



**LAND DISTURBING PERMIT APPLICATION
SUBMISSION REQUIREMENTS FOR
PROJECTS WITH MORE THAN 1 ACRE OF DISTURBANCE
(NOT PART OF A COMMON PLAN OF DEVELOPMENT)**

DIVISION OF ZONING & DEVELOPMENT SERVICES
Third Floor – Court and Office Building
29 Ashby Street, Suite 310 Warrenton, VA 20186

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

Submitted items:

- Land Disturbance/Zoning Permit Application with original signatures
 - Responsible Land Disturber Certification
 - VDOT entrance permit
 - Fees
 - o Land Disturbance Permit fee - \$200.00 + \$50.00 x (acres) = \$ _____
 - o Zoning Permit fee - = \$ 75.00
 - o Land Disturbing w/out permit fee (if applicable) \$250 = \$ _____
 - o VSMP fee – 50% is required to be paid upon application

Area of Disturbance	VSMP General SWM Fee	
<input type="checkbox"/> > 10,000 sq. ft. < 5 acres	\$3,956	= \$ _____
<input type="checkbox"/> > 5 acres < 10 acres	\$4,502	= \$ _____
<input type="checkbox"/> > 10 acres < 50 acres	\$5,460	= \$ _____
Total Amount Due:		= \$ _____
 - Four (4) copies of the Erosion & Sediment Control and Stormwater Plan
 - Permits for Wetland Impacts, or Pond/stream work
 - Minimum Standard 19 requirements – 3 cross-sections & calculations
 - Registration Statement for Construction General Permit
 - Stormwater Pollution Prevention Plan Booklet
- Flash drive containing individual PDFs of all submission materials

Prior to LDP issuance submission requirements:

- Confirmation of Construction General Coverage
- Bond and agreement has been submitted and posted
- Maintenance Agreement Recorded
- Final portion of the 50% fee

Owner/Applicant Signature

Date

Staff Signature

Date



**FEE CALCULATION SHEET
LAND DISTURBING & VIRGINIA STORMWATER MANAGEMENT PROGRAM FEES**

PROJECT NAME: _____

Land Disturbing Permit (LDP)

1. E&S Plan Review (where not part of a larger plan review)	\$200 + (\$50 X _____) no. of acres	=	\$_____
2. All Others (\$25,000 maximum)	\$200 + (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	\$75.00	=	\$75.00
Total Land Disturbing Permit Fee		=	\$_____

Virginia Stormwater Management Program Fees:

New VSMP General/Stormwater Management, including review of SWM Facilities not previously approved by the County.

(Fee based on the total area within common plans of development or sale. ***50% of the fee paid upon application and 50% upon issuance**)

VSMP Application Fee (50% of total fee):

1. VSMP 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			

VSMP Grandfathered Project Fee:

1. VSMP Application Fee based on area of disturbance		=	\$_____
Disturbance ≥ 10,000 sq. ft. and <5 acres = \$3,200			
Disturbance ≥ 5 and < 10 acres = \$3,550			
Disturbance ≥ 10 acres and < 50 acres = \$4,200			
Disturbance ≥ 50 acres and < 100 acres = \$5,622			
Disturbance ≥100 acres= \$8,500			

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

**Note: Bond must also be posted*

- 1. VSMP 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

Annual VSMP/LDP Maintenance Fees

- 1. VSMP 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

Total Annual VSMP/LDP Maintenance Fee = \$_____

As-Built Submission

- 1. No fee for 1st and 2nd Submissions
- 2. 3rd & Subsequent Submissions = \$300 = \$_____

Total As-Built Submission Fee = \$_____

Bond Reduction or Release Request

Each Request = \$500 = \$_____

Total Bond Reduction or Release Fee = \$_____



LAND DISTURBING PERMIT APPLICATION

Zoning Permit #: _____

Land Disturbing Permit #: _____

DIVISION OF ZONING & DEVELOPMENT SERVICES
Third Floor – Court and Office Building
29 Ashby Street, Suite 310 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 E&S and SWM Control Ordinance, adopted June 12, 2014, as amended, and Section 13-501 of the Fauquier County Zoning Ordinance.

Land Disturbing Permit	Supplemental Land Disturbing Plan	Stop Work Reinstatement
Zoning Permit	Annual LDP Maintenance Renewal Fee	Notice to Comply Fee
Annual State Maintenance Renewal Fee	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 Address: _____

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 Stormwater Management & Erosion and Sediment Control 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	Applicant's Signature
Date	Date

FOR OFFICIAL USE ONLY: ZONING

Zoning Permit # _____ LDP Plan Review Case # _____

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)
REGISTRATION STATEMENT 2019**

FOR OFFICE USE ONLY ID Number: _____ Technical Criteria: IIB <input type="checkbox"/> IIC <input type="checkbox"/>
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NEW ISSUANCE

RE-ISSUANCE

MODIFICATION WITH ACREAGE INCREASE

MODIFICATION WITHOUT ACREAGE INCREASE

Existing Permit Coverage Number (if applicable, VAR10####): _____

Section I. Operator/Permittee 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 VI. (per Part III. K. of the VAR10 Permit).

Construction Activity Operator Name: _____

Contact person: _____

Address: _____

City, State, Zip Code: _____

Phone Number: _____

Primary Email: _____

CC Email: _____

B. Billing Information (leave blank if same as the Operator identified in Section I. A. above). This entity will receive Annual Permit Maintenance and Permit Modification Fee invoices (if applicable).

Name: _____

Contact Person: _____

Address: _____

City, State Zip Code: _____

Phone Number: _____

Primary Email: _____

CC Email: _____

C. May we transmit correspondence electronically? You must choose **YES** and include a valid email in order to pay by credit card and to receive your permit coverage approval letter via email:

YES NO

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019

Section II. Construction Activity Location Information. Project site information.

A. Include a site map showing the location of the existing or proposed land-disturbing activities, the limits of land disturbance, construction entrances and all water bodies receiving stormwater discharges from the site.

B. Construction Activity Name: _____

Address: _____

City and/or County and Zip Code: _____

Latitude and Longitude
(6-digit, decimal degrees format): _____

C. Construction Activity Entrance Location
(description, street address and/or
latitude/longitude in decimal degrees): _____

Section III. Offsite Support Activity Location Information. List all offsite support activities to be included under this permit registration. Enter additional areas on a separate page. Offsite areas not included on this registration may need to obtain coverage under a separate VPDES permit.

A. Offsite Activity Name: _____

Address: _____

City and/or County and Zip Code: _____

Latitude and Longitude
(6-digit, decimal degrees format): _____

B. Offsite Activity Entrance Location
(description, street address and/or
latitude/longitude in decimal degrees): _____

Section IV. Site Information.

A. Acreage totals for all land-disturbing activities to be included under this permit coverage. Report to the nearest one-hundredth of an acre.	
Total land area of development (including the entire area to be disturbed as approved in the Stormwater Management Plan):	
Primary estimated area to be disturbed (portions with Erosion and Sediment Control Plan approval only):	
Offsite estimated area to be disturbed (if applicable):	

B. Estimated Project Dates (MM/DD/YYYY)	
Start date:	
Completion date:	

C. Property Owner Status: **FEDERAL** **STATE** **PUBLIC** **PRIVATE**

D. Nature of the Construction Activity Description (i.e. commercial, industrial, residential, agricultural, environmental): _____

E. Municipal Separate Storm Sewer System (MS4) name (if discharging to a MS4): _____

F. Is this construction activity part of a common plan of development or sale? YES NO

G. 6th Order Hydrologic Unit Code (HUC) and Receiving Water Name(s). Attach a separate list if needed.

HUC	RECEIVING WATERBODY(S)

Section V. 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 is certifying that the SWPPP has been prepared.

B. Has an Erosion and Sediment Control Plan been submitted to the VESCP Authority for review? YES NO
Erosion and Sediment Control Plan Approval Date (for estimated area to be disturbed).: _____

C. Has land disturbance has commenced? YES NO

D. If this project is using approved Annual Standards and Specifications (AS&S), attach the completed AS&S Entity Form. AS&S Entity Name (if different from the Operator identified in Section II. A.): _____

**SEE THE FOLLOWING PAGE FOR SIGNATURE
AND CERTIFICATION REQUIREMENTS AND INFORMATION**

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019

Section VI. Certification. A person representing the operator as identified in Section I. A. and meeting the requirements of 9VAC25-880-70. Part III. K must physically sign this certification. A typed signature is not acceptable. Please note that operator is defined in 9VAC25-870-10 as follows:

"Operator" means the owner or operator of any facility or activity subject to the Act 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 state permit or VSMP authority permit conditions (i.e., they are 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 Municipal Separate Storm Sewer Systems (MS4s), operator means the operator of the regulated MS4 system.

9VAC25-880-70. Part III. K. Signatory Requirements. *Registration Statement. 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 state 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: _____

Section VII. Submittal Instructions. Submit this form to the Virginia Stormwater Management Program (VSMP) Authority. If the locality is the VSMP Authority, please send your Registration Statement submittal directly to the locality; do NOT send this form to DEQ. A list of local VSMP Authorities is available here: [VSMP Authorities](#).

If DEQ is the VSMP 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 VSMP Authority, please send to:

The Local VSMP Authority (insert address below)

Zoning & Development Services, Fauquier County 29 Ashby St, 3 rd Floor Warrenton Virginia 20186
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CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019 INSTRUCTIONS
PLEASE DO NOT PRINT OR SUBMIT

This Registration Statement is for coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities. The following permit actions are covered by this form: new issuance, re-issuance, modification with an increase in acreage and plan modifications that do not result in an increase in acreage.

Choose **NEW ISSUANCE** if this Registration Statement submittal is to obtain a new permit coverage, **RE-ISSUANCE** to renew an active, expiring permit coverage or **MODIFICATION** to modify an active permit coverage. When modifying permit coverage, indicate if the modification is increasing the amount of acreage previously covered (**MODIFICATION WITH ACREAGE INCREASE**) or changing the site design with no increase in acreage (**MODIFICATION WITHOUT ACREAGE INCREASE**).

Existing Permit Coverage Number. Provide the permit number for a modification or reissuance (i.e. VAR10#####).

Section I. Operator/Permittee 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 named as the operator, that person (or a representative of) must sign the certification in Section VI. An operator can be one of the following:

9VAC25-870-10. Definitions.

"Operator" means the owner or operator of any facility or activity subject to the Act 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 state permit or VSMP authority permit conditions (i.e., they are 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 Municipal Separate Storm Sewer Systems (MS4s), operator means the operator of the regulated MS4 system.

"Owner" means the Commonwealth or any of its political subdivisions including, but not limited to, sanitation district commissions and authorities, and any public or private institution, corporation, association, firm or company organized or existing under the laws of this or any other state or country, or any officer or agency of the United States, or any person or group of persons acting individually or as a group that owns, operates, charters, rents, or otherwise exercises control over or is responsible for any actual or potential discharge of sewage, industrial wastes, or other wastes or pollutants to state waters, or any facility or operation that has the capability to alter the physical, chemical, or biological properties of state waters in contravention of § 62.1-44.5 of the Code of Virginia, the Act and this chapter.

"Person" means any individual, corporation, partnership, association, state, municipality, commission, or political subdivision of a state, governmental body, including a federal, state, or local entity as applicable, any interstate body or any other legal entity.

B. Billing information. If the person or entity responsible for billing/invoicing is different from the operator, please complete this section. If they are the same, leave this section blank.

C. 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 allow the operator to pay by credit card and receive permit coverage approval letters immediately upon approval.

Section II. Construction Activity Location Information. Location information related to the project site.

A. A site map indicating the location of the existing or proposed land-disturbing activities, the limits of land disturbance, construction entrances and all water bodies receiving stormwater discharges from the 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 Virginia Stormwater Management Program (VSMP) authority if you have additional questions regarding site map requirements.

B. Provide a descriptive project name (it is helpful to use the same naming convention as listed on the Stormwater plans), 911 street address (if available), city/county of the construction activity, 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. 37.1234N/-77.1234W).

C. Construction Activity Entrance Location. Provide an address or decimal degrees coordinates and a description of the main construction entrance where the permit coverage letter will be posted.

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019 INSTRUCTIONS
PLEASE DO NOT PRINT OR SUBMIT

Section III. Offsite 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) located on-site or off-site provided that (i) the support activity is directly related to a 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.

If requesting permit coverage for offsite activities, please complete this section. List additional offsite areas to be included under this permit coverage on a separate page. Offsite areas not included on this registration will need to obtain coverage under a separate VPDES permit.

A. Offsite activity location information. Provide a descriptive offsite project name, 911 street address (if available) and city/county of all off-site support activities. Provide the 6-digit latitude and longitude in decimal degrees (i.e. 37.1234N,-77.1234W). Please note that off-site activities not covered under this permit may require separate permit coverage.

B. Offsite activity entrance location. Provide an address or decimal degrees coordinates and a description of the main construction entrance.

Section IV. Site Information.

A. Acreage totals for all land-disturbing 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 primary development site as approved on the Stormwater Management Plans and the primary on-site estimated 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. Do not include the off-site acreage totals in the primary, on-site total and estimated disturbed acreage totals. 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).

B. Estimated Project Dates. Provide the estimated project start date and completion date in Month/Day/Year or MM/DD/YYYY format (i.e. 07/30/2019).

C. Property 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**.

D. 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. Residential, Commercial, Industrial, Agricultural, Environmental, Educational, Oil and Gas, Utility, Transportation, Institutional, etc.). Describe the project (i.e. Commercial – one new office building and associated parking and utilities; Transportation – Roads, sidewalks and utilities; Agricultural – 3 Poultry Houses, etc.).

E. Municipal Separate Storm Sewer System (MS4) name(s) if discharging to a MS4. If stormwater is discharged through a 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.

F. This construction activity is part of a common plan of development or sale. "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 per 9VAC25-870-10. Definitions. I.e. a subdivision, commercial development, business park, etc.

G. 6th Order Hydrologic Unit Code (HUC) and associated Receiving Water Name(s). Provide all 6th order HUCs and receiving waters for the site and offsite areas 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, VEGIS, to obtain this information.

- VEGIS application link: [DEQ's VEGIS Mapping Application](#)
- Instructions for utilizing DEQ's VEGIS application link: [CGP-GIS_HUC Instructions](#)

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019 INSTRUCTIONS
PLEASE DO NOT PRINT OR SUBMIT

Section V. 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 IV. A. has been submitted to the Virginia Erosion and Sediment Control Program (VESC) Authority for review and plan approval, choose **YES**. If you are submitting this application to reissue an existing permit coverage, please provide the date that the VESC Authority approved the Erosion and Sediment Control Plan for the estimated area to be disturbed.

C. 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 per §62.1-44.15:24. Definitions.

D. If this project is using approved Annual Standards and Specifications (AS&S), attach the completed AS&S Entity Form. If the AS&S Entity is different from the operator identified in Section I. A., list the AS&S Entity Name. The AS&S entity is the entity or agency that holds the approved annual standards & specification.

- AS&S Entity Form link: [Annual Standards and Specifications Entity Information Form](#)

Section VI. 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 procedures.*

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

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 VII. Submittal Instructions.

Submit this form to the VSMP Authority that has jurisdiction for your construction activity. The VSMP Authority may be either DEQ **or** your locality depending on the location and type of project. If your project is under the jurisdiction of a Local VSMP Authority, please contact the locality for additional submittal instructions. A blank area is provided for the Local VSMP Authority to include their mailing address.

Who is the VSMP 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 VSMP Authority;
 - owned by the State or Federal government; or
 - utilizing approved Annual Standards and Specifications.
- **The Locality:** The local government (locality) is the VSMP 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 VSMP Authority. A list of Local VSMP Authorities is available on DEQ's website here: [Local VSMP Authority List](#).

DEQ'S CONSTRUCTION GENERAL PERMIT WEBSITE

<http://www.deq.virginia.gov/Programs/Water/StormwaterManagement/VSMPPermits/ConstructionGeneralPermit.aspx>

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 6, VESCH).

- 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 6, VESCH).

- 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 6, VESCH).

- 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.) (4VAC50-30-80, Chapter 8, VESCH).

- Does the site balance in regards to amount of cut and fill?
- Will offsite areas be used as a borrow area or stockpile?
- Include a note that the borrow area & 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 & stockpile location is not permitted.
- Offsite Soil Tracking Form

____ **Soils**- A brief description of the soils on the site giving such information as (Chapter 6, VESCH):

- Soil name
- Mapping unit
- Erodibility
- Permeability
- Depth
- Texture
- Soil structure
- Type 1 Soil Map provided
- Specify micaeous 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 6, VESCH).

- 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 3, VESCH)

Controls used should be specific to the project

List E&S controls to be used- Reference to VESCH

Provide detail for each control -Reference to VESCH

Include the statement that "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 thru 15, Std. 3.24)

- 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 6 of the VESCH)

Discuss E&S Phase 1 and Phase 2

Perimeter sediment trapping measures to be installed as a first step.

Include the phasing of removal for each sediment basin & sediment trap, until all upslope areas are stabilized. Take in consideration of utility installation, roadways, building locations, etc.

Discuss conversion of sediment basins to its permanent storm water facility for both wet and dry ponds.

○ **Procedure for Converting Dry Ponds: (MS-3)**

- Consult with the erosion and sediment control inspector prior to beginning the conversion from sediment basin to dry pond to ensure that 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 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 matting 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: (MS-3)**

- Consult with the erosion and sediment control inspector prior to beginning the conversion from sediment basin to wet pond to ensure that 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 thru 3 & 5, and Chapter 3, VESCH).

Specify type of seeding, matting, sod or other types of stabilization that may be used

Include table 3.31-B (temporary seeding guidelines)

Include table 3.32-D (permanent seeding guidelines)

Include table 3.35-A (mulching guidelines)

_____ **Storm water 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 that 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 (4VAC50-30-40, MS-19 and Chapter 6, VESCH).

The following information must be submitted when a Temporary Sediment Basin (Std. 3.14, MS-6) is proposed for a project:

- _____ • 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 & sediment traps

The following information must be submitted with a Temporary Sediment Trap (Std. 3.13, MS-6) is proposed for a project.

- _____ • Embankments heights (H), Outlet Height (Ho), and Minimum Top Widths (W), Weir Length
- _____ • One detail for multiple traps is sufficient
- _____ • Provide dimensions for wet & dry storage
- _____ • Provide wet & 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 & sediment traps

The following information must be submitted with a Temporary Stream Crossing (Std. 3.24, MS-12 thru 15)

- _____ • 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 of 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 ft

_____ **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. (4VAC50-30-60)

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 DCR. A follow-up inspection may take place by DCR. (Virginia Erosion & Sediment Control Law, Sec. 10.1-566(A))

SITE PLAN Section:

Vicinity map – A small map locating the site in relation to the surrounding area. Include any land marks which might assist in locating the site. (Chapter 6, VESCH)
Directions

_____ **Indicate north** - The direction of north in relation to the site. (Chapter 6, VESCH)
This is to be shown on each plan sheet, including vicinity map

_____ The E&S plan should be at a scale of at least 1"=50'. (Chapter 6, VESCH)

_____ **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 6, VESCH)

- 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 I E&S controls-give spot elevation to show drainage
- Offsite 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 6, VESCH)
Does this reflect the actual current condition of the site?
Show sufficient elevations

- _____ **Final contours** - Changes to the existing contours, including final drainage patterns. (Chapter 6, VESCH)

- _____ **Existing vegetation** - The existing tree lines, grassed areas, or unique vegetation. (Chapter 6, VESCH)
Does this reflect the actual current condition of the site?

- _____ **Soils** - The boundaries of different soil types. (Chapter 6, VESCH)
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 6, VESCH)
Show drainage areas & acreage for pre-development on phase 1
Show drainage areas & acreage for post-development on phase 2

- _____ **Critical erosion areas** – Areas with potentially serious erosion problems. (See Chapter 6 for criteria)
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 6, VESCH)
 - * *On smaller subdivisions where lots are to be sold to individuals prior to home construction and individual contractors are obtained by the homeowners, 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/at 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 & sediment traps need to stay in place until upslope areas are stabilized, take in consideration of utility installation, lots, and buildings
 Roads & Lots need to be shown on phase 1 & 2
 Actual lot numbers & 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 & 2 E&S plan
 Sanitary sewer, water line and storm sewer must be shown on the Phase 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 3 of the Virginia Erosion and Sediment Control 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.) (4VAC50-30-80, Chapter 8, VESCH).

Does the site balance in regards 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 offsite stockpile

Show location of erosion controls.

Offsite Soil Tracking Form

_____ **Detail drawings** – Any structural practices used that are referenced to the E&S handbook or local handbooks should be explained and illustrated with detail drawings. (Chapter 3, VESCH)

Include details of structural practices and reference them to the VESCH.

If any E&S structural practices are proposed that are not included in the VESCH, 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.



FAUQUIER COUNTY
DEPARTMENT OF COMMUNITY DEVELOPMENT
 Zoning & Development Services
 29 Ashby Street, Suite 310 Warrenton, VA 20186
 Phone: 540-422-8200 • Fax: 540-422-8201 www.fauquiercounty.gov

SWM / BMP CHECKLIST	
<i>Please type or print legibly</i>	
Project Information	
Submittal Date: _____	Parcel ID (PIN) # _____
Project Identifier: _____	Magisterial District: _____
Location: _____	
Project Description: _____	
Contact Information	
<u>Current Property Owner</u>	<u>Applicant</u>
Name: _____	Name: _____
Address: _____	Address: _____
Phone: _____	Phone: _____
	Fax: _____
<u>Representative</u>	
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(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.				

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
	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.				
Fauquier County Code Sec. 11-77(9)	Existing and proposed mapping (recommended scale of 1"=50' or greater unless prior approval is obtained from the VSMP Administrator) that includes: <ul style="list-style-type: none"> 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.				
	<ul style="list-style-type: none"> 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. 				

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
	<ul style="list-style-type: none"> The Rational Method may be used for drainage areas that are less than 200 acres. 				
	<ul style="list-style-type: none"> 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. 				
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 & 205.2.A	Projects obtaining VSMP coverage under Part IIA and Part IIC of the Virginia Stormwater Management Program (VSMP) Permit Regulations; and projects not requiring coverage under VSMP Permit Regulations but do require coverage under the Virginia Erosion and Sediment Control Regulations shall meet the requirements of VSMP Part IIC and the Virginia Erosion and Sediment Control Regulations for stream channel erosion prevention criteria and flood protection criteria.				
DSM 202.2.B & 205.2.B	Projects obtaining VSMP coverage under Part IIA and Part IIB of the VSMP Permit Regulations shall meet the requirements of VSMP Part IIB 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.				

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
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.				
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: <i>"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."</i>				
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.				

CODE SECTION	DESCRIPTION	SHEET	OK	NO	N/A
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.				
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.				