| Office Use Only | | | | | | | |
|---|--|--|--|--|--|--|--|
| Permit Number: Approval:_ | Date: | | | | | | |
| SWPPP Required? | | | | | | | |
| CITY OF | FAIDEAV | | | | | | |
| | FAIRFAX DEVELOPMENT AND PLANNING | | | | | | |
| | | | | | | | |
| | agement Program (VESMP) Authority | | | | | | |
| | uiring VPDES CGP Coverage AND Single | | | | | | |
| | II Construction Projects | | | | | | |
| Nature of Construction Activity | Permit Application Required | | | | | | |
| Single family residential with land disturbance between 2,500 sq. ft. < 5 acres | VESMP Authority Permit Application | | | | | | |
| Commercial, common plan of development, or other non- residential construction with land disturbance between 2,500 sq. ft. < 1 acre | VESMP Authority Permit Application | | | | | | |
| Single family residential with land disturbance ≥ 5 Acres | Construction General Permit Registration Statement (VAR10) | | | | | | |
| Commercial, common plan of development, or other non-residential construction with land disturbance ≥ 1 acre | Construction General Permit Registration Statement (VAR10) | | | | | | |
| Owner Information | | | | | | | |
| Property Owner: | | | | | | | |
| Mailing Address: | | | | | | | |
| | Zip: Phone: | | | | | | |
| Email Address: | | | | | | | |
| Project Details | | | | | | | |
| Project Name: | | | | | | | |
| Project Address: | | | | | | | |
| City: State: | Zip: | | | | | | |
| Nature of Construction Activity: Single Family Re | sidential Commercial | | | | | | |
| This project is part of a Common Plan of Development/S | | | | | | | |
| Latitude (decimal degrees): | Longitude (decimal degrees): | | | | | | |
| | Estimated Project Completion Date: | | | | | | |
| | cre: | | | | | | |
| | Ith acre: | | | | | | |
| | vater management facilities (Best Management Practices) | | | | | | |
| Name of the Receiving Water(s): | | | | | | | |
| Hydrologic Unit Code(s) (HUC): | | | | | | | |
| Owner Certification | | | | | | | |
| "I certify under penalty of law that I have read and understand this pern | nit application and that this document and all attachments were | | | | | | |
| prepared in accordance with a system designed to assure that qualified submitted. Based on my inquiry of the person or persons who manage information, the information submitted is to the best of my knowledge a | d personnel properly gathered and evaluated the information the system or those persons directly responsible for gathering the | | | | | | |
| | | | | | | | |

| Printed Name: | Title: |
|---------------|---------|
| Signature | _ Date: |

CITY OF FAIRFAX DEPARTMENT OF COMMUNITY DEVELOPMENT AND PLANNING

<u>Virginia Erosion and Stormwater Management Program (VESMP) Authority</u> <u>Permit Application for Projects Not Requiring VPDES CGP Coverage AND Single</u> <u>Family Residential Small Construction Projects</u>

Fees:

Chesapeake Bay Preservation Act Land Disturbing Activity

Land disturbance; 2500sq.ft to less than 1 acre.

Single Family Residential Projects \$290

Land disturbance; 2,500sq.ft to less than 5 acre.

Definitions:

"Common plan of development or sale" means a contiguous area one-acre or greater in size where separate and distinct construction activities may be taking place at different times on different schedules. A subdivision with multiple building lots is an example of a common plan of development or sale. The construction of an accessory building, such as a garage, in an existing subdivision is not considered part of a common plan or development.

\$290

"Single family residential project" means a small construction activity involving a single family detached residential structure with a site or area, within or outside a common plan of development or sale, that is equal to or greater than one acre. Construction of single-family residential subdivision infrastructure is NOT a single-family residential project.

Notes:

Stormwater Pollution Prevention Plan (SWPPP) required for all land disturbing activities equal to or greater than 2,500sq.ft, *except* for single-family residential projects disturbing less than 1 acre.

Single family residential projects that are part of a common plan of development or sale with land disturbance of one acre or greater are required to comply with the Virginia Pollutant Discharge Elimination System General Permit for Discharges from Small Construction Activities

Single family residential projects that result in a land disturbance of five acres or greater in size are required to complete the Registration Statement for Construction General Permit (VAR10) and pay the additional state permit fees.

VESMP Application Requirements

| Land Disturbance, greater than 2,500sq.ft to less than 1AC; | | | | | |
|--|---------|--|--|--|--|
| Single Family Development City of Fairfax VESMP Permit Application Plans Site Plan Checklist BMP Agreement (if applicable) \$290 fee check | | | | | |
| All other non-SFD LDAs (commercial, common plan of development, City of Fairfax VESMP Permit Application Plans Site Plan Checklist BMP Agreement (if applicable) SWPPP \$290 fee check | 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) \$290 Land disturbance = 2500sq.ft to less than 1 acre | | | | | |
| | | | | | |
| Land Disturbance, 1AC or more; All LDAs 1AC or more DEQ VAR10 Registration Statement* DEQ VAR10 Notice of Termination Plans Site Plan Checklist BMP Agreement (if applicable) SWPPP Fee per schedule below | | | | | |
| Small Single Family Detached Home Construction Land disturbance = 1 acre to less than 5 acres* | \$290 | | | | |
| 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 | | | | | |

\$9,600

All VSMP Application Fees to be submitted on a separate check.

Land disturbance = greater than 100 acres

^{*} Small single family detached home construction with land disturbance between 1 acre and less than 5 acres must submit a City of Fairfax VESMP Permit Application in lieu of DEQ VAR10 Registration Statement.

E

Virginia Erosion and Stormwater Management Program (VESMP)

STORMWATER MANAGEMENT PLAN PAGE(S):

| YES NO N/A | | N/A | DESCRIPTION | | | |
|------------|--|-----|---|--|--|--|
| | 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 in the Virginia DEQ 305(b)/303(d) Water Quality Assessment Integrated Report and whether the waterbody is identified as an exceptional water in 9VAC25-260-30 A 3, | | | |
| | | | Information on any additional control measures to be implemented to address an approved local TMDL for which a wasteload has been allocated for sediment or sediment related parameters, nutrients, or polychlorinated biphenyls (PCB) | | | |
| | | | 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 | | | |

Ε

Virginia Erosion and Stormwater Management Program (VESMP)

| | | | 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 including a completed Virginia Runoff Reduction Method spreadsheet, when required. | | |
| | | | 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 BMPs proposed (use SWM Handbook names) | | |
| | | | Location, including geographic coordinates (Lat/Long including decimal up to six units) | | |
| | | | 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.

| F | | |
|---|--|--|
| _ | | |
| | | |
| | | |

Virginia Erosion and Stormwater Management Program (VESMP)

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 | YES NO N/A DESCRIPTION | | 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 | |

Virginia Erosion and Stormwater Management Program (VESMP)

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 110-6.13.B.2 The applicant shall also submit a RPA site-specific study application available at the Zoning Division or at: 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 <u>110-6.13.2.A including</u> preservation of mature trees | | | |
| | | | Climate change and sea level rise assessment per code section 110-6.18.9. | | | |
| | | | Stormwater management plan | | | |
| | | | BMP maintenance plan, including inspection schedule | | | |
| | | | BMP maintenance agreement (available at the Zoning Division) | | | |
| | | | Copies of any required wetland permits | | | |
| Performance Standards 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. Preservation of mature trees. | | | |

E

Virginia Erosion and Stormwater Management Program (VESMP)

Stormwater Pollution Prevention Plan (SWPPP) Contents:

| YES NO N/A | | N/A | DESCRIPTION | |
|------------|--|-----|---|--|
| | | | SWPPP package complete | |
| | | | An erosion and sediment control plan consistent with the requirements of the Virginia Erosion and Stormwater Management Act and regulations must be designed and implemented during construction activities. Prior to land disturbance, this plan must be approved the City of Fairfax. | |
| | | | A stormwater management plan consistent with the requirements of the Virginia Erosion and 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.

F

Virginia Erosion and Stormwater Management Program (VESMP)

Pollution Prevention Plan (PPP) Contents:

| YES | NO | N/A | DESCRIPTION | |
|-----|---|-----|--|--|
| | A pollution prevention plan, as required by <u>9VAC-25-87</u> shall be developed, implemented and updated as nece must detail the design, installation, implementation and maintenance of effective pollution prevention measures minimize the discharge of pollutants. | | | |
| | washing, wheel wash water and other Wash waters must be treated in a sec | | 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. Construction dewatering activities authorized for discharge under the VPDES General Permit for Discharges of Stormwater from Construction Activities (CGP) must comply with CGP monitoring requirements.

Notice of Termination City of Fairfax Virginia Erosion and Stormwater Management Program (VESMP) Authority Permit (Please Type or Print All Information)

| 1. | Project Site Owner | | | | | | | | | | |
|----|--|---|---|---|--|--|--|--|--|--|--|
| | Name: | Name: | | | | | | | | | |
| | Contact: | | | | | | | | | | |
| | Mailing Address: | | | | | | | | | | |
| | City: | _ State: | Zip: | Phone: | | | | | | | |
| | Email address (if available): | | | | | | | | | | |
| 2. | Name and Location of the Construc | ction Activity (as list | ted on the VESMP A | Authority Permit Application) | | | | | | | |
| | Name: | | | | | | | | | | |
| | Address: | | | | | | | | | | |
| | City:S | | | | | | | | | | |
| | Latitude (decimal degrees): | | | | | | | | | | |
| | | | | | | | | | | | |
| 3. | VESMP Authority Permit Number:_ | | | | | | | | | | |
| 4. | Reason for Terminating Coverage | | | | | | | | | | |
| | The applicant shall submit a Notice of | Termination after or | e or more of the foll | owing conditions have been met. | | | | | | | |
| 5. | responsible. When applicable permanent control measures to the submission of a Notice B. Another owner has assumed construction only been transferred to the homeow This Notice of Termination should be Authorization to discharge terminates conditions set forth in subsections B of authorizations to discharge for the from the VESMP Authority that the proposition of Termination, whichever occurrences are supported by the subsection of the version of the ve | shall be recorded in of Termination. As ontrol over all areas on the ongoing day, temporary soil state over AND no BMPs as submitted no later that midnight on the day. Cabove, unless other conditions set forth in ovisions of subsectionary first. | n a BMP Agreement tach a copy to this of the site that have it is charge. Solization has been care on site or on the an 30 days after one atte that the Notice of the the subsection A above in A have been met it. | nt in the local land records prior Notice of Termination. In the local land records prior Notice of Termination. In the local land records prior and land land land land land land land | | | | | | | |
| | measures (both structural and nonstrutechnical criteria. Attach a separate li | uctural) that were ins | talled to comply with | | | | | | | | |
| | Permanent Control Measure #1 Type of Permanent Control Measure: | | | | | | | | | | |
| | Date Functional: | | | | | | | | | | |
| | Address: | | | | | | | | | | |
| | City: State: | Z | ip: | | | | | | | | |
| | Latitude (decimal degrees): | Long | itude (decimal degre | ees) : | | | | | | | |
| | Receiving Water: | | | | | | | | | | |
| | Total Acres Treated: | Impervious Ac | res Treated· | | | | | | | | |

| Permanent Control Measure #2 Type of Permanent Control Measure: | | |
|---|---|--|
| Date Functional: | | |
| Address: | | |
| City: | | |
| | | Longitude (decimal degrees) : |
| Receiving Water: | | |
| Total Acres Treated: | | _ Impervious Acres Treated: |
| Permanent Control Measure #3 | | |
| Date Functional: | | |
| Address: | | |
| City: | | |
| | | Longitude (decimal degrees) : |
| Receiving Water: | | |
| | | _ Impervious Acres Treated: |
| Permanent Control Measure #4 | | |
| Date Functional: | | |
| Address: | | |
| City: | | |
| Latitude (decimal degrees): | | Longitude (decimal degrees): |
| Receiving Water: | | |
| Total Acres Treated: | | _ Impervious Acres Treated: |
| participation in a regional stormwater in Regional Stormwater Management | management _l Facility | nent Plan: (when applicable, information related to the plan. Attach a separate list if additional space is needed.) |
| | | |
| Address: | | |
| City: | | |
| | | Langitude (de sins et de sus es). |
| | | Longitude (decimal degrees): |
| Total Acres Treated: | | _ Impervious Acres Treated: |
| this document and all attachments we personnel properly gathered and evalu- persons who manage the system or the information submitted is to the best of | re prepared in uated the infor nose persons o my knowledgo | ave read and understand this Notice of Termination and that accordance with a system designed to assure that qualified mation submitted. Based on my inquiry of the person or directly responsible for gathering the information, the e and belief true, accurate, and complete. I am aware that formation including the possibility of fine and imprisonment formation. |
| Printed Name: | | Title: |
| Signature | | Data |
| (Please sign in INK. This certification must l | be signed by the | Date: appropriate person associated with the owner identified in Item #1.) |

6.

7.