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 🗆 IIC 🗆 | | | | | | |
| <u>-</u> | | | | | | |

| | N | IEW ISSUANCE \square | RE-ISSUANCE \square |
|-----|---------------------------------------|--|---|
| | MODIFICATION WITH ACRE | AGE INCREASE \square | MODIFICATION <u>WITHOUT</u> ACREAGE INCREASE \square |
| Exi | isting Permit Coverage Numb | er (if applicable, VAR10####): | |
| Sec | ction I. Operator/Permittee | Information. | |
| Α. | operational control over co | nstruction activities to ensure co | entity that is applying for permit coverage and will have impliance with the general permit. A person with ion in Section VI. (per Part III. K. of the VAR10 Permit). |
| | onstruction Activity perator Name: | | |
| Со | ontact person: | | |
| Ad | ddress: | | |
| Cit | ty, State, Zip Code: | | |
| Ph | none Number: | | |
| Pri | imary Email: | | |
| СС | Email: | | |
| В. | | ank if same as the Operator ider e and Permit Modification Fee in | ntified in Section I. A. above). This entity will receive voices (if applicable). |
| Na | ame: | | |
| Со | ontact Person: | | |
| Ad | ddress: | | |
| Cit | ty, State Zip Code: | | |
| Ph | none Number: | | |
| Pri | imary Email: | | |
| СС | Email: | | |
| C. | | our permit coverage approval le | |
| | | YES □ | NO 🗆 |

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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. 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 **B.** Estimated Project Dates (MM/DD/YYYY) 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 Start date: Management Plan): Primary estimated area to be disturbed (portions with Erosion and Sediment Control Plan approval only): Completion date: Offsite estimated area to be disturbed (if applicable): 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)

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name (if discharging to a MS4):

| F. | Is this construction activity p | part of a common plan of development or sale? YES \square NO \square | | | | |
|-----|--|---|--|--|--|--|
| G. | 6 th Order Hydrologic Unit Co | ode (HUC) and Receiving Water Name(s). Attach a separate list if needed. | | | | |
| | HUC | RECEIVING WATERBODY(S) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Sec | ction V. Other Information. | | | | | |
| A. | General VPDES Permit for D | vention plan (SWPPP) must be prepared in accordance with the requirements of the ischarges of Stormwater from Construction Activities <u>prior to</u> submitting the Registratior egistration Statement, the operator is certifying that the SWPPP has been prepared. | | | | |
| В. | | at Control Plan been submitted to the VESCP Authority for review? YES \square NO \square ol Plan Approval Date (for estimated area to be disturbed).: | | | | |
| c. | Has land disturbance has co | mmenced? 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.): | | | | | |

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2019

SEE THE FOLLOWING PAGE FOR SIGNATURE AND CERTIFICATION REQUIREMENTS AND INFORMATION

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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."

Drinted Name

| rginia Stormwater Management Program (VSMP) our Registration Statement submittal directly to the othorities is available here: <u>VSMP Authorities</u> . |
|--|
| If the locality is the VSMP Authority, please send to: |
| The Local VSMP Authority (insert address below) |
| |
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|) |

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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 previous covered (**MODIFICATION** <u>WITH</u> **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.

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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 webbased GIS application, VEGIS, to obtain this information.
 - VEGIS application link: <u>DEQ's VEGIS Mapping Application</u>
 - Instructions for utilizing DEQ's VEGIS application link: <u>CGP-GIS HUC Instructions</u>

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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 (VESCP) 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: <u>Annual Standards and Specifications Entity Information Form</u>

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 <u>or</u> 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.
- <u>The Locality</u>: 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: <u>Local VSMP Authority List</u>.

DEQ'S CONSTRUCTION GENERAL PERMIT WEBSITE

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

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VSMP Application Requirements

| Land Disturbance, greater than 2,500sq.ft to less than 1AC: | |
|---|-----------|
| Single Family Development City of Fairfax VSMP Permit Application Plans VSMP Checklist BMP Agreement (if applicable) \$290 fee check All Other Non-SFD LDAs (Commercial, Common Plan of Development City of Fairfax VSMP Permit Application Plans Site Plan Checklist BMP Agreement (if applicable) SWPPP \$290 fee check | nt, Etc.) |
| Chesapeake Bay Preservation Act Land-Disturbing Activity. Land Disturbance = 2500sq.ft to less than 1 acre | \$290 |
| Areas within common plans of development or sale (except for single family detached homes) Land Disturbance = 2500sq.ft to less than 1 acre | \$290 |
| | |
| Land Disturbance, 1AC or more: | |
| All LDAs, 1AC or More DEQ VAR10 Registration Statement DEQ VAR10 Notice of Termination | |

| SWPPP Fee per schedule below | |
|--|----------|
| Small Single Family Detached Home Construction | \$209 |
| Land Disturbance = 1 acre to less than 5 acres | V |
| Land Disturbance = 1 acre to less than 5 acres | \$2,700 |
| Land Disturbance = 5 acres to less than 10 acres | \$3,400 |
| Land Disturbance = 10 acres to less than 50 acres | \$4,500 |
| Land Disturbance = 50 acres to less than 100 acres | \$6,100 |
| Land Disturbance = greater than 100 acres | \$9,600 |

NOTE: All VSMP application fees are to be submitted on a separate check.

Site Plan Checklist BMP Agreement (if applicable)

Revenue Account: 340-313350

STORMWATER MANAGEMENT PLAN PAGE(S):

| YES | NO | N/A | DESCRIPTION | PAGE # |
|-----|----|-----|--|--------|
| | | | Narrative: | |
| | | | Contact information including the name, address and telephone number of the owner and the tax reference number and parcel number of the property or properties affected | |
| | | | Description of current site conditions and final site conditions | |
| | | | Information on type and location of stormwater discharges | |
| | | | Information on the features to which stormwater is being discharged, including water bodies classified as impaired on the Virginia DEQ 303(d) list | |
| | | | Information on any additional control measures to be implemented to address a local TMDL | |
| | | | A general description of the proposed stormwater management facilities and the mechanism through which the facilities will be operated and maintained after construction is complete | |
| | | | Site Information: | |
| | | | Existing drainage facilities and creeks and channels, including all streams, ponds, culverts, ditches, wetlands, other water bodies and floodplains | |
| | | | Soil types, geologic formations if karst features are present in the area, forest cover and other vegetative areas | |
| | | | Current land use including existing structures, roads and locations of known utilities and easements | |
| | | | Sufficient information on adjoining parcels to assess the impacts of stormwater from the site on these parcels | |
| | | | The limits of clearing and grading and the proposed drainage patterns on the site | |
| | | | Proposed buildings, roads, parking areas, utilities and stormwater management facilities | |
| | | | Proposed land use with tabulation of the percentage of surface area to be adapted to various uses, including but not limited to, planned locations of utilities, roads and easements | |

| | | Hydrologic Analysis: | |
|---|---|--|--|
| | | *Pre-development and post-development contributing drainage areas | |
| | | Pre-development and post-development runoff rates, volumes and velocities, and methodologies used | |
| | | Pollution load and reduction requirements and calculations | |
| • | • | Hydraulic Analysis: | |
| | | Sizing calculations for stormwater control measures | |
| | | Existing and proposed structural elevations (pipe inverts, manholes, etc.) | |
| | | Stage-storage or outlet rating curves and inflow and outflow hydrographs for storage facilities | |
| | | Design water surface elevations | |
| | | Analysis of potential downstream impacts/effects of the project | |
| | | Location and elevation of the lowest floor in all proposed and existing buildings adjacent to the floodplain | |
| | | Dam safety and breach analysis | |
| | | Best Management Practices (BMPs): | |
| | | Type of facilities proposed (use BMP Clearinghouse names) | |
| | | Location, including geographic coordinates (Lat/Long) | |
| | | Total acres treated | |
| | | Acres impervious treated | |
| | | Acres pervious treated | |
| | | Documentation and calculations verifying compliance with water quality and quantity requirements | |
| | | Applicable supporting documents and studies (e.g. infiltration tests, geotechnical investigations) | |
| | | Landscaping plan for any BMPs or site reforestation | |

^{*}Denotes items that are required in digital format "dxf" for purpose of updating the City's GIS data.

Piped Systems:

| YES | NO | N/A | DESCRIPTION | PAGE # |
|-----|----|-----|---|--------|
| | | | Analyzed and designed for 2/10-yr/25-yr/100-yr Storm Primary road crossings designed for 25-yr flows and 10-yr under secondary roads and other locations | |
| | | | Culverts checked for the effects of 100-yr Storm No flooding of building Structures shall result from 100-yr design | |
| | | | Energy dissipater calculations | |
| | | | Capacity of receiving channel downstream of channel or pipe system | |
| | | | Gutter spread limited to 10ft from the face of the curb | |
| | | | Hydraulic grade lines show 1ft below inlets | |

Open Channel Systems:

| YES | NO | N/A | DESCRIPTION | PAGE # |
|-----|----|-----|--|--------|
| | | | Proposed channel capacity analyzed and designed for pre 10-yr Storm | |
| | | | Channel designed for a 2-yr Storm without erosion and 10-yr for bank fill (liner design) | |
| | | | Velocity Check (liners provided, if needed) Provide channel velocities | |
| | | | Overlot grading plan | |
| | | | Provide 100-yr overland relief assuming pipe system failure | |

CHESAPEAKE BAY REGULATIONS PLAN PAGE(S):

| YES | NO | N/A | DESCRIPTION | PAGE # |
|--------|--------|--------|---|--------|
| | | | For any property depicted on the City's Chesapeake Bay preservation area map as a resource protection area (RPA), the applicant shall determine and show on the plan the site-specific boundaries of the RPA components per code section http://www.fairfaxva.gov/cdp/docs/RPASiteSpecificStudyApplication.pdf | |
| | | | USACE jurisdictional determination or verification letter for RPA boundaries | |
| | | | Water quality impact assessment (WQIA) is required for any proposed development or redevelopment unless the requirement is waived by the Zoning Administrator Application/waiver form is available at the Zoning Division or at: http://www.fairfaxva.gov/cdp/docs/WQIAApplication.pdf | |
| | | | Tree management plan per code section 110-86(d) | |
| | | | Stormwater management plan | |
| | | | BMP maintenance plan, including inspection schedule | |
| | | | BMP maintenance agreement (available at the Zoning Division) | |
| | | | Copies of any required wetland permits | |
| Perfor | rmance | Standa | ards of Chesapeake Bay Regulations: | |
| YES | NO | N/A | DESCRIPTION | PAGE # |
| | | | Maximize rainwater infiltration | |
| | | | Reduce the land application of nutrients and toxics | |
| | | | Minimize erosion and sedimentation potential | |
| | | | Limit land disturbance and preserve indigenous vegetation to the maximum extent practicable, consistent with the use or development proposed | |

Stormwater Pollution Prevention Plan (SWPPP) Contents:

| YES | NO | N/A | DESCRIPTION | PAGE # |
|-----|----|-----|--|--------|
| | | | SWPPP package complete | |
| | | | An erosion and sediment control plan consistent with the requirements of the Virginia Erosion and Sediment Control Law and regulations must be designed and implemented during construction activities. Prior to land disturbance, this plan must be approved by either the VESCP authority or the department in accordance with the Virginia Erosion and Sediment Control Law and attendant regulations. | |
| | | | A stormwater management plan consistent with the requirements of the Virginia Stormwater Management Act and regulations must be designed and implemented during construction activities. Prior to land disturbance, this plan must be approved by the City of Fairfax. | |
| | | | A pollution prevention plan that identifies potential sources of pollutants that may reasonably be expected to affect the quality of stormwater discharges from the construction site and describe control measures that will be used to minimize pollutants in stormwater discharges from the construction site must be developed before land disturbance commences. | |
| | | | If a specific wasteload allocation (WLA) for a pollutant has been established in an approved TMDL and is assigned to stormwater discharges from a construction activity, additional control measures must be identified and implemented by the operator so that discharges are consistent with the assumptions and requirements of the WLA. | |

NOTE: The SWPPP shall be amended whenever there is a change in design, construction, operation or maintenance that has a significant effect on the discharge of pollutants to state waters and that has not been previously addressed in the SWPPP. The SWPPP must be maintained at a central location onsite. If an onsite location is unavailable, notice of the SWPPP's location must be posted near the main entrance at the construction site.

Pollution Prevention Plan (PPP) Contents:

| YES | NO | N/A | DESCRIPTION | PAGE # |
|-----|----|-----|---|--------|
| | | | A pollution prevention plan, as required by <u>9VAC25-870-56</u> , shall be developed, implemented and updated as necessary and must detail the design, installation, implementation and maintenance of effective pollution prevention measures to minimize the discharge of pollutants. | |
| | | | Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water and other wash waters Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge. | |
| | | | Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater | |
| | | | The pollution prevention plan shall include effective best management practices to prohibit the following discharges: (a) Wastewater from washout of concrete, unless managed by an appropriate control (b) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials (c) Fuels, oils or other pollutants used in vehicle and equipment operation and maintenance (d) Soaps or solvents used in vehicle and equipment washing | |

NOTE: Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited unless managed by appropriate controls.

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY GENERAL VPDES PERMIT FOR DISCHARGES OF STORMWATER FROM CONSTRUCTION ACTIVITIES (VAR10) NOTICE OF TERMINATION 2019

| Permit Coverage Number (VAR10####): |
|--|
| Section I. Operator/Permittee Information. The person or entity that has active permit coverage approval and 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 VII (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: |
| Section II. Construction Activity Location Information. Project site information. |
| Construction Activity Name: |
| Address: |
| City and/or County and Zip Code: |
| Latitude and Longitude (6-digit, decimal degrees format): |
| Section III. Reason for Terminating Coverage under the General Permit. The operator shall submit a Notice of Termination within 30 days after meeting one or more of the following conditions (select one or more): |
| □ A. Necessary permanent control measures included in the SWPPP for the site are in place and functioning effectively and final stabilization has been achieved on all portions of the site for which the operator is responsible. When applicable, long-term responsibility and maintenance requirements for permanent control measures shall be recorded in the local land records prior to the submission of a Notice of Termination; |
| □ B. Another operator has assumed control over all areas of the site that have not been finally stabilized and obtained coverage fo the ongoing discharge; |
| □ C. Coverage under an alternative VPDES or state permit has been obtained; or |
| □ D. For residential construction only, temporary soil stabilization has been completed, the operator has provided written notification to the homeowner about the importance of final stabilization and incorporating a copy of the notification and signed certification statement into the SWPPP, and the residence has been transferred to the homeowner. |

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CONSTRUCTION GENERAL PERMIT (VAR10) NOTICE OF TERMINATION 2019

Section IV. Participation in a Regional Stormwater Management Plan. If your site discharges to a regional stormwater management facility, provide information related to the regional stormwater management plan. Attach a separate list if discharging to multiple regional facilities.

| Regional Stormwater | _ | | |
|---|--|---|------------------------|
| | Facility Type: | | |
| | | | |
| | Address: | | |
| | | | |
| City and/or County | and Zip Code: | | |
| | | | |
| Latitude | and Longitude | | |
| (6-digit, decimal de | grees format): | | |
| Total Acres Treated by Re | egional Facility | | |
| (report to one-hundred | th of an acre): | | |
| Impervious Acres Treated by Re | egional Facility | | |
| (report to one-hundred | th of an acre): | | |
| | cordance with § 62.1-44.15:35 of | rient credits, provide information the Code of Virginia. Attach a sep | |
| | (Bank Name): | | |
| Perpetual Nutrient Cr | | | |
| (pound | ls/acres/year): | | |
| management technical criteria (solution of the permanent control of the Notice of Termination submittal A. Engineer's Certification St B. As-built plans (construction) | structural and nonstructural, on- neasures, the following items are : catement on record drawings) – digital | ed as part of this activity to comply site and off-site). Attach a separate required to be included with this | e list if needed. |
| ☐ C. As-built plans (construction | on record drawings) – full-sized, p | paper | |
| ☐ D. Stormwater Managemen | t Plans – digital | | |
| ☐ E. BMP Maintenance Agreer | ment – notarized original, for pub | olic and private projects under DEC | Q's VSMP Authority |
| | | olease choose from the following | |
| Bioretention 1 | Extended detention-enhanced | Other IIC (manufactured | Soil Amendments |
| Bioretention 2 | Filtering Practice 1 | treatment device, etc.) | Urban Bioretention |
| Bioretention basin | Filtering Practice 2 | Permeable Pavement 1 | Vegetated filter strip |
| Bioretention filter | Grass Channel | Permeable Pavement 2 | Vegetated Roof 1 |
| Constructed Wetland 1 | Grassed swale | Rainwater Harvesting | Vegetated Roof 2 |
| Constructed Wetland 2 | Infiltration (1 x WQ Vol) | Retention basin I (3 x WQ Vol) | Wet Pond 1 |
| Constructed wetlands | Infiltration (2 x WQ Vol) | Retention basin II (4 x WQ Vol) | Wet Pond 2 |
| Dry Swale 1 | Infiltration 1 | Retention basin III (4 x WQ Vol | Wet Swale 1 |
| Dry Swale 2 | Infiltration 2 | with aquatic bench) | Wet Swale 2 |
| Extended detention (2 x WQ Vol) | Other IIB (manufactured | Sand filter | |
| Extended Detention Pond 1 Extended Detention Pond 2 | treatment device, etc.) | Sheetflow to Vegetated Filter or Conserved Open Space 2 | |

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CONSTRUCTION GENERAL PERMIT (VAR10) NOTICE OF TERMINATION 2019

| Stormwater Management Facility #1 BMP Type: | |
|---|--|
| Date BMP Became Functional: | |
| Address (if available): | |
| | |
| City and/or County and Zip Code: Latitude and Longitude | |
| (6-digit, decimal degrees format): | |
| Receiving Water(s) (outfall discharge): | |
| Total Acres Treated | |
| (report to one-hundredth of an acre): Impervious Acres Treated | |
| (report to one-hundredth of an acre): | |
| | |
| Stormwater Management Facility #2 BMP Type: | |
| Date BMP Became Functional: | |
| Address (if available): | |
| City and/or County and Zip Code: | |
| Latitude and Longitude (6-digit, decimal degrees format): | |
| Receiving Water(s) (outfall discharge): | |
| Total Acres Treated (report to one-hundredth of an acre): | |
| Impervious Acres Treated (report to one-hundredth of an acre): | |
| (report to one-hundredth of all acre). | |
| Stormwater Management Facility #3 | |
| ВМР Туре: | |
| Date BMP Became Functional: | |
| Address (if available): | |
| (| |
| City and/or County and Zip Code: | |
| Latitude and Longitude (6-digit, decimal degrees format): | |
| Receiving Water(s) | |
| (outfall discharge): Total Acres Treated | |
| (report to one-hundredth of an acre): | |
| Impervious Acres Treated | |

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CONSTRUCTION GENERAL PERMIT (VAR10) NOTICE OF TERMINATION 2019

Section VII. Certification. This Certification must be signed by a person representing the operator identified in Section I. and meeting the requirements of 9VAC25-880-70 Part III K.

Certification: "I certify under penalty of law that I have read and understand this Notice of Termination 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 VIII. Submittal Instructions. Please submit this form to the Virginia Stormwater Management Program (VSMP) Authority that has jurisdiction for your construction activity. If the locality is the VSMP Authority, please submit your form 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 Authorit | .y., please send to: | If the locality 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 | | The Local VSMP Authority (insert address below) | | | | | |

Permit terminations may be delayed if there are outstanding annual permit maintenance fee balances due.

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CONSTRUCTION GENERAL PERMIT (VAR10) NOTICE OF TERMINATION 2019 INSTRUCTIONS PLEASE DO NOT PRINT OR SUBMIT

A complete and accurate Notice of Termination is required for terminating coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities. Termination shall become effective upon notification from the department that the provisions of termination have been met or 60 days after submittal of a complete and accurate Notice of Termination, whichever occurs first.

Authorization to discharge terminates at midnight on the date that the Notice of Termination is submitted unless otherwise notified by the VSMP authority or the department.

Permit Coverage Number. Include your existing, active permit coverage number. Example: VAR10####.

Section I. Operator/Permittee Information. The construction activity operator (permittee). The permittee with active permit coverage and that has operational control over the 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 VII.

Section II. Construction Activity Location Information. Project site information. Complete this section with the same information as listed on the current registration statement. A list of active permits and corresponding location information is available on our website.

Section III. Reason for Terminating Coverage under the General Permit. The operator shall submit the Notice of Termination no later than 30 days after one or more of the termination conditions being met. Authorization to discharge terminates at midnight on the date that the Notice of Termination is submitted to the VSMP Authority, unless otherwise notified by the VSMP authority or the Department. Termination of authorizations to discharge for the conditions shall be effective upon notification from the Department that the provisions of termination have been met or 60 days after submittal of the Notice of Terminations, whichever occurs first.

The operator of the construction activity shall submit a Notice of Termination within 30 days after meeting one or more of the following conditions (you may select one or more of these conditions):

- [A] Necessary permanent control measures included in the SWPPP for the site are in place and functioning effectively and final stabilization has been achieved on all portions of the site for which the operator is responsible has operational control. When applicable, long-term responsibility and maintenance requirements for permanent control measures shall be recorded in the local land records prior to the submission of a complete and accurate Notice of Termination;
- **[B]** Another operator has assumed control over all areas of the site that have not been finally stabilized and obtained coverage for the ongoing discharge;
- [C] Coverage under an alternative VPDES or state permit has been obtained; or
- **[D]** For individual lots in residential construction only, temporary soil final stabilization as defined in 9VAC25-880-1, has been completed and the residence has been transferred to the homeowner.

Section IV. Participation in a Regional Stormwater Management Plan. Where applicable, include information for each regional stormwater management facility to which this site contributes. If your site is contributing to more than one regional facility, please include the information for each facility in a separate list.

The following information shall be included for each regional stormwater management facility installed:

- the type stormwater management facility (see the list of facility types on page 2 of the Notice of Termination);
- the physical location of the facility, including city or county, and latitude and longitude in decimal degrees;
- the receiving water to which the regional facility is discharging; and
- the number of total and impervious acres treated by the regional stormwater management plan to the nearest one-hundredth of an acre. The total of the impervious acreage may equal but not exceed the total acreage.

Section V. Perpetual Nutrient Credits. If your site is utilizing nutrient credits, provide information related to all perpetual nutrient credits acquired in accordance with § 62.1-44.15:35 of the Code of Virginia. Attach a separate list if needed. Attach the affidavit(s) of sale for the purchase of all nutrient credits acquired for this activity.

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CONSTRUCTION GENERAL PERMIT (VAR10) NOTICE OF TERMINATION 2019 INSTRUCTIONS PLEASE DO NOT PRINT OR SUBMIT

Section VI. Permanent Control Measures. If applicable, list all post-development stormwater management facilities or best management practices (BMPs) that were constructed and installed as part of this activity to comply with the stormwater management technical criteria (structural and nonstructural, on-site and off-site). Choose the type from the list provided in the Notice of Termination form Section VI. If you have multiple BMPs, attach a separate list if needed.

The following information shall be included for each permanent control measure installed:

- the type of permanent control measure receiving the discharge (choose from list provided);
- the date that it became functional as a permanent control measure (MM/DD/YYYY);
- the location of the BMP, including city or county, and latitude and longitude in decimal degrees;
- the receiving water(s) to which the permanent control measure discharges; and
- the number of total and impervious acres treated by the permanent control measures to the nearest one-hundredth of an acre.

 The total of the impervious acreage may equal but not exceed the total acreage.

The following items are required to be submitted with the Notice of Termination if you have permanent control measures:

- <u>Engineer's Certification Statement</u>. Signed by a professional registered in the Commonwealth of Virginia, certifying that the stormwater management facilities were constructed in accordance with the approved plan.
- Construction record drawing(s) (as-built plan) in a format as specified by the VSMP authority for permanent stormwater management facilities in accordance with 9VAC25-870-55 D appropriately sealed and signed. One digital and one full-sized paper copy.
- Stormwater management plans (digital)
- <u>BMP Maintenance Agreement</u>. Submit an original, signed and notarized BMP Maintenance Agreement for all public and private permits where DEQ is the VSMP Authority. *Termination is not final until you submit the local court record of receipt to DEQ showing that the signed Stormwater Management Maintenance Agreement was recorded with the land deed.*

Section VII. Certification. This Certification must be signed by a person representing the operator identified in Section I. and meeting the requirements of 9VAC25-880-70. Part III. K.

Section VIII. Submittal Instructions. Submit this form to the VSMP Authority that has jurisdiction for your construction activity. The VSMP Authority may be either DEQ <u>or</u> 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.
- <u>The Locality</u>: 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: <u>Local VSMP Authority List</u>.

DEQ'S CONSTRUCTION GENERAL PERMIT WEBSITE

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

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