction project that meets either of the following two criteria: (i) the person has direct operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications or (ii) the person has day-to-day operational control of those activities at a project that are necessary to ensure compliance with a stormwater pollution prevention plan for the site or other permit or VESMP authority permit conditions (i.e., the person is authorized to direct workers at a site to carry out activities required by the stormwater pollution prevention plan or comply with other permit conditions). In the context of stormwater discharges from an MS4, "operator" means the operator of the regulated MS4 system.

"Owner" means the same as that term as defined in § 62.1-44.3 of the Code of Virginia. For a regulated land-disturbing activity that does not require a permit, "owner" also means the owner of the freehold of the premises of lesser estate therein, mortgagee or vendee in possession, assignee of rents, receiver, executor, trustee, lessee, or other person, firm or corporation in control of a property.

"Person" means any individual, partnership, firm, association, joint venture, public or state corporation, trust, estate, commission, board, public or private institution, utility, cooperative, county, city, town, or other political subdivision of the Commonwealth, governmental body, including a federal or state entity as applicable, any interstate body or any other legal entity.

B. May we transmit correspondence electronically? If you choose **YES** to this question and provide an email address in Section I. A., all correspondence, forms, invoices and notifications will be transmitted by email to the operator. This will also give the operator the ability to pay by credit card and to receive permit coverage approval letters immediately upon permit approval.

Section II. Construction Activity Information.

A. A legible site map showing the location of the existing or proposed land-disturbing activities for which the operator is seeking permit coverage, the limits of land disturbance, construction entrances, construction support activities, and all water bodies receiving stormwater discharges from the construction site must be included with the submittal of this form. Aerial imagery maps or topographic maps showing the required items are acceptable. Plan sheet sized site maps are not required. Please consult your VESMP authority if you have additional questions regarding site map requirements.

B. Construction Activity Name and location. Provide a descriptive name of the construction activity to be covered under the general permit (it is helpful to use the same naming convention as listed on the Stormwater Management plans), 911 street address (if available), city/county of the construction activity, and the 6-digit latitude and longitude in decimal degrees format for the centroid, main construction entrance or start and end points for linear projects (i.e., 37.1234, -77.1234).

C. Acreage totals for all construction site activities, on- and off-site, to be included under this permit. Acreages are to be reported to the nearest one-hundredth acre (two decimal places, i.e., 1.15 acres). Provide the total acreage of the construction site as approved on the Stormwater Management Plans and the estimated on-site acreage to be disturbed by the construction activity as approved under the Erosion and Sediment Control Plans. The off-site estimated area to be disturbed is the sum of the disturbed acreages for all off-site support activities to be covered under this general permit. The total area of the construction site includes the construction support activities located on-site and off-site. Permit fees are calculated based on your disturbed acreage total for all on- and off-site areas being disturbed under this permit coverage (the sum of all on-site and off-site disturbed acreages).

D. Construction activity owner status. The status of the construction activity property owner. Any property not owned by a government entity or agency (i.e. federal, state or local governments) is **PRIVATE**.

E. Nature of the construction activity description. Choose the designation that best describes the post-construction use of this project (you may choose more than one). (i.e. commercial, industrial, residential, agricultural, utility, solar, linear, stream restoration, etc.). Describe the post-construction use of the project (i.e. commercial – one new office building and associated parking and utilities; transportation – linear roads, sidewalks and utilities; agricultural – three poultry houses, etc.).

F. Municipal Separate Storm Sewer System (MS4) name(s) if discharging to an MS4. If stormwater is discharged through an MS4 (either partially or completely), provide the name of the MS4(s) that will be receiving water from this construction activity. The MS4 name is typically the town, city, county, institute, or federal facility where the construction activity is located.

G. Estimated construction activity dates. Provide the estimated construction activity start date and completion date in Month/Day/Year or MM/DD/YYYY format (i.e. 07/30/2019).

H. Is this construction activity is part of a larger common plan of development or sale? Per 9VAC25-875-20, "common plan of development or sale" means a contiguous area where separate and distinct construction activities may be taking place at different times on different schedules (i.e. a subdivision, commercial development, business park, etc.).

I. Sixth (6^{th}) Order Hydrologic Unit Code (HUC) and associated Receiving Water Name(s). Provide all 6^{th} order HUCs and receiving waterbody names, for the primary site and any off-site areas included under this permit coverage, that could potentially receive stormwater runoff discharging from this activity. The HUC can be either a 12-digit number (i.e., 0208010101) or 2-letter, 2-number code (i.e., JL52). Include additional HUCs or receiving waters on a separate page. You may utilize DEQ's web-based GIS application to obtain this information.

- DEQ Environmental Data Mapper (EDM) application link: Environmental Data Mapper
- Instructions, help and resources for using DEQ's EDM application link: EDM Help & Resources

Section III. Off-site Support Activity Location Information.

This general permit also authorizes stormwater discharges from support activities (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas, etc.) located on-site or off-site provided that (i) the support activity specifically supports the construction activity that is required to have general permit coverage; (ii) the support activity is not a commercial operation, nor does it serve multiple unrelated construction activities by different operators; (iii) the support activity does not operate beyond the completion of the construction activity it supports; (iv) the support activity is identified in the registration statement at the time of general permit coverage; (v) appropriate control measures are identified in a SWPPP and implemented to address the discharges from the support activity areas; and (vi) all applicable state, federal, and local approvals are obtained for the support activity.

Off-site activity name and location information. Provide a descriptive off-site project name, 911 street address (if available), construction entrance location (address or description), city/county and the 6-digit latitude and longitude in decimal degrees (i.e., 37.1234, -77.1234) of all off-site support activities. Indicate whether the off-site support activity will be covered under this general permit or a separate VPDES permit.

If excavated material (i.e., fill) will be transported off-site for disposal, the name and physical location address, when available, of all off-site excavated material disposal areas including city or county; 6-digit latitude and longitude in decimal degrees (i.e., 37.1234, -77.1234) and the contents of the excavated material.

List additional off-site areas to be included under this permit coverage on a separate page. Off-site areas not included on this registration will need to obtain coverage under a separate VPDES permit.

Section IV. Other Information.

A. A stormwater pollution prevention plan (SWPPP) must be prepared prior to submitting the registration statement per 9VAC25-880. See 9VAC25-880-70 Part II Of the General Permit for the SWPPP requirements.

B. If the Erosion and Sediment Control Plan for the estimated area to be disturbed listed in Section II. C has been submitted to the Virginia Erosion and Sediment Control Program (VESCP) Authority for review and approval, choose **YES**. If you are submitting this application to reissue an existing permit coverage, please provide the date that the VESCP Authority approved the Erosion and Sediment Control Plan for the estimated area to be disturbed. If land disturbance has commenced, choose **YES**. "Land disturbance" or "land-disturbing activity" means a man-made change to the land surface that may result in soil erosion or has the potential to change its runoff characteristics, including construction activity such as the clearing, grading, excavating, or filling of land.

D. If this project is using approved Standards and Specifications (S&S), attach the completed S&S Entity Form. If the S&S Entity is different from the operator identified in Section I.A., list the S&S Entity Name. The S&S entity is the entity or agency that holds the approved standards & specification. Please indicate if this project is also requesting a plan waiver.

- S&S Entity Form link: Standards and Specifications Entity Information Form

E. If nutrient credits will be used to comply with the water quality design criteria requirements (9VAC25-875-590), choose **YES**. In addition, include a copy of the letter of availability from an appropriate nutrient bank that nonpoint source nutrient credits are available. If nutrient credits will not be used, choose **NO**.

Section V. Certification.

A properly authorized individual associated with the operator identified in Section I.A. of the registration statement is responsible for certifying and signing the registration statement. A person must physically sign the certification, a typed signature is unacceptable. State statutes provide for severe penalties for submitting false information on the registration statement. State regulations require that the registration statement be signed as follows per 9VAC25-880-70 Part III.K.1:

"a. For a corporation: by a responsible corporate officer. For the purpose of this part, a responsible corporate officer means:

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation; or

(ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedure;

b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

c. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this part, a principal executive officer of a public agency includes:

(i) the chief executive officer of the agency, or

(ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Section VI. Submittal Instructions.

Submit this completed signed form to the VESMP/VSMP authority that has jurisdiction for your construction activity. The appropriate authority may be either the local government your locality depending on the location and type of project or DEQ. If your project is under the jurisdiction of a local VESMP authority, please contact the locality for additional submittal instructions. A blank area is provided for the local VESMP authority's mailing address.

Who is the authority for my project? DEQ or the locality?

- **DEQ:** DEQ is the VSMP Authority and administers permit coverage for land-disturbing activities that are:
  - within a locality that is not a VESMP authority;
  - owned by the State or Federal government; or
  - utilizing approved Standards and Specifications.

  Email the completed and signed form to: constructiongp@deq.virginia.gov

- **The Locality:** The local government (locality) is the VESMP authority and administers permit coverage for all other projects not covered by DEQ as listed above. For these projects, please submit permit forms directly to the local VESMP authority. A list of local VESMP authorities is available on DEQ's website here: Local VESMP Authority List.

CHECKLIST FOR EROSION & SEDIMENT CONTROL PLANS

☐ **Minimum Standards** – All applicable Minimum Standards must be addressed.

NARRATIVE

☐ **Project Description –** Briefly describes the nature and purpose of the land-disturbing activity (Chapter 4, VSMH).
- Total acreage of site
- Total disturbed acreage
- Include how many acres will be in permanent seed
- Include all utility work (storm sewer and waterline)
- Include work in live streams as defined by DEQ

☐ **Existing site conditions** – A description of the existing topography, vegetation and drainage (Chapter 4, VSMH).
- Wetland type vegetation
- Shrubs/tree line
- Include all drainage swales
- Identify any existing structures

☐ **Adjacent areas** – A description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance (Chapter 4, VSMH).
- Include all adjacent sensitive areas such as wetlands or water bodies
- Address any possible traffic issues
- Does it reflect actual conditions
- Staging areas

☐ **Off-site areas** – Describe any off-site land disturbing activities that will occur (including borrow sites, waste or surplus areas, etc.) (9VAC25-875-240, Chapter 4, VSMH).
- Does the site balance in regard to amount of cut and fill?
- Will off-site areas be used as a borrow area or stockpile?
- Include a note that the borrow area or stockpile location has not been identified with this plan, that a plan amendment will be required along with a bond estimate for the new disturbance if the borrow area and stockpile location is not permitted
- Off-Site Soil Tracking Form

☐ **Soils** – A brief description of the soils on the site giving such information as (Chapter 4, VSMH):
- Soil name
- Mapping unit
- Erodibility
- Permeability
- Depth
- Texture
- Soil structure
- Type 1 Soil Map provided
- Specify micaceous soils
- Reference soils information in narrative to plan sheet
- Specify high water table soils

☐ **Critical Areas** – A description of areas on the site which have potentially serious erosion problems (Chapter 4, VSMH).
- Drainfields
- Offsite SWM facility

- Micaceous soils – highly erodible soils
- Wetlands or water bodies
- Steep slopes
- Wet weather/underground springs
- Channels
- Traffic issues

☐ **Erosion and sediment control measures** – A description of the methods which will be used to control erosion and sedimentation on the site (Controls should meet the specifications in Chapter 7, VSMH).
- Controls used should be specific to the project
- List E&S controls to be used – Reference to VSMH
- Provide detail for each control – Reference to VSMH
- Include the statement:
  "The E&S inspector has the authority to add or delete E&S controls as necessary in the field as site conditions change. In addition, no sediment basin or trap can be removed without written authorization."
- Stream crossing installation (MS-12 through MS-15, C-ENV-03)
  - Type of diversion needs to be provided
  - How will the work be done in the dry?
  - What type of crossing will be used?
  - Removal process? Stabilization?

☐ **Coordinate a Pre-Construction Conference with the Environmental Division after receiving the Land Disturbing Permit.**

☐ **Management Strategies** (Chapter 4, VSMH)
- Discuss E&S Phase 1 and Phase 2
- Perimeter sediment trapping issues to be installed as a first step.
- Include the phasing of removal for each sediment basin and sediment trap, until all upslope areas are stabilized. Take into consideration utility installation, roadways, building locations, etc.
- Discuss conversion of sediment basins to its permanent stormwater facility for both wet and dry ponds.
  - **Procedure for Converting Dry Ponds:** (C-SCM-12)
    - Consult with the E&S inspector prior to beginning the conversion from sediment basin to dry pond to ensure the timing is appropriate for the conversion to take place.
    - Pump down basin – use approved dewatering measures. Effluent must be filtered.
    - Remove accumulated sediment (as needed) to establish the final grade of the pond.
    - Grade and roughen the bottom of the pond to prepare it for seeding.
    - Install debris/trash rack device on the low-flow orifice to prevent clogging.
    - Seed, mulch, and tack jute mesh or other suitable meshing to the bottom of the pond.
    - After the conversion is complete, prepare and submit as-built plans of the pond(s) to the Department of Community Development in conjunction with the bond release request.
  - **Procedure for Converting Wet Ponds:** (C-SCM-12)
    - Consult with the E&S inspector prior to beginning the conversion from sediment basin to wet pond to ensure the timing is appropriate for the conversion to take place.
    - Pump down basin – use approved dewatering measures. Effluent must be filtered.
    - Remove accumulated sediment (as needed) to establish the final grade of the pond. Sediment must be disposed of in an approved area.
    - Grade and roughen the bank of the pond to prepare it for seeding.

☐ **Permanent stabilization** – A brief description, including specifications, of how the site will be stabilized after construction is completed (MS-1 through MS-3, and MS-5, Chapter 7, VSMH).
- Specify type of seeding, matting, sod or other types of stabilization that may be used.
- Include Table C-SSM-09-3 (temporary seeding guidelines)
- Include Table C-SSM-10-7 (permanent seeding guidelines)
- Include Table C-SSM-11-5 (mulching guidelines)

☐ **Stormwater runoff considerations** – Will the development site cause an increase in peak runoff rates? Will the increase in runoff cause flooding or channel degradation downstream? Describe the strategy to control stormwater runoff (MS-19).
- The first paragraph of MS-19 has been included.
- List what type of permanent stormwater facility will be installed on the project.

☐ **Calculations** – Detailed calculations for the design of temporary sediment basins, permanent stormwater detention basins, diversions, channels, etc. Include calculations for pre- and post-development runoff. (VAC25-875-560, MS-19, Chapter 4, VSMH)
- The following information must be submitted when a Temporary Sediment Basin is used for the project (C-SCM-12, MS-6, VSMH):
  - Temporary Sediment Basin Design Data Sheets
  - Time of concentration flow path (broken up into sheet, shallow concentrated, and channel flow). When a Tc of 5 minutes is used, the flow path is not required
  - Stage/storage elevation information in graph format
  - When using TR-55, all worksheets must be included in submittal.
  - When using the Modified Rational method (for drainage areas less than 20 acres) a "C" factor of 0.6 must be used.
  - A schematic for each sediment basin must be provided showing dimensions and elevations.
  - Show the length of the flow path from the inflow at the wet pool to the outflow to ensure that the length to width ratio is adequate.
  - Emergency spillway dimensions and calculations.
  - Include this note that a stake or spray paint marker on riser for cleanout elevation will need to be in place for sediment basins and sediment traps.
- The following information must be submitted when a Temporary Sediment Trap is proposed for the project (C-SCM-11, MS-6, VSMH):
  - Embankment heights (H), Outlet Height (Ho), and Minimum Top Widths (W), Wier Length
  - One detail for multiple traps is sufficient
  - Provide dimensions for wet and dry storage
  - Provide wet and dry storage elevations
  - Provide cleanout elevation
  - Include this note that a stake or spray paint marker on riser for cleanout elevation will need to be in place for sediment basins and sediment traps.
- The following information must be submitted with a Temporary Stream Crossing (Std. C-ENV-03, MS-12 through MS-15, VSMH)
  - If a crossing is to remain in place up to 14 days, must carry a 2-year storm
  - If a crossing is to remain in place for 14 days to 1 year, it must be sized to carry a 10-year storm
  - A profile for the crossing and all calculations used must be submitted
  - Drainage size shown
  - Does pipe diameter provided coincide with drainage area?
  - Temporary culvert crossing should not exceed 40 feet

☐ **Maintenance** – A schedule of regular inspections and repair of erosion and sediment control structures should be set forth. Please include maintenance information for each control proposed to be used (9VAC25-875-300)
- Add a note that RLD reports can be audited by the E&S inspector at any time. If RLD reports are not provided, the E&S inspector can report this to DEQ. A follow-up inspection may take place by DEQ.

SITE PLAN

☐ **Vicinity map** – A small map locating the site in relation to the surrounding area. Include any landmarks which might assist in locating the site (Chapter 4, VSMH).
- Directions

☐ **Indicate North** – The direction of north relating to the site (Chapter 4, VSMH).

- This is to be shown on each plan sheet, including on the vicinity map

☐ **Scale** – The E&S plan should be at a scale of at least 1" = 50' (Chapter 4, VSMH).

☐ **Limits of clearing and grading** – Areas which are to be cleared and graded. All areas involved in the construction of the project should be included (Chapter 4, VSMH).
- Construction entrances must be included at all access points
- Include "staging areas"
- Include stockpile/borrow areas
- Areas that may have safety fence but will not be disturbed
- Phase 1 E&S controls – give spot elevations to show drainage
- Off-site stockpile areas
- Trails
- Well installation
- Storm sewer installation
- Waterline installation
- Power line installation
- Stream crossings
- Drainfields
- Drip lines for trees to be retained

☐ **Existing contours** – The existing contours of the site (Chapter 4, VSMH)
- Does this reflect the actual current condition of the site?
- Show sufficient elevations

☐ **Final contours** – Changes to existing contours, including final drainage patterns (Chapter 4, VSMH)

☐ **Existing vegetation** – The existing tree lines, grassed areas, or unique vegetation (Chapter 4, VSMH)
- Does this reflect the actual current condition of the site?

☐ **Soils** – The boundaries of different soil types (Chapter 4, VSMH)
- Show on the E&S Phase 1

☐ **Existing drainage patterns** – The dividing lines and the direction of flow for the different drainage areas. Include the size (acreage) of each drainage area. (Chapter 4, VSMH)
- Show drainage areas and acreage for pre-development on phase 1.
- Show drainage areas and acreage for post-development on phase 2.

☐ **Critical erosion areas** – Areas with potentially serious erosion problems (Chapter 4, VSMH)
- Identify critical areas with * on the Phase 1 & 2 E&S plan

☐ **Site development** – Show all improvements, such as buildings, parking lots, access roads, utility construction, etc. (Chapter 4, VSMH)

NOTE: On smaller subdivisions, where lots are to be sold to individuals prior to home construction and individual contractors are obtained by the property owners, then the buildings and driveways do not need to be shown on the plans.
- The following information needs to be included in the plan and on each plat:
  "At the time of building permit application, the individual owner is responsible for preparing an erosion and sediment control plan for review or applying for an "Agreement In Lieu of" at the discretion of the County prior to any land disturbing activities beyond what is shown and bonded on the approved final construction plans."
- The following language needs to be included in the construction plan:
  "No erosion and sediment control plan review was done for the individual lot improvements beyond what is shown on the approved final construction plans. At time of building permit application, the individual lot owner is responsible for preparing an erosion and sediment control plan for review or applying for an "Agreement In Lieu of" at the discretion of the County prior to any land disturbing activities."

- Sediment basins and sediment traps need to stay in place until upslope areas are stabilized, take into consideration utility installation, lots, and buildings.
- Roads and lots need to be shown on Phase 1 and 2.
- Actual lot numbers and road names need to be shown on phase 2
- Target areas to be stabilized ASAP
- Consider phasing of a project
- All engineered plans require a phase 1 and 2 E&S plan
- Sanitary sewer, water line and storm sewer must be shown on the Phae 2 E&S plan. Structure numbers must also be shown. While these are not required to be shown on the Phase 1 E&S plan, the perimeter E&S controls for Phase 1 must take the construction of these utilities into account.
- Keep all of Phase 1 E&S controls on Phase 2 E&S plans
- Show stockpiles – with appropriate E&S controls
- Are stockpiles located above sensitive areas?

☐ **Location of practices** – The locations of erosion and sediment controls and stormwater management practices used on the site. Use the standard symbols and abbreviations in Chapter 7 of the Virginia Stormwater Management Handbook.
- Use standard symbols to identify controls
- Provide a legend
- When micaceous soils are found on a site, rock check dams and silt fence should be used in conjunction with sediment traps and sediment basins in those areas.

☐ **Off-site areas** – Identify any off-site land disturbing activities (e.g. borrow sites, waste areas, etc.) (9VAC25-875-240, Chapter 4, VSMH)
- Does the site balance in regard to the amount of cut and fill required?
- Is it on the same property as the project? If so, it needs to be included in the LOC. Show access.
- Show off-site stockpile
- Show location of erosion controls
- Off-site Soil Tracking Form

☐ **Detail drawings** – Any structural practices used that are referenced to the Stormwater Management Handbook or local handbooks should be explained and illustrated with detail drawings. (Chapter4, VSMH)
- Include details of structural practices and reference them to the VSMH.
- If any E&S structural practices are proposed that are not included in the VSMH, then a detail and a request for a variance must be submitted to the County (plan approval authority).

☐ **Provide Comment Response Letter** – Please provide a comment response letter identifying how each comment is addressed with the current plan submission. This will greatly assist in the review of all future plan submissions.

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FAUQUIER COUNTY
DEPARTMENT OF COMMUNITY DEVELOPMENT
Zoning & Development Services
16 Courthouse Square Warrenton, VA 20186
Phone: 540-422-8200 ◦ Fax: 540-422-8231 www.fauquiercounty.gov

SWM / BMP CHECKLIST

Please type or print legibly

Project Information

Submittal Date: _____ Parcel ID (PIN) # _____
Project Identifier: _____ Magisterial District: _____
Location: _____
Project Description: _____
_____

Contact Information

Current Property Owner
Name: _____
Address: _____
Phone: _____

Applicant
Name: _____
Address: _____
Phone: _____
Fax: _____

Representative
Contact Person: _____
Company Name: _____
Address: _____
Phone: _____
Fax: _____

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
	The seal and signature of the engineer or surveyor designing said plan. Name, address, and telephone number of the engineer or surveying firm that prepared the plan.		☐	☐	☐
	Date the plan was prepared		☐	☐	☐
	Sheet index of plans/pages		☐	☐	☐
	Current zoning and available parcel identification numbers (PINS)		☐	☐	☐
Fauquier County Code Sec. 11-77(a)(4)	A stormwater management/BMP narrative including the number and type of facilities, a description of the hydrologic analyses, a description of how the facility (or facilities) was sized, and any other pertinent information.		☐	☐	☐
	Vicinity map, with north arrow, at a scale of 1"=2000" showing the relationship of the proposed project to the adjoining properties. The map should show all adjoining roads, their names and numbers, town/county boundaries, subdivisions, and other landmarks within one-mile radius of the proposed project.		☐	☐	☐

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
Fauquier County Code Sec. 11-76(a)(2)(b) and 11-77(a)	Existing and proposed mapping (recommended scale of 1"=50' or greater unless prior approval is obtained from the VESMP Administrator) that includes: • Existing and proposed contours, 2-foot minimum contour interval • Perennial and intermittent streams • Mapping of County soils from the County Soils Map or the Type I Soil Survey • Locations of any soil borings • Boundaries of existing vegetation and proposed limits of clearing and grading. • Locations of wetlands, ponds and lakes • Well and drainfield setbacks • Location of existing and proposed roads, buildings and other structures • Location of existing and proposed utilities and easements • Location of existing and proposed stormwater runoff conveyance systems, including ditches, grass channels and swales, and storm drains		☐	☐	☐
Fauquier County Design Standards Manual (DSM) 201.1.1	The specified design storms for stormwater management facilities shall be defined as the 24-hour storm using site specific rainfall precipitation frequency data recommended by the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 unless using the Modified Rational Method, in which case the storm of critical duration should be used.		☐	☐	☐
DSM 201.2	A topographic map identifying all drainage areas. The 5-foot contour topographic maps available from the Fauquier County GIS Department are appropriate to delineate drainage areas that extend beyond the site development area.		☐	☐	☐
DSM 201.2	Time of concentration flow paths and calculations. The travel time path shall be reflective of the actual conditions both before and after the land disturbing activities.		☐	☐	☐
DSM 201.3.2	The length of overland flow shall be reflective of actual conditions and shall be no greater than 150 feet unless approval from the Program Administrator is obtained.		☐	☐	☐
DSM 201.3.2	Overland flow shall be calculated using TR-55 methodology or using the Seelye chart and the roughness coefficients (Manning's n-values) for sheet flow provided in DSM Table 201.1.		☐	☐	☐
DSM 201.3.3	The maximum allowable length for shallow concentrated flow shall be 1000 feet. The travel time for shallow concentrated flow shall be calculated using TR-55 methodology or the Kirpich nomograph.		☐	☐	☐
DSM 201.3.4	The travel time for channelized flow and pipe flow shall be calculated using TR-55 methodology or the Kirpich nomograph.		☐	☐	☐
DSM 201.4.1	The Natural Resources Conservation Service (NRCS) synthetic rainfall distribution and models, including but not limited to Technical Release 20 (TR-20), TR-55, and the USACE's HEC-1 and HEC-HMS software, as well as other NRCS applications are preferred and acceptable for all stormwater management analyses.		☐	☐	☐
	• The NRCS method must be used where drainage areas are equal to or greater than 200 acres, or where times of concentration are 20 minutes or longer.		☐	☐	☐
	• The Rational Method may be used for drainage areas that are less than 200 acres.		☐	☐	☐
	• The Modified Rational Method may be used to determine peak discharge rates for drainage areas less than 200 acres and when the time of concentration is less than 20 minutes.		☐	☐	☐

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
DSM 201.4.2.A	Weighted Runoff Coefficient calculations (C factor). The Runoff Coefficients shall be selected from the range of values for a given land use provided in DSM Exhibit 201.3. Deviations from these values must be approved by the Program Administrator.		☐	☐	☐
DSM 201.4.2.B	Rainfall Intensity (I) shall be determined using the formula $I=B/(t_c + D)^E$. Values for B, D and E can be obtained in the table in DSM 201.4.2.B.		☐	☐	☐
DSM 204.4.3.C	Pre-developed and post-developed hydrologic calculations. When calculating existing rates of runoff (pre-developed), assume that all cover types are in good hydrologic condition.		☐	☐	☐
DSM 202.2.A &	Projects not requiring Construction General Permit coverage under the VESMP Regulations shall meet the requirement of 9VAC25-875-560.19 for stream channel erosion prevention criteria and flood protection criteria.		☐	☐	☐
DSM 202.2.B	Projects obtaining Construction General Permit coverage under the Virginia Erosion & Stormwater Management Program (VESMP) Permit Regulations shall meet the requirements of 9VAC-875-600 for channel protection and flood protection criteria.		☐	☐	☐
DSM 205.2	Projects obtaining Construction General Permit coverage under the VESMP Regulations shall meet the requirements of Chapter 875, Part V, Article 3 of the Virginia Erosion and Stormwater Management Regulations for channel protection and flood protection criteria.		☐	☐	☐
DSM 205.3	To properly design stormwater detention facilities, a flow routing computer program shall be used with appropriate elevation-discharge-storage relationship for the design storm events.		☐	☐	☐
DSM 205.4	Plan must show the location of the Federal Emergency Management Agency (FEMA) designated Special Flood Hazard Area (SFHA). Stormwater detention facilities should not be constructed within a FEMA designated SFHA. If this is unavoidable, the facility shall comply with all applicable regulations under the National Flood Insurance Program, 44 CFR Part 59.		☐	☐	☐
DSM 205.4	A minimum separation of 50’ from the computed 100-year water-surface elevation of an extended detention pond and drainfields is required.		☐	☐	☐
DSM 205.4	Wet ponds shall maintain a minimum separation of 100’ from the computed 100-year water surface elevation and drainfields.		☐	☐	☐
DSM 205.4	In subdivisions, all stormwater management/BMP facilities must be placed in a common area, and not on private lots, unless prior approval has been obtained from the Program Administrator. Note: This does not preclude the use of Low Impact Development (LID) practices such as bioretention facilities, dry wells, etc. on individual lots.		☐	☐	☐
DSM 205.4	All Stormwater Management Ponds shall have their toe of embankment established a minimum of 10 feet from all property lines.		☐	☐	☐
DSM 205.4	A “No Plant Zone” area shall be established extending a minimum of 10 feet beyond the embankment toe and shall be included in a stormwater maintenance easement.		☐	☐	☐
DSM 205.4	Hydrophilic trees or shrubs, such as maple, sycamore or willow species, shall not be permitted within 25 feet of the embankment toe.		☐	☐	☐
DSM 205.4	Stormwater management and BMP facilities shall not be located in required buffer areas unless authorized by the Zoning Administrator.		☐	☐	☐
DSM 205.5	Impounding structures that are not covered under the Virginia Dam Safety regulations shall be designed to maintain structural integrity during the 100-year frequency storm event. An emergency spillway shall be provided. The emergency spillway may be separate or incorporated into the design of the principal spillway. Weirs or orifices used to control lesser frequency storms are to be considered 100% clogged for the design of the emergency spillway.		☐	☐	☐
DSM 205.5	Embankment side slopes shall be no steeper than 3:1 unless prior approval is obtained from the VSMP administrator.		☐	☐	☐

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
DSM 205.5	Embankments must provide at least one foot of freeboard from the maximum 100-year storm water-surface elevation to the lowest elevation on the top of the dam.		☐	☐	☐
DSM 205.5	A geotechnical study must be provided for all stormwater embankments greater than 6 feet in height as measured from the toe of the embankment.		☐	☐	☐
DSM 205.5	Dry stormwater management detention facilities shall be designed to be empty within 72 hours of the storm event.		☐	☐	☐
DSM 205.5	The minimum orifice size shall be 1" diameter.		☐	☐	☐
DSM 205.5	All riser structures shall be cast-in-place concrete unless a substitute material has been approved by the Program Administrator.		☐	☐	☐
DSM 205.5	Outflows from stormwater detention/retention facilities shall be discharged into an adequate channel as specified in Section 202.2.		☐	☐	☐
DSM 205.5	Stormwater basin embankments shall be vegetated in accordance with the standards in the Virginia Stormwater Management Handbook or the BMP Clearinghouse.		☐	☐	☐
DSM 205.5	Underground facilities shall not be permitted in single family detached subdivisions.		☐	☐	☐
DSM 205.5	If underground facilities are proposed, the following note shall appear on the plans: *"Construction inspections are required throughout construction by the design engineer or other qualified professional to ensure that stormwater management facilities are constructed in conformance with the approved design plan."*		☐	☐	☐
DSM 205.5	Trash racks are required at the low flow orifice controlling extended detention drawdown. Trash racks are required at the tops of all risers/drop inlet spillways. The trash rack shall be a removable unit.		☐	☐	☐
DSM 205.5	Emergency spillways and their outfall channels must safely convey the 100-year storm to a receiving channel (the receiving channel does not have to be adequate for the 100-year storm).		☐	☐	☐
DSM 205.6	Access to remote stormwater management/BMP facilities must be provided by an all-weather vehicular traversable route a minimum of 8 feet wide and contained in appropriate easements.		☐	☐	☐
DSM 205.6	Stormwater management access roads with grades of 0%-3.49% may be stabilized with grass; access roads with grades of 3.5%-6.99% shall be stabilized, at a minimum, with compacted gravel mix (21-A), and access roads with grades of 7%-12% shall be paved with asphalt.		☐	☐	☐
DSM 206.1	Permanent outlet protection shall be provided at culvert and stormdrain discharge points and shall be designed in accordance with VDOT methods.		☐	☐	☐
DSM 207.3	A geotechnical report with site specific infiltration rates is required for all stormwater infiltration practices. The report must demonstrate that the infiltration BMP will work as designed.		☐	☐	☐
DSM 207.3	All wet ponds shall have an aquatic safety bench at least 10 feet wide with slopes not to exceed 1:10 (V:H) or 1' water depth.		☐	☐	☐
DSM 207.3	No more than one penetration shall be allowed through a dam structure without prior approval of the Program Administrator.		☐	☐	☐
DSM 208.2	Stormwater management/BMP practices having an infiltration component are prohibited in stormwater management hot spot areas.		☐	☐	☐
DSM 208.2	Stormwater detention facilities shall be separated a minimum of four feet from the seasonal high groundwater table or use an impermeable liner if the facility will be receiving runoff from a stormwater management hotspot.		☐	☐	☐
DSM 209.1	A storm drainage easement shall be provided for the exit channel of all emergency spillways sufficient to convey the maximum emergency spillway flow to an existing downstream receiving channel.		☐	☐	☐
DSM 209.1	The maximum computed 100-year water-surface elevation must be contained within the Stormwater Management Easement.		☐	☐	☐

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
DSM 209.1	Storm drainage easements shall extend a minimum of 10 feet from culvert inlets and outlets and storm drain inlets to allow for maintenance access.		☐	☐	☐
DSM 209.3	All stormwater structures and BMPs shall be accessible. All access easements shall connect to a public road or right-of-way.		☐	☐	☐
DSM 210.2	A legally binding maintenance agreement specifying the parties responsible for the proper maintenance of all stormwater management facilities shall be secured prior to the issuance of any permits for land disturbance activities.		☐	☐	☐
DSM 210.2	The maintenance agreement shall include a project specific appendix that lists all stormwater management facilities present on the property; the minimum frequency of inspections and maintenance; and the routine maintenance that is to be performed for each stormwater management facility. The project specific appendix to the maintenance agreement is to be prepared by the applicant and submitted to the County with the Stormwater Management Plan for review.		☐	☐	☐
DSM 210.2	When landscaping is a component of the stormwater management facility, a project specific maintenance schedule for the landscaping shall be provided that is reflective of the plant species specified.		☐	☐	☐