CITY OF VIRGINIA BEACH

MS4 Permit Program Plan

OCTOBER 2026 - PERMIT VA0088676

Prepared by the Department of Public Works Engineering Group Stormwater & Environmental Management Division

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Acronyms and Abbreviations

BMP	Best Management Practice
City	City of Virginia Beach
DCR	Department of Conservation and Recreation
DEQ	Virginia Department of Environmental Quality
DMR	Discharge Monitoring Report
FY	Fiscal Year
GIS	Geographic Information System
HAZMAT	Hazardous Material
HRSD	Hampton Roads Sanitation District
HUC	Hydrologic Unit Code
IDID	Illicit Discharge and Improper Disposal
IMP	Integrated Management Practice
MS4	Municipal Separate Storm Sewer System
ROW	Right-of-Way
SWMF	Stormwater Management Facility
SWPPP	Stormwater Pollution Prevention Plan
SWU	Stormwater Utility
TMDL	Total Maximum Daily Load
USGS	United States Geological Survey
VDOT	Virginia Department of Transportation
VESMP	Virginia Erosion & Stormwater Management Program

City & Schools Roles & Responsibilities

BMS	Budget and Management Services
CAO	City Attorney Office
CO	Communications Office
CMO	City Manager's Office
CVB	Convention and Visitors Bureau
CVB-CFM	Convention Promotion and Facility Management
ECS	Emergency Communications and Citizen Services
FIR	Fire Department

FIR-FM	Fire-Fire Marshal & Prevention
FIR-OP	Fire-Operations
HNP	Housing and Neighborhood Preservation
HRD	Human Resources Department
HRPDC	Hampton Roads Planning District Commission
IT	Information Technology
IT-CGIS	Center for Geographic Information Systems
OFM	Office of Facilities Management
OFM-FDC	Facilities-Design and Construction
OFM-OPS	Facilities-Operations and Maintenance
OFM-FPD	Facilities-Planning and Development
PLN	Planning and Community Development
PLN-DSC	Planning and Community Development-Development Services Center
PLN-PI	Planning and Community Development-Building Permits and Inspections
PAR	Parks and Recreation Department
PAR-LS	Parks and Recreation-Park and Landscape Services
PAR-PO	Parks and Recreation-Programming and Operations
PAR-PDD	Parks and Recreation-Planning, Design and Development
POL	Police Department
PUD	Public Utilities Department
PUD-ENG	Public Utilities-Engineering
PUD-OPS	Public Utilities-Operations
PWD	Public Works Department
PWD-DBC	Public Works-Director's Office & Business Center
PWD-ENG	Public Works-Engineering
PWD-ENG-CS	Construction & Surveys
PWD-ENG-SWEC	Stormwater Engineering Center
PWD-ENG-SWMR	Stormwater & Environmental Management Regulatory
PWD-ENG-TE	Transportation Engineering
PWD-FM	Public Works-Fleet Management
PWD-FM-OPS	Operations
PWD-FM-SUP	Support
PWD-OPS	Public Works-Operations
PWD-OPS-OM	Operations Management
PWD-OPS-STO	Streets and Traffic Operations
PWD-OPS-SWO	Stormwater Operations
PWD-PM	Public Works-Parking Management
PWD-WM	Public Works-Waste Management
PWD-WM-OPS	Operations
PWD-WM-SUP	Support
SCH	Schools
SCH-FO	Schools-Facility Operations

Introduction

This document constitutes the City of Virginia Beach's (City) Municipal Separate Storm Sewer System (MS4) Program Plan as required by the City's MS4 Permit (No. VA0088676). The MS4 Permit has an effective date of January 26, 2024 and applies coverage for five years until January 25, 2029.

The Program Plan was developed with permit elements arranged parallel to the Sections in the MS4 Permit. Each item in the MS4 Permit is addressed as part of the City's MS4 Program Plan and includes a description of the City's plan to meet the permit requirements. This document will be revised as necessary during the permit term to document any updates or changes to the plan.

MS4 Program Plan Layout

- MS4 Permit Section: This includes the section number from the MS4 permit. Some elements were either combined or separated for purpose of clarity or to combine responsibility. Permit elements that do not have an implementation aspect were excluded.
- Permit Requirement: This contains the permit language. Permit specific language has been italicized.
- Specific Reporting Requirements: This includes MS4 permit reporting requirements as documented in the permit. Permit specific language has been italicized.
- Responsible Party: This identifies the City department and division responsible for implementing the permit element based on the City Operating Budget units or divisions as applicable.
- Corresponding Element of Program Plan: This describes the City's method for addressing the associated permit requirement.

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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."



October 2, 2026
Name: Melanie D. Coffey, P.E.
Title: MS4 Permit Administrator

Part I.A. Authorization and Requirements

A.1. Authorized Discharges

A.1.a. This state permit authorizes the discharge of stormwater from all existing and new municipal separate stormwater point source discharges to surface waters from the Municipal Separate Storm

Sewer System (MS4) owned or operated by the City of Virginia Beach in Virginia, including Virginia Beach City Public Schools.

A.1.b. The following discharges, whether discharged separately or commingled with municipal stormwater, are also authorized by this state permit for discharge through the MS4: Non-stormwater discharges and stormwater discharges associated with industrial activity (defined at 9VAC25-31-10) that are authorized by a separate Virginia Pollutant Discharge Elimination System (VPDES) permit; Discharges from construction activities that are regulated under the Virginia Stormwater Management Program (VSMP) Regulation (9VAC25-870 et seq.) and authorized by a separate VSMP authority permit or state permit; The following non-stormwater discharges unless the Department or the permittee determines the discharge to be a significant source of pollutants to surface waters: water line flushing, managed in a manner to avoid instream impact; landscape irrigation; diverted stream flows; rising ground waters; uncontaminated ground water infiltration (as defined at 40 CFR Part 35.2005(20)); uncontaminated pumped ground water; discharges from potable water sources, managed in a manner to avoid instream impact; foundation drains; air conditioning condensation; irrigation water; springs; water from crawl space pumps; footing drains; lawn watering; individual residential car washing; flows from riparian habitats and wetlands; dechlorinated freshwater swimming pool discharges managed in a manner to avoid instream impact; street and pavement wash waters that do not contain cleaning additives or otherwise managed in a manner to avoid instream impact; routine external building wash down provided no soaps, solvents, or detergents are used, external building surfaces do not contain hazardous substances, and the wash water is filtered, settled, or similarly treated prior to discharge; discharges or flows from emergency firefighting activities; discharges or flows of water for fire prevention or firefighting training activities managed in a manner to avoid instream impact in accordance with § 9.1-207.1 of the Code of Virginia; discharges from noncommercial fundraising car washes if the washing uses only biodegradable, phosphate-free, water-based cleaners in accordance with § 15.2-2114.1 of the Code of Virginia: or other activities generating discharges identified by the Department as not requiring VPDES authorization. Materials from a spill are not authorized unless the discharge of material resulting from a spill is necessary to prevent loss of life, personal injury, or severe property damage. The permittee shall take, or require the responsible party to take, all reasonable steps to minimize or prevent any adverse effect on human health or the environment in accordance with the permittee's program under Part I.B.2.f. (Spill Prevention and Response). This state permit does not transfer liability for a spill itself from the party(ies) responsible for the spill to the permittee nor relieve the party(ies) responsible for a spill from the reporting requirements of 40 CFR Part 117 and 40 CFR Part 302. The permittee is responsible for any reporting requirement listed under Part III.G of this state permit.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The city coordinates with DEQ on any requests for consideration of authorization of other activities not authorized explicitly in this section.

A.2. Permittee Responsibilities

This state permit establishes the specific requirements applicable to the permittee for the term of this state permit. The permittee is responsible for compliance with this state permit. The permittee shall implement and update the MS4 Program Plan (as set forth in Part I.B) to ensure compliance with this state permit. The Department has determined that implementation of the MS4 Program Plan reduces the discharge of

pollutants to the maximum extent practicable. Where wasteloads have been allocated for pollutant(s) of concern in an approved Total Maximum Daily Load (TMDL), the permittee shall implement the special conditions as set forth in Part I.D of this state permit. Compliance with the requirements of this state permit shall also constitute adequate progress for this permit term towards complying with the assumptions and requirements of the applicable TMDL wasteload allocations such that the discharge does not cause or contribute to violations of the water quality standards.

The permittee shall clearly define the roles and responsibilities of each of the permittee's departments, divisions or subdivisions in maintaining permit compliance. If the permittee relies on another party to implement portions of the MS4 Program Plan, both parties must document the agreement in writing. The agreement shall be retained by the permittee with the MS4 Program Plan. Roles and responsibilities shall be updated as necessary. Where the permittee relies on another party to implement a portion of this state permit, responsibility for compliance with this state permit shall remain with the permittee.

In the event the permittee is unable to meet conditions of this state permit due to circumstances beyond the permittee's control, a written explanation of the circumstances that prevented permit compliance shall be submitted to the Department in the annual report. Circumstances beyond the permittee's control may include abnormal climatic conditions; weather conditions that make certain requirements unsafe or impracticable; or unavoidable equipment failures caused by weather conditions or other conditions beyond the reasonable control of the permittee (operator error and failure to properly maintain equipment are not conditions beyond the control of the permittee). The failure to provide adequate program funding, staffing or equipment maintenance shall not be an acceptable explanation for failure to meet permit conditions. The Department will determine, at its sole discretion, whether the reported information will result in an enforcement action. In addition, the permittee must report noncompliance which may adversely affect surface waters or endanger public health in accordance with Part III.I.

- Specific Reporting Requirements: *Each annual report shall include a current list of roles and responsibilities. Each annual report shall include a list of all circumstances of non-compliance outside of the permittee's control.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The roles and responsibilities are defined in each permit section. The City has a written agreement with the HRPDC, HRPDC/USGS Monitoring Agreement, which includes the implementation of portions of Section I.B.2.j: Public Education/Participation and Section I.C.1: In System/Wet Weather Monitoring. These agreements include the '*Memorandum of Agreement Establishing the Hampton Roads Regional Stormwater Management Program*' effective on 7/1/2023 for a period of five years and the '*Second Amendment to Memorandum of Agreement Establishing the Hampton Roads Regional Water Quality Monitoring Program*' effective 3/1/2024 for a period of five years. These are available upon request to vbstormwater@vbgov.com.
  If the City is unable to meet conditions of the MS4 permit due to conditions beyond its control, the City will provide a written explanation of the circumstances that prevented its compliance. Any instances will be included in the annual report of the fiscal year the instance occurred in.

A.3. Legal Authority

The permittee shall maintain and utilize its legal authority authorized by the Commonwealth of Virginia to control discharges to and from the MS4 in the manner established by the specific requirements of this state permit. The legal authority shall enable the permittee to: Control the contribution of pollutants to

the MS4; Prohibit illicit discharges to the MS4; Control the discharge of spills and the dumping or disposal of materials other than stormwater (e.g., industrial and commercial wastes, trash, used motor vehicle fluids, leaf litter, grass clippings, animal wastes, etc.) into the MS4; Require compliance with conditions in ordinances, permits, contracts, inter-jurisdictional agreements, or orders; and Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with permit conditions including the prohibition on illicit discharges to the MS4.

The permittee shall review and update its ordinances and other legal authorities such as permits, orders, contracts, and inter-jurisdictional agreements as necessary to continue providing adequate legal authority to control discharges to and from the MS4.

- Specific Reporting Requirements: *Each annual report shall provide a list of any updates to applicable ordinances, permits, orders, contracts, and/or agreements performed over the reporting year.*
- Responsible Party: CAO, PWD-ENG-SWMR
- Corresponding Element of Program Plan: A summary of the City's legal authority to implement the MS4 Permit is in Appendix A. This includes permit sections and titles and lists the City ordinances relevant to permit implementation and the associated website links to review the full ordinance text. The City has reviewed its current legal authorities to meet requirements of the MS4 permit and current state regulations. The City implements the current regulations under 9VAC25-875 Virginia Erosion and Stormwater Management Regulation that are not reflected in the MS4 permit requirements. The City evaluates its ordinances as necessary to continue to provide adequate legal authority. If additional authorities are identified, the City will adopt ordinances to meet these requirements, and new or modified ordinances will be reported to DEQ in the Annual Report.

A.4. MS4 Program Resources

The permittee shall submit to the Department a copy of the permittee's fiscal year's budget including its proposed capital and operation and maintenance expenditures necessary to accomplish the activities required by this state permit. The permittee shall describe its method of funding the stormwater program with the copy of the fiscal year budget.

- Specific Reporting Requirements: *A copy of the permittee's fiscal year's budget including its proposed capital and operation and maintenance expenditures necessary to accomplish the activities required by this state permit shall be submitted with each annual report*.
- Responsible Party: BMS
- Corresponding Element of Program Plan: The City operates on a fiscal year from July 1 to June 30. The program is partially funded through a stormwater utility fee. The current City budget can be found on the City's website at Budget | City of Virginia Beach. The budget information is submitted with each annual report.

A.5. Permit Maintenance Fees

Permit maintenance fees shall be paid in accordance with Part XIII of the VSMP Regulation (9VAC25-870-700 et seq.).

- Specific Reporting Requirements: *A statement regarding payment of the applicable MS4 permit maintenance fee shall be included with each annual report. Note: Please do not include copies of checks or other bank records.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The permit maintenance fees are paid as required and documentation of payment is retained. A statement regarding payment is included in the annual report.

A.6. MS4 Program Plan

The permittee shall maintain, implement, and enforce an MS4 Program Plan accurately documenting *the MS4 Program including all additions, changes and modifications. For the purposes of this state permit, the MS4 Program Plan is considered a single document, but may consist of separate documents (e.g., dry weather screening plans, wet weather monitoring plans, TMDL Action Plans, annual reports). Policies, ordinances, strategies, checklists, watershed plans and other documents may be incorporated by reference provided the latest revision date is included in the MS4 Program Plan and all documents are available upon request. Specific reference shall be made to any ordinance more stringent than the Virginia Stormwater Management Act (§ 62.1-44.15:24 et seq.) and VSMP Regulation (9VAC25-870 et seq.), the Virginia Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.) and Regulations (9VAC25-840 et seq.) and the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) and Chesapeake Bay Preservation Area Designation and Management Regulations (9VAC25-830 et seq.).*

The most recent MS4 Program Plan shall be maintained on the permittee's website and provided in at least one other location, easily accessible to the public.

- Specific Reporting Requirements: *The permittee shall update the MS4 Program Plan annually and the most up-to-date version of the MS4 Program Plan shall be posted on the permittee's website within 30 days of updating the MS4 Program Plan. The annual report shall include a summary of any updates to the MS4 Program Plan made during the reporting year.*
- Responsible Party: CAO, CO, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The MS4 Stormwater Permit Program Plan is reviewed and updated annually and posted within 30 days to the City's website. The annual report provides a summary of the updates. Stormwater Regulations | City of Virginia Beach

A.7. MS4 Program Review and Updates

MS4 Program Review: The permittee will review the current MS4 Program Plan annually, in conjunction with the preparation of the annual report required under Part I.E of this state permit.

A.7.a.-b. MS4 Program Updates and Modifications: Modifications to the MS4 Program Plan are expected throughout the life of this state permit as part of the iterative process to reduce pollutant loading and protect water quality. As such, modifications made in accordance with this state permit as a result of the iterative process do not require modification of this state permit unless the Department determines the changes meet the criteria referenced in 9VAC25-870-630 or 9VAC25-870-650. Updates and modifications to the MS4 Program Plan may be made during the life of the permit in accordance with the following procedures: Adding (but not eliminating or replacing) components, controls, or requirements to the MS4 Program Plan may be made by the permittee at any time. Additions shall be reported as part of the annual report. Updates and modifications to specific standards and specifications, schedules, operating

procedures, ordinances, manuals, checklists and other documents routinely evaluated and modified are authorized under this state permit provided that the updates and modifications are performed in a manner that is consistent with the conditions of this state permit, that ensure public notice and participation requirements established in this state permit are followed, and that the updates and modifications are documented in the annual report. Replacing, or eliminating without replacement, any ineffective or infeasible strategies, policies and Best Management Practices (BMPs) specifically identified in this state permit with alternate strategies, policies and BMPs may be requested at any time. Such requests shall include the following: An analysis of how and /or why the BMPs, strategies, or policies are ineffective or infeasible including information on whether the BMPs, strategies, or policies are cost prohibitive; Expectations on the effectiveness of the replacement BMPs, strategies or policies; An analysis of how the replacement BMPs are expected to achieve the goals of the BMPs to be replaced; A schedule for implementing the replacement BMPs, strategies and policies; and An analysis of how the replacement strategies and policies are expected to improve the permittee's ability to meet the goals of the strategies and policies being replaced. Requests or notifications shall be made in writing to the Department and signed in accordance with 9VAC25-870-370 of the VSMP Regulation. Modification to the MS4 Program Plan shall become effective and enforceable upon written approval from the Department. Major modifications to the MS4 Program Plan as defined in 9VAC25-870-610 may require that the permit be reopened and modified pursuant to 9VAC25-870-630.

MS4 Program Updates Requested by the Department of Environmental Quality: In a manner and following procedures in accordance with the Virginia Administrative Processes Act, the VSMP Regulation and other applicable State laws, statutes and regulations, the Department may request changes to the MS4 Program Plan to assure compliance with the statutory requirements of the Virginia Stormwater Management Act and associated regulations and to: Address impacts on receiving water quality caused by discharges from the MS4; Include more stringent requirements necessary to comply with new State or Federal statutory or regulatory requirements; or Include such other conditions necessary to comply with State or Federal statutory or regulatory requirements.

Proposed changes requested by the Department shall be made in writing and set forth the basis for and objective of the modification as well as the proposed time schedule for the permittee to develop and implement the modification. The permittee may propose alternative program modifications and/or time schedules to meet the objective of the requested modification, but any such modifications are at the discretion of the Department.

- Specific Reporting Requirements: *All modifications and proposed modifications shall be reported in accordance with this section of the permit.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City reports modifications as required by this section. The City will update the MS4 Program Plan, if requested by DEQ.

Part I.B. Stormwater Management

The following subparts describe the requirements for the permittee to implement in its MS4 Program Plan during this state permit term:

B.1. Planning

No later than 12-months after the effective date of this state permit, the permittee shall submit to the Department, a summary of potential stormwater management projects which may be selected from the

permittee's watershed studies to be completed during the term of the permit. Projects addressing stormwater quantity may be included if there is a water quality benefit to the project. At a minimum, the permittee shall address the following for each project in the summary: type of project or BMP, number of acres which the BMP treats, impervious and pervious acreage treated by the potential project, condition of the downstream channel, amount of total pollutant reduction, feasibility for implementation, and estimated cost of implementation. The summary shall include a prioritized list of the identified projects for consideration of implementation. The permittee shall continue to seek public comment in development of the plans. A copy of the completed plans shall be placed on the permittee's website no later than 30 days after any changes are made.

- Specific Reporting Requirements: *Each annual report shall include an updated project summary sheet.*
- Responsible Party: CO, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City identifies and maintains a database of potential stormwater management projects. This database contains the attributes required by this section. An updated status summary is provided with each annual report. Individual project webpages are developed for projects within 30 days of initiating design. Stormwater Quality Projects & Evaluations | City of Virginia Beach. The city implements public outreach for each project implemented.

Part I.B.2 Stormwater Management MS4 Program Implementation

B.2.a. Construction Site Runoff and Post Construction Runoff

The permittee shall implement a local erosion and sediment control program consistent with the Virginia Erosion and Sediment Control Law § 62.1-44.15:51 of the Code of Virginia and Virginia Erosion and Sediment Control Regulations 9VAC25-840 et seq. and a stormwater management program consistent with the Virginia Stormwater Management Act § 62.1-44.15:24 of the Code of Virginia and Virginia Stormwater Management Program Regulation 9VAC25-870 et seq. The permittee shall identify in the MS4 Program Plan all legal authorities for erosion and sediment control and stormwater management that are more stringent than those required under 9VAC25-840 et seq. and/or 9VAC25-870 et seq. that have been adopted in accordance with § 62.1-44.15:65 and/or § 62.1-44.15:33 of the Code of Virginia.

- Specific Reporting Requirements:
    - *Each annual report shall contain the number of regulated land disturbing activities approved and the total number of acres disturbed.*
    - *Each annual report shall contain the number of land disturbing activity inspections conducted and the number and type of each enforcement action taken.*
    - *Each annual report shall include a list of land disturbing projects that qualify under the 'Grandfathering' provision of the VSMP regulations found at 9VAC25-870-48 that receive coverage under the General VPDES Permit for Discharges of Stormwater from Construction Activities during the reporting period.*
    - *Each annual report shall include a summary of actions taken by the permittee to implement Part I.B.2.a.1. and 2. of this state permit.*

- *The initial annual report shall include the permittee's strategy to address maintenance of stormwater management controls that are designed to treat stormwater runoff solely from the individual residential lot on which they are located.*

- Responsible Party: OFM-FDC, OFM-FPD, PLN-DSC, PLN-PI, PUD-ENG, PWD-ENG, PWD-ENG-CS, PWD-ENG-SWMR, PWD-OPS-OM, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City continues to implement and enforce an erosion and stormwater management program consistent with state regulations. The City is a Virginia Erosion and Stormwater Management Program (VESMP) authority, and the programs are overseen by certified program administrators. Program administrators are staffed in Public Works, Planning & Community Development, and Public Utilities. The City implements more stringent requirements which are reported to DEQ. All land disturbance activities citywide greater than 2500 sf are required to have an approved Erosion and Sediment Control Plan. This includes both the Atlantic Ocean and Southern Rivers watersheds that are outside of the Chesapeake Bay requirements. In addition, the City implements more stringent Stormwater Management requirements to address flooding issues within the City. These more stringent requirements are included within the City Ordinances. The City also incorporates by reference the Public Works Design Standards Manual. The City has adopted a more stringent ordinance for the Southern Rivers Watershed for water quality control requirements for projects with a land disturbance between 2,500 sf and 1 acre. The City provides the specific reporting data with each annual report.

B.2.b. Retrofitting on Prior Developed Lands

From the list of stormwater management projects included in the analysis required in Part I.B.1, the permittee shall complete no less than five (5) projects no later than the expiration date of this state permit. Projects implemented to meet the requirements of Part I.D of this state permit (TMDL Action Plan and Implementation for the Chesapeake Bay Special Condition or TMDL Action Plans other than the Chesapeake Bay TMDL) may be used to meet the requirements of this special condition.

For retrofit projects that do not serve to meet the requirements of Part I.D, the permittee shall submit a summary of projects implemented during the reporting period with each annual report including type of land use being retrofitted, retrofit performed, completion date or anticipated completion date, total acreage retrofitted, total impervious and pervious acreage, and location by latitude and longitude (in decimal degrees).

- Specific Reporting Requirements: *Each annual report shall include a status update for those projects for which implementation began during the reporting period.*
- Responsible Party: PWD-ENG-SWEC, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City constructs at least five projects from the stormwater management projects as required in Planning section B.1 no later than the expiration date of the permit. For retrofit projects that do not serve to meet the requirements of Section I.D, the City includes a summary of any projects implemented during the reporting period with each annual report. A webpage is created for all projects being implemented at Stormwater Quality Projects & Evaluations | City of Virginia Beach.

B.2.c. Roadways

Streets, roads, and parking lots maintained by the permittee shall continue to be operated and maintained in a manner to minimize discharge of pollutants, including those pollutants related to deicing or sanding activities.

- Specific Reporting Requirements: None
- Responsible Party: OFM-OPS, PAR-LS, PWD-OPS-STO
- Corresponding Element of Program Plan: The City maintains all public local, collector roads and arterials within the City boundary. City crews minimize the discharge of pollutants during street maintenance projects. The City staff follow written procedures for maintenance of public roads, streets, and parking lots. During cold temperatures, the City conducts a freeze prevention program, applying anti-icing treatments along the public bridges and roadways for motorist safety. The City coordinates with the Virginia Department of Transportation (VDOT), who maintains Interstate 64 and Interstate 264 within the City boundary.

B.2.c.1. The permittee shall continue to implement its street cleaning program and shall either (a) develop and implement street cleaning program with metrics documenting implementation of a street cleaning program to clean the highest achievable lane miles based on current resources and historical records for approval by the department within 12 months or (b) clean a minimum of 20% of permittee owned or maintained street lane miles with curb and gutter during each reporting year reaching the equivalent of 100% of permittee owned or maintained street lane miles by the end of the permit term.

- Specific Reporting Requirements: *The permittee shall include a description of the permittee's street cleaning program including the total number of miles, the number of miles cleaned each year and the total cleaned cumulatively since permit issuance in each annual report.*
- Responsible Party: PWD-OPS-SWO
- Corresponding Element of Program Plan: The City conducts a street sweeping program along public roads to reduce sediment and debris along curbs and within gutters. The City targets sweeping 100% of the public roadways annually and meets the minimum required 20%. The City sweeps 100% of the public roadways within the permit term. Metrics are included in the annual report.

B.2.c.2. The permittee shall maintain an accurate list of permittee-maintained roads, streets, and parking lots that includes the street name, the miles of roadway not treated by BMPs, and miles of roadway treated with BMPs.

- Specific Reporting Requirements: None
- Responsible Party: PWD-OPS-OM
- Corresponding Element of Program Plan: The City maintains a dataset of City maintained roads and streets, including street names. The City uses a geographic information system (GIS) dataset containing the drainage basin treatment area polygon data for each SWMF to maintain miles of street treated and not treated by SWMFs.

B.2.c.3.-4. The permittee shall implement written protocols for permittee-maintained road, street, and parking lot maintenance, equipment maintenance and material storage designed to minimize pollutant discharge. Within 24 months of permit issuance, the permittee shall develop or review and update, if necessary, its existing procedures for snow and ice management, as well as identify opportunities to

implement best management practices that promote efficient management and application of anti-icing and deicing agent applications to any permittee-maintained parking lots, roadways, and sidewalks or other paved surfaces.

- Specific Reporting Requirements: *The permittee shall include an updated version of the written protocols identified in Part I.B.2.c)(2) if any changes are made during the reporting year.*
- Responsible Party: OFM-OPS, PAR-LS, PWD-ENG-SWMR, PWD-OPS-STO
- Corresponding Element of Program Plan: The City developed and implements written procedures for maintenance of permittee-maintained roads, streets, and parking lots. These procedures are included in the *Stormwater Pollution Prevention Good Housekeeping Manual*. This document is available upon request to vbstormwater@vbgov.com. A copy of the updated manual is submitted to DEQ with the annual report when changes are made during the reporting year.

B.2.c.5.-6. Materials utilized for deicing and sanding activities shall remain covered from precipitation until application. The permittee shall not apply any deicing agent containing urea or other forms of nitrogen or phosphorus to parking lots, roadways, and sidewalks or other paved surfaces.

- Specific Reporting Requirements: None
- Responsible Party: OFM-OPS, PAR-LS, PWD-OPS-STO
- Corresponding Element of Program Plan: Public Works has four maintenance yards where deicing materials are stored. These include Dam Neck Yard, which is the largest with a large dome structure for deicing materials storage; Pungo Yard stores deicing materials covered in a structure; Euclid Yard stores deicing materials in a covered structure; and Oceana Yard stores deicing materials covered with tarps. The City is also using brine for deicing activities that remains covered. Parks and Recreation stores deicing materials indoors at various facilities. The City applies anti-icing agents on roadways, parking lots, and walkways as needed during the winter season. These treatments do not include urea or other forms of nitrogen or phosphorus.

B.2.d. Pesticide, Herbicide, and Fertilizer Application

The permittee shall continue to control the discharge of pollutants related to the storage and application of pesticides, herbicides, and fertilizers applied to permittee rights of way, parks, and other permittee property, as follows:

B.2.d.1. The permittee shall implement and maintain current turf and landscape nutrient management plans that have been developed by a certified nutrient management planner in accordance with § 10.1-104.2 of the Code of Virginia on all lands owned or operated by the permittee where nutrients are applied to a contiguous area greater than one acre. Nutrient management plans shall be submitted to the Department of Conservation and Recreation (DCR) for approval no later than 30 days prior to plan expiration. No nutrient management plans maintained by the permittee shall be considered expired while DCR is reviewing the plan for approval. The permittee shall maintain a list of all permittee lands where nutrients are applied to a contiguous area of more than one acre (including latitude and longitude).

The permittee shall track and annually report the following: The total acreage of permittee lands upon which nutrients are applied and controlled using general City guidelines or standard operating

procedures; The acreage of permittee lands where turf and landscape nutrient management plans are required (including any new lands added in the reporting year); and The acreage of permittee lands covered by current turf and landscape nutrient management plans.

- Specific Reporting Requirements: *Each annual report shall include the three elements under Part I.B.2.d)1)(b) above and a list of properties identified under Part I.B.2.d)1)(a) including the approval date of the most recent nutrient management plan.*
- Responsible Party: PAR-LS, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City continues to implement turf and nutrient management plans, developed by a certified nutrient management planner, that includes city owned properties where nutrients are applied. The plan will be updated as necessary. The City has identified city owned land where nutrients are applied to over one contiguous acre. The required information is included in the annual report.

B.2.d.2. The permittee shall continue to employ good housekeeping/pollution prevention measures in the application, storage, transport and disposal of pesticides, herbicides and fertilizers.

- Specific Reporting Requirements: None
- Responsible Party: OFM-OPS, PAR-LS, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City maintains procedures to be followed in the application, storage, transport and disposal of pesticides, herbicides and fertilizers. All pesticide and herbicide applications are performed by certified applicators or registered technicians. The City operates a mosquito control program that operates from mid-April through October, depending upon seasonal changes.

B.2.d.3. The permittee may regulate the use, application, or storage of fertilizers pursuant to § 3.2-3602 of the Code of Virginia.

- Specific Reporting Requirements: None
- Responsible Party: CAO
- Corresponding Element of Program Plan: The City does not currently regulate the use, application, or storage of fertilizers.

B.2.d.4. The permittee shall track the acreage of permittee lands managed under Integrated Pest Management Plans.

- Specific Reporting Requirements: *Each annual report shall include the number of acres managed under Integrated Pest Management Plans.*
- Responsible Party: PWD-OPS-SWO, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City uses integrated mosquito management for mosquito control. The integrated mosquito management includes the use of two types of insecticides: larvicides and adulticides. The areas where both types of insecticides are applied are tracked and reported annually.

B.2.e. Illicit Discharge and Improper Disposal

Discharges to the MS4 not authorized by this state permit shall be effectively prohibited.

- Specific Reporting Requirements: None
- Responsible Party: CAO
- Corresponding Element of Program Plan: The City prohibits unauthorized discharges to the public stormwater system through City Ordinances.

B.2.e.1. In accordance with Part I.A.1.b), certain non-stormwater discharges to the MS4 need not be addressed as illicit discharges or improper disposal. The MS4 Program Plan shall identify any non-stormwater discharges listed under Part I.A.1.b), where the permittee has imposed any conditions on the discharges to the MS4. The permittee shall prohibit, on a case-by-case basis, any individual non-stormwater discharge (or class of non-stormwater discharges) otherwise allowed under this paragraph that is determined to be contributing significant amounts of pollutants to the MS4.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City has not imposed conditions on allowable non-stormwater discharges to the City's stormwater system.

B.2.e.2. The permittee shall continue implementing a sanitary sewer inspection program to minimize the exfiltration from the sanitary system to the MS4. The permittee shall inspect a minimum of 100,000 linear feet of sanitary sewer annually and 730,000 linear feet of sanitary sewer by the end of the permit term.

- Specific Reporting Requirements: *Each annual report shall include the amount of linear feet of sanitary sewer inspected during the reporting year.*
- Responsible Party: PUD-ENG
- Corresponding Element of Program Plan: The City will continue to implement a sanitary sewer inspection program and inspect at minimum of 730,000 linear feet of sewer pipe by the end of the permit term. Each annual report will include the linear feet inspected during the reporting year, with a minimum inspection of 100,000 linear feet.

B.2.e.3. The permittee shall continue to implement a program to reduce the discharge of floatables (e.g., litter and other human-generated solid refuse).

- Specific Reporting Requirements: None
- Responsible Party: PAR-LS, PAR-PO, PWD-ENG-SWMR, PWD-OPS-SWO, PWD-WM
- Corresponding Element of Program Plan: The City is implementing a Floatables Reduction Program to reduce the discharge of floatables to local waterways. The Floatables Reduction Program includes a myriad of programs that target floatables and trash reduction through prevention and response activities. These programs include mowing with litter pickup, Adopt-a-program, targeted litter cleanup, pump station cleaning, ditch cleaning, street sweeping, debris fence cleanout, waste collection, and recycling. Staff conduct floatables surveys at selected sites that capture a variety of the Floatables Reduction Program activities.

B.2.e.4. The permittee shall prohibit the dumping or disposal of used motor vehicle fluids, household hazardous wastes, sanitary sewage, grass clippings, leaf litter, and animal wastes into the MS4. The

permittee shall ensure the implementation of programs to collect used motor vehicle fluids (such as oil and antifreeze) for recycling, reuse, or proper disposal and to collect household hazardous waste materials (including paint, solvents, pesticides, herbicides, and other hazardous materials) for recycling, reuse ,or proper disposal. Such programs shall be readily available to all private residents and shall be publicized and promoted on a regular basis not less than twice per year.

- Specific Reporting Requirements: None
- Responsible Party: HNP, PWD-ENG-SWMR, PWD-OPS-SWO, PWD-WM
- Corresponding Element of Program Plan: City ordinances prohibit dumping of used motor vehicle fluid, household hazardous wastes, sanitary sewage, grass clippings, leaf litter, animal wastes, and other non-stormwater discharges into the stormwater system. The Household Hazardous Waste Collection Facility is a part of the Resource Recovery Center at the City Landfill, Household Hazardous Waste | City of Virginia Beach. Residents can safely dispose of household hazardous waste free of charge at this facility. Household hazardous waste collection events are promoted on the City's website and through various social media outlets and through askHRgreen Household Hazardous Waste Disposal - askHRgreen.org.

B.2.e.5. The permittee shall continue to implement a program to locate and eliminate illicit discharges and improper disposal into the MS4. This program shall include dry weather screening activities to locate portions of the MS4 with suspected illicit discharges and improper disposal, as described in PartI.B.2.l)(1) of this state permit.

- Specific Reporting Requirements: *Each annual report shall include a list of illicit discharges identified, the source, a description of follow-up activities and whether the illicit discharge has been eliminated.*
- Responsible Party: PUD-ENG, PWD-ENG-SWMR, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City implements an Illicit Discharge and Improper Disposal (IDID) Program and an enhanced dry weather screening program. The City also identifies potential illicit discharges through implementation of the fats, oils, and grease program.

B.2.e.6. The permittee shall require the elimination of illicit discharges and improper disposal practices within 30 days of discovery. Where elimination of an illicit discharge within 30 days is not possible, the permittee shall require an expeditious schedule for removal of the discharge. In the interim, the permittee shall require the operator of the illicit discharge to take all reasonable and prudent measures to minimize the discharge of pollutants to the MS4.

- Specific Reporting Requirements: *Each annual report shall include a list of illicit discharges identified, the source, a description of follow-up activities and whether the illicit discharge has been eliminated.*
- Responsible Party: HNP, PUD-ENG, PWD-ENG-SWMR, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City conducts initial source tracking, informs the responsible party of the illicit discharge and existing City ordinances, and conducts a follow-up investigation to verify that the illicit discharge has been resolved. If the responsible party has not corrected the violation, the City will send a non-compliance letter notifying the responsible party that additional enforcement actions may occur. The City will conduct additional

enforcement actions, up to and including legal action, if necessary. This data is included in the annual report. The City coordinates with other departments and divisions through the Water Pollution Investigation Team.

B.2.f. Spill Prevention and Response

The permittee shall continue to implement a program that coordinates with the Fire Department and other permittee operated departments to prevent, contain, and respond to spills that may discharge into the MS4. The spill response program may include a combination of spill response actions by the permittee (and/or another public or private entity), and legal requirements for private entities within the permittee's jurisdiction.

- Specific Reporting Requirements: *Each annual report shall include a list of spills, the source (identified to the best of the permittee's ability), and a description of follow-up activities taken.*
- Responsible Party: FIR-OP, PUD-ENG, PWD-ENG-SWMR, PWD-OPM-SWO
- Corresponding Element of Program Plan: The City implements a spill prevention and response program that is coordinated with the Fire Department and other departments through routine coordination through the Water Pollution Investigation Team. The City maintains a contract with a vendor to support clean-up of large spills upon request.

B.2.g. Industrial & High Risk Runoff

The permittee shall implement a program to identify and control pollutants in stormwater discharges to the MS4 from industrial and high-risk runoff facilities (e.g., municipal landfills; other treatment, storage, or disposal facilities for municipal waste; hazardous waste treatment, storage, disposal and recovery facilities; facilities that are subject to EPCRA Title III, Section 313). Facilities with individual industrial VPDES stormwater permits or coverage under the industrial stormwater general permit may be included in the program at the discretion of the permittee.

B.2.g.1-6. The permittee shall maintain, and update as necessary, a list of all known industrial and high-risk dischargers to the MS4. The permittee shall maintain a list of any industrial and/or commercial stormwater discharges not permitted by the Department that it determines have the potential to contribute a significant pollutant loading to the MS4. This list may be individual discharges or categories of discharges. The list shall include, but shall not be limited to, major automotive facilities such as repair shops, body shops, auto detailers, tire repair shops and service stations. Visual inspections of exposed areas and points of connections to the MS4 or outfalls at these facilities shall be conducted, in accordance with the schedule outlined in the MS4 Program Plan, to identify potential sources of pollutants that could enter the MS4 and surface waters. The permittee shall require control measures as necessary and/or appropriate for stormwater discharges from these dischargers to the MS4. The permittee may conduct monitoring, or may require the facility to conduct monitoring, of any stormwater discharges it believes may be a source of significant pollutant loadings to the MS4.

The permittee shall coordinate with the Department to report any non-VPDES permitted industrial or commercial facility from which the permittee has evidence that a significant pollutant load is entering the MS4 system. Inspections of facilities for which the permittee has evidence of significant pollutant loading may be carried out in conjunction with other permittee programs. The permittee shall refer to the Department of Environmental Quality, Tidewater Regional Office, for Department compliance review

under the Virginia State Water Control Law any industrial or commercial facility, if the permittee becomes aware of a violation of any industrial stormwater management requirement contained in an individual or general VPDES permit issued to the facility by the Department.

- Specific Reporting Requirements: *Each annual report shall include a list of all known industrial and high-risk dischargers including any non-VPDES regulated industrial and commercial stormwater dischargers determined by the permittee as having the potential to contribute a significant pollutant load and that discharge to the MS4 system, a schedule of inspections and procedures for inspecting points of connection or outfalls, whichever occurs first to the permittee's MS4. Each annual report shall include a report on implementation of the inspection schedule and include a list of the facilities and/or facility outfalls or points of connection to the permittee's MS4 inspected during the reporting period. Each annual report shall include a list of referrals to the Department including a document detailing any coordination activities with the Department.*
- Responsible Party: PWD-ENG-SWMR
  Corresponding Element of Program Plan: The City maintains a list of industrial and/or commercial high-risk dischargers to its stormwater system that have the potential to contribute a significant pollutant loading to the public stormwater system, including both VPDES-permitted and non-VPDES-permitted facilities. Inspections are performed once every five years and results and recommendations for good housekeeping practices to minimize the discharge of stormwater pollution are provided to the property owner. The City identifies and investigates potential sites for inclusion in the list. The City reviews DMRs and notifies DEQ when a facility exceeds VPDES permit discharge limits or has significant non-stormwater discharges that may be subject to DEQ permitting requirements.

B.2.h. Stormwater Infrastructure Management

The permittee shall continue to maintain and implement programs to maintain the permittee's stormwater infrastructure and to update the accuracy and inventory of the storm sewer system.

- Specific Reporting Requirements: None
- Responsible Party: OFM-FDC, PAR-PDD, PLN-DSC, PUD-ENG, PWD-ENG-SWEC, PWD-ENG-SWMR, PWD-ENG-TE, PWD-OPS-OM, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City implements a maintenance program for the publicly maintained stormwater system. The City updates the inventory to improve accuracy and to capture new asset data. The City's stormwater infrastructure inventory is maintained in a GIS format. Public assets associated with the storm sewer system are updated upon receipt of as-built and record drawings, as well as survey data. Assets are updated as staff identify missing or incorrect asset information.

B.2.h.1. For stormwater management (SWM) facilities and infrastructure maintained by the permittee including residential properties where SWM facilities, BMP and Storm Drainage Systems qualify for permittee maintenance (excluding apartments and mobile home parks), the following conditions apply:

The permittee shall provide for adequate long-term operation and maintenance of SWM facilities owned or operated by the permittee in accordance with written inspection and maintenance procedures included in the MS4 Program Plan. The permittee shall inspect annually all SWM facilities owned or

operated by the permittee. The permittee may choose to implement an alternative schedule to inspect these SWM facilities based on a risk assessment that includes facility type and expected maintenance needs provided that the alternative schedule is included in the MS4 Program Plan in accordance with plan modifications as listed in Part I.A.7.a) of this state permit. The permittee shall conduct maintenance on SWM facilities owned or operated by the permittee as necessary to ensure the facilities function as designed.

The permittee shall continue its stormwater system inspection program and shall either implement a department approved risk-based prioritization inspection program for the stormwater system within 12 months or inspect not less than 15% of the MS4 annually and 80% of the system during the term of the permit. The permittee shall perform maintenance as necessary based on findings during the inspection. If for any reason an inspection cannot be conducted, the permittee shall document the reason in the Annual Report. Visual inspections may be used to satisfy the inspection requirements Part I.B.2.)h)1)(d) above. The permittee may prioritize inspection locations based on re-occurring problems, illicit discharges, illegal dumping, citizen complaints, and other criteria as determined by the permittee. The criteria used to prioritize the inspections shall be documented in the MS4 Program Plan and updated as necessary. The permittee shall dispose of all wastes and wastewaters collected during SWM maintenance in accordance with local, state, and federal laws and regulations. The permittee shall obtain any required state or federal permit(s) necessary to complete maintenance activities.

- Specific Reporting Requirements: *The permittee shall submit with the initial annual report the written inspection and maintenance procedures. Each annual report shall include a list of activities including inspections, maintenance, and repair of stormwater infrastructure operated by the permittee as required in Part I.B.2.h)1) including the type and number of stormwater structures inspected and maintained; the total number of stormwater structures owned or operated by the permittee; the total linear feet of storm sewer system owned and/or operated by the permittee; and the linear feet of storm sewer system inspected.*
- Responsible Party: OFM-OPS, PAR-LS, PUD-ENG, PWD-ENG-SWMR, PWD-OPS-OM, PWD-OPS-SWO, SCH, SCH-FO
- Corresponding Element of Program Plan: The City conducts stormwater infrastructure and SWMF inspections on a routine basis and following citizen complaints. Written inspection and maintenance procedures for the long-term operation and maintenance of SWM facilities owned and operated by the permittee are included in the '*SWMF Inspection and Maintenance Manual*'. The City annually inspects all SWM facilities owned or operated by the City in accordance with the written procedures. Documentation of inspections are maintained in Cartegraph, and any required maintenance is tracked via tasks associated with the asset.

  The City remains committed to inspecting its existing stormwater infrastructure as necessary to maintain the design capacity of its existing system. The City follows written Inspections and maintenance procedures for the public storm sewer system and activities are tracked in the Cartegraph work management system. Documentation of inspections are maintained, and any required maintenance is tracked via tasks. Inspections are performed based on resident requests, neighborhood rehabilitation projects, watershed modeling infrastructure data verification surveys, dry weather screening, defect surety, and MS4 permit inspections. Routine inspections occur in conjunction with City efforts to verify infrastructure asset data. Routine

inspections assess the asset condition. Additional inspections are scheduled as needed to achieve the minimum required 15% system inspections.

Inspections are prioritized based on the six categories discussed in Section B.2.h.1.d. and are prioritized as follows: 1. Resident requests; 2. Neighborhood rehabilitation projects; 3. Watershed modeling infrastructure data verification surveys; 4. Dry weather screening; 5. Defect surety; 6. Additional MS4 permit inspections to meet 15 percent annually.

The City remains committed to complying with all applicable Federal, State, and Local laws. Prior to any land disturbance, a preliminary site assessment is carried out to determine whether a permit is needed. When the need for a permit is indeterminate or questionable, an on-call expert is consulted to coordinate directly with the appropriate Federal, State, or Local agency.

B.2.h.2. For SWM facilities not maintained by the permittee and that discharge into the MS4, the following conditions apply:

B.2.h.2a. The permittee shall continue to implement a program to ensure proper maintenance of each privately maintained SWM facility that discharges into the MS4 system. The program shall include the following elements:

B.2.h.2a1. Beginning with the effective date of this state permit and in accordance with 9VAC25-870-112 B., maintenance agreements may be used but are not required for stormwater control measures that are designed to treat stormwater runoff solely from the individual residential lot on which they are located provided that the permittee has developed and implemented a strategy to address maintenance of such stormwater management controls. Should the permittee choose a strategy other than a maintenance agreement, such a strategy shall be provided in writing no later than 12 months after the effective date of this state permit and shall include an inspection schedule, homeowner outreach and education, or other methods targeted at promoting the long-term maintenance of such facilities.

- Specific Reporting Requirements: None. Note that specific reporting requirements were included in the Construction Site Runoff and Post Construction Runoff section of the permit and are as follows and included here for clarity. *The initial annual report shall include the permittee's strategy to address maintenance of stormwater management controls that are designed to treat stormwater runoff solely from the individual residential lot on which they are located.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City opted to utilize a strategy other than maintenance agreements to ensure maintenance of individual residential private SWMFs that do not currently have maintenance agreements. The City developed and implements a strategy that includes targeted education to increase awareness and participation in inspections and maintenance for single family residential property owners. The City developed SWMF maintenance fact sheets as a guide to assist property owners with common maintenance issues. These are posed on the City's webpage at Stormwater Management Facilities | City of Virginia Beach.

B.2.h.2.a2-3. For SWM facilities that are privately maintained and for which maintenance agreements have been established between the permittee and the owner, the permittee shall inspect all privately maintained facilities no less than once per 5 years and conduct follow up activities to ensure the required maintenance has been completed. Inspections may be conducted by the permittee or their designee as

defined in 9VAC25-870-114. The permittee shall continue to implement a program ensuring the inspection and maintenance of SWM facilities that are privately maintained and for which maintenance agreements have not been established between the permittee and the owner.

- Specific Reporting Requirements: *Each annual report shall provide a summary of actions taken by the permittee to address failure of privately maintained SWM facilities owners to abide by maintenance agreements. Each annual report shall include a list of activities including inspections performed and notifications of needed maintenance and repair of stormwater facilities not operated by the permittee as required by Part I.B.2.h)2).*
- Responsible Party: CAO, PWD-ENG-SWMR, PWD-OPS-SWO
- Corresponding Element of Program Plan: Private SWMFs with maintenance agreements are inspected a minimum of once every five years utilizing the City's inspection and maintenance procedures documented in the *'SWMF Inspection and Maintenance Manual'*. If required, the City sends notifications to the property owner and conducts follow-up inspections to verify whether maintenance activities have occurred.

  The City implements a program for privately maintained SWM facilities that have not established maintenance agreements to encourage performance of maintenance. The City has developed a strategy that includes inspection of a minimum of five percent of these types of facilities.

B.2.h.3. The permittee shall update and maintain an accurate MS4 map and information table as follows:

B.2.h.3a-g. An updated map of the MS4 owned or operated by the permittee, no later than 12 months after the permit effective date that includes, at a minimum: MS4 outfalls discharging to surface waters, except as follows: In cases where the outfall is located outside of the MS4 permittee's legal responsibility, the permittee may elect to map the known points of interconnection upstream and downstream of the actual outfall; and In cases where the MS4 outfall discharges to receiving water channelized underground, the permittee may elect to map the point downstream at which the receiving water emerges above ground as an outfall discharge location. If there are multiple outfalls discharging to an underground channelized receiving water, the map shall identify that the outfall discharge location represents more than one outfall. This is an option a permittee may choose to use recognizing the difficulties in accessing outfalls to underground channelized stream conveyances for purposes of mapping, screening or monitoring; A unique identifier for each mapped item required in Part I B.2.h) 3); The name and location of receiving waters to which the MS4 outfall or point of interconnection discharges; The MS4 regulated service area; Pipe and open channel conveyances that are upstream of MS4 outfalls; and Stormwater management facilities owned or operated by the permittee. The permittee shall update its MS4 service area map as necessary if any changes to direct drainage to VDOT's MS4 service area occur. The permittee shall maintain a map to assist with coordination of VDOT MS4 coverage areas for roadways and streets. Where practical, the permittee map shall clearly delineate gap areas that drain to VDOT MS4 areas not included as part of the City of Virginia Beach's MS4 service area. This information shall be maintained and kept up to date and made available when requested. The permittee shall maintain an outfall information table associated with the MS4 map that includes the following information for each outfall or point of discharge for those cases in which the permittee elects to map the known point of discharge in accordance with Part I.B.2.h)3)(a)(1). The outfall information table may be maintained as a shapefile attribute table. The outfall information table shall include the

following at a minimum: A unique identifier as specified on the MS4 map; The latitude and longitude of the outfall, or point of discharge; The 6th Order Hydrologic Unit Code of the receiving water; An indication as to whether the receiving water is listed as impaired in the Virginia 2022 305(b)/303(d) Water Quality Assessment Integrated Report; and The name of any EPA-approved TMDLs for which the permittee is assigned a waste load allocation. If available, the outfall table should include the following: The estimated regulated acreage draining to the outfall, or point of discharge; and The name of the receiving water. No later than October 1 of each year, the permittee shall update the MS4 map and outfall information table to include any new outfalls constructed or TMDLs approved or both during the immediate preceding reporting period. The permittee shall provide written notification to any downstream adjacent MS4 of any new physical interconnection from the permittee-owned system to another regulated MS4 established or discovered after the effective date of this permit.

- Specific Reporting Requirements: *The MS4 service area map including outfalls and information included in Part I.B.2.h)3) shall be submitted no later than 12 months after the effective date of this state permit. The information shall be submitted as an electronic file described in Part I.B.2.h)3)(e).*
  No later than 12 months after permit issuance, the permittee shall submit to DEQ, a format file geodatabase or two shapefiles that contain at a minimum: A point feature class or shapefile for outfalls with an attribute table containing outfall data elements required in accordance with Part I.B.2.h)3)(c); and A polygon feature class or shapefile for MS4 service area as required in accordance with Part I.B.2.h)3)(a)(4) with an attribute table containing the following information: MS4 operator name; MS4 permit number, and MS4 service area pervious, impervious and total acreage rounded to the nearest hundredth. All file geodatabase feature classes or shapefiles shall meet the following data format standards: Point data collected in NAD83 or WGS84 decimal degrees global positional system coordinates; Data projected in Virginia Lambert Conformal Conic format; Outfall location accuracy shall be represented in decimal degrees rounded to at least the fifth decimal place for latitude and longitude to ensure point location accuracy (e.g., 37.61741, - 78.15279); and Metadata shall provide a description of each feature class or shapefile dataset, units of measure as applicable, coordinate system, and projection.
- Responsible Party: PWD-ENG-SWMR, PWD-OPS-OM
- Corresponding Element of Program Plan: The City updates and maintains an accurate MS4 map and information table. The City has identified the MS4 points of connection with VDOT, the VDOT MS4 service area within the City limits, and provided the GIS data to VDOT. There are no gap areas between the City and VDOT service areas.
  The City maintains and outfall information in a shapefile attribute table. New MS4 outfalls are identified based upon the receiving waters GIS dataset developed by the City and tracked upon receipt of records or surveys of the stormwater infrastructure.
  The City updates the MS4 map and outfall information data to include any new outfalls constructed or TMDLs approved during the preceding reporting period. The City notifies any adjacent MS4 permit holders of any new physical interconnection from the City's stormwater system to their system.

B.2.i. City Facilities

Facilities owned or operated by the permittee shall be operated and maintained as follows:

B.2.i.1-2. The permittee shall develop, implement and maintain written good housekeeping procedures designed to: Prevent illicit discharges; Ensure permittee staff or contractors properly dispose of waste materials to minimize floatables and landscape wastes entering the MS4; Prevent the discharge of wastewater or washwater or both into the MS4 without authorization under a separate VPDES permit; and Preventing pollutant discharge into the MS4 from leaking permittee-owned or operated vehicles and equipment. Leaked fluids shall be cleaned up and disposed of properly, as soon as possible but no later than 24-hours after discovery. The permittee shall maintain markings on all stormwater inlets located on high priority municipal facilities, as defined at Part I.F, and on permittee properties with greater than two (2) acres of impervious surface.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City developed and maintains a *Stormwater Pollution Prevention Good Housekeeping Manual.* The City has installed and maintains markings on all stormwater inlets located on high priority municipal facilities identified in Section I.B.2.i.2., and on permittee properties with greater than 2-acres of impervious surface. The City reviews development of properties annually to determine if they meet the requirements for markings and installs markings after completion of the development.

B.2.i.3 High Priority Municipal Facilities

B.2.i.3.a. The permittee shall maintain a list of all high priority municipal facilities that do not require a separate VPDES industrial stormwater permit, as well as identify which of the high-priority municipal facilities have a high potential of discharging pollutants. Facilities with a high potential for discharging pollutants are those facilities where any of the following materials or activities occur and are expected to have exposure to stormwater resulting from rain, snow, snowmelt, or runoff: Areas where residuals from using, storing or cleaning machinery or equipment remain and are exposed to stormwater; Materials or residuals on the ground or in stormwater inlets from spills or leaks; Material handling equipment (except adequately maintained vehicles); Materials or products that would be expected to be mobilized in stormwater runoff during loading/unloading or transporting activities (e.g., rock, salt, fill dirt); Materials or products stored outdoors (except final products intended for outside use where exposure to stormwater does not result in the discharge of pollutants); Materials or products that would be expected to be mobilized in stormwater runoff contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers; Waste material except waste in covered, non-leaking containers (e.g., dumpsters); Application or disposal of process wastewater (unless otherwise permitted); or Particulate matter or visible deposits of residuals from roof stacks, vents or both not otherwise regulated (i.e., under an air quality control permit) and evident in the stormwater runoff.

- Specific Reporting Requirements: *Each annual report shall include a list of all high priority municipal facilities and those with a high potential to discharge pollutants as identified in Part I.B.2.i)3)(a).*
- Responsible Party: PWD-ENG-SWMR

- Corresponding Element of Program Plan: The City identifies municipal facilities that are considered high-priority, and evaluates these facilities to determine if they have a high potential for discharging pollutants and maintains this information in a database. The City reviews the CIP projects annually and performs updates to the database as facilities are identified and evaluated.

B.2.i.3.b. The permittee shall develop and/or update and implement individual stormwater pollution prevention plans for each high-priority municipal facility identified under Part I.B.2.i)3)(a) no later than 36-months after the effective date of this state permit. Stormwater pollution prevention plans (SWPPP) shall include: A site description that includes a site map identifying all outfalls, direction of flows, existing source controls and receiving water bodies; A discussion and checklist of potential pollutants and pollutant sources; A discussion of all potential non-stormwater discharges; A maintenance schedule for all existing source controls; All policies and procedures implemented at the facility to ensure source reduction; An inspection schedule and checklist to ensure that all source reductions are continually implemented and all source controls are appropriately maintained. The date of each inspection and associated findings and follow-up shall be logged in each SWPPP; Appropriate training as required in Part I.B.2.(k); Procedures to conduct an annual comprehensive site compliance evaluation; Procedures to conduct dry weather screening; and All modifications made as the result of any release or spill. A copy of each SWPPP shall be kept at each high-priority municipal facility and be kept updated.

- Specific Reporting Requirements: None
- Responsible Party: OFM-OPS, PAR-LS, PUD-OPS, PWD-FM-OPS, PWD-ENG-SWMR, PWD-OPS-STO, PWD-OPS-SWO, PWD-WM-OPS
- Corresponding Element of Program Plan: The City has developed and implements individual SWPPPs for high-priority municipal facilities with a high potential of discharging pollutants that do not require a separate VPDES industrial stormwater permit. The City Landfill has a VPDES permit and implements a SWPPP. A copy of each SWPPP is kept at each high-priority municipal facility and is reviewed annually for updates. The following high-priority facilities have been identified as having a high potential of discharging pollutants:
    - Public Works Waste Management Yard, 3024 Holland Rd.
    - Public Works Operations Management Dam Neck Yard, 3556 Dam Neck Rd.
    - Public Works Operations Management Oceana Yard, 156 Oceana Blvd.
    - Public Works Operations Management Pungo Yard, 1848 Pleasant Ridge Rd.
    - Public Works Operations Management and Parks and Recreation Landscape Management Euclid Yard, 100 Southgate Ave.
    - Public Works Fleet Management Leroy Road Yard, 2633 Leroy Rd
    - Public Works Fleet Management Waste Management Yard, 3024 Holland Rd.
    - Public Works Fleet Management Dam Neck Yard, 3500 Dam Neck Rd.
    - Public Utilities Operations Dam Neck Yard, 3500 Dam Neck Rd.
    - Public Works Operations Management and Parks and Recreation Landscape Management Beach Operations Yard, 729 14th St.
    - Parks and Recreation Landscape Management Yard, 4141 Dam Neck Rd.

B.2.j. Public Education / Participation

The permittee shall continue to implement a public education program with the goal of increasing the stormwater knowledge of target audiences and changing behavior to result in pollutant reductions. The permittee may fulfill all or part of the requirements of this state permit through regional outreach programs involving two or more MS4 localities.

B.2.j.1. The permittee shall identify, schedule, implement, evaluate and modify, as necessary, public outreach activities designed to meet the following public education and outreach goals:

B.2.j.1.a. Promote, publicize, and facilitate public reporting of the presence of illicit discharges or improper disposal of materials into the MS4;

B.2.j.1.c. Develop and maintain as appropriate an outreach program for public and private golf courses located within the City that discharge to the permittee's MS4 to encourage implementation of integrated management practice (IMP) plans and techniques to reduce runoff of fertilizer and pesticides;

B.2.j.1.g. Promote and publicize methods for residential car washing that minimize water quality impacts;

B.2.j.1.i. Encourage private property owners to implement voluntary stormwater management techniques and/or retrofits; and

B.2.j.1.j. Target strategies towards local groups of commercial, industrial, and institutional entities likely to have significant stormwater impacts.

- Specific Reporting Requirements: *Each annual report shall include a list of permittee public outreach and education activities, and the estimated number of individuals reached through the activities. An evaluation of program effectiveness, as outlined in the MS4 Program Plan with recommendations for future changes shall also be included.*
  Each annual report shall provide a summary of voluntary retrofits completed on private property used to demonstrate pollutant reduction requirements.
  Each annual report shall provide a summary of voluntary stormwater management techniques encouraged on private property.
- Responsible Party: CO, HRPDC, IT-CGIS, PWD-ENG-SWMR
- Corresponding Element of Program Plan:
  - Public reporting of stormwater pollution is promoted and publicized through Stormwater & Flood Protection | City of Virginia Beach and Only Rain Down the Storm Drain - askHRgreen.org. Public reporting is facilitated by reporting to 311 and other various methods including email to vbstormwater@vbgov.com, an online reporting form, and through the VB Works mobile application. The City provides public education about the improper disposal of materials into the public stormwater system through its illicit discharge report response, storm drain medallion and Adopt-a-Drain programs, and event outreach.
  - The City surveyed golf course managers in Virginia Beach and confirmed submission and understanding of nutrient management plans pursuant to Virginia Code § 10.1-104.5. Additional resources are provided for golf course managers at Good to Do | City of Virginia Beach.

- The city promoted and publicized methods for residential car washing that minimize water quality impacts during outreach events. The City also provides a link to EPA-approved soaps on the City stormwater website, at Get Involved | City of Virginia Beach on the *Good to Do* page.
- The City encourages voluntary stormwater management techniques and/or retrofits through the Bay Star, River Star, and Pearl Homes Programs in addition to information on Get Involved | City of Virginia Beach. Educational materials and giveaways are provided to applicants and promoted during events. The City provides funding to support cost sharing through various partnerships for the installation of voluntary retrofits such as rain gardens and conservation landscaping. These voluntary practices are not used to meet pollutant reduction requirements. The voluntary practices are reported in the Annual Report.
- To target strategies toward local groups of commercial, industrial, and institutional entities likely to have significant stormwater impacts, the askHRgreen regional Bay Star Business program was leveraged to outreach to businesses. Educational materials are provided online targeting automotive industries, pet care industries, and landscaping companies.

B.2.j.1.b. Continue to promote individual and group involvement in local water quality improvement initiatives including the promotion of local restoration and clean-up projects, programs, groups, meetings and other opportunities for public involvement;

B.2.j.1.e. Promote and publicize the proper disposal of pet waste and household yard waste;

B.2.j.1.h. Promote and publicize the proper use, application, and disposal of pesticides, herbicides, and fertilizers by public, commercial, and private applicators and distributors;

- Specific Reporting Requirements: *Each annual report shall include a list of permittee public outreach and education activities and the estimated number of individuals reached through the activities. An evaluation of program effectiveness, as outlined in the MS4 Program Plan with recommendations for future changes shall also be included.*
- Responsible Party: HRPDC, PAR-PO, PWD-ENG-SWMR, PWD-WM-SUP
- Corresponding Element of Program Plan: The City conducts activities to promote individual and group involvement in local water quality improvement initiatives. Volunteer activities were promoted by City staff, local and regional partnerships through websites, newsletters, and social media. These included cleanups, stewardship programs, bird and plant walks, training on sustainable yards, training on water quality testing, and meetings on stormwater runoff.
  - The City participates in the Keep America Beautiful and Keep Virginia Beautiful programs, which include beautification and cleanup events.
  - The City participates in the Adopt-A-Program to encourage residents and organizations to adopt a location, conduct at least six cleanups per year for two years, and report each clean-up activity. The city supplies materials and posts a sign with the name of the adopter at the location.
  - The City implements an enhanced pet waste management program. The City awards pet waste stations through a grant program as part of the City's scoop the poop campaign. The stations may be requested by organizations through the City or askHRgreen.org. The City installs and maintains stations to reduce pet waste on public property. Proper disposal is advertised on askHRgreen.org and on www.virginiabeach.gov/stormwater-program. The

City provides public education about the disposal of pet waste on the website and through materials distributed at events and through other methods.

- The City collects yard waste as a part of the waste management collection program. The City publicizes the yard waste collection program and includes details on acceptable materials and bagging requirements on VBgov.com and social media. The City distributes pet waste and household yard waste materials at public events, including pamphlets and giveaways.
- The City conducted educational outreach to promote and publicize nutrient management, soil testing, proper use, application, and disposal of pesticides, herbicides, and fertilizers. The City's Landfill & Resource Recovery Center | City of Virginia Beach is promoted on the city website for the disposal of pesticides, herbicides, and fertilizers for residents. Information about the proper use and storage of pesticides, herbicides, and fertilizers is also available on Fertilizing - askHRgreen.org.

B.2.j.1.d. Promote, publicize, and facilitate the proper management and disposal of used oil and household hazardous wastes;

B.2.j.1.f. Promote and publicize the use of the City's litter prevention program;

- Specific Reporting Requirements: *Each annual report shall include a list of permittee public outreach and education activities and the estimated number of individuals reached through the activities. An evaluation of program effectiveness, as outlined in the MS4 Program Plan with recommendations for future changes shall also be included.*
- Responsible Party: HRPDC, PWD-WM-SUP
- Corresponding Element of Program Plan: The City publicizes the Resource Recovery Center, which is a collection site for used oil and household hazardous waste on Landfill & Resource Recovery Center | City of Virginia Beach. The City publicizes other events throughout the year where household hazardous wastes are collected. Events are promoted and publicized regionally on askHRgreen.org. Litter prevention is promoted in participation with Keep America Beautiful and through askHRgreen. The City conducts outreach and distributes litter prevention materials including pamphlets and giveaways at events.

B.2.j.2-4. The permittee shall post a copy of this state permit on its web page no later than 30-days after the effective date of this state permit and continue to retain a copy of the permit online for the duration of this state permit.

The permittee shall post copies of each annual report on its website no later than 30 days after the report submittal to the Department and continue to retain copies of the annual reports online for the duration of this state permit.

The permittee shall post the most current MS4 Program Plan on its website no later than 30 days after the effective date of this permit and maintain a current copy on the website. If the MS4 Program Plan is modified or revised, the updated plan shall be posted within 30 days of the revision(s). Copies of the most current MS4 Program Plan shall be made available for public review upon request of interested parties in compliance with all applicable open records requirements.

- Specific Reporting Requirements: None
- Responsible Party: CO, PWD-ENG-SWMR

- Corresponding Element of Program Plan: The City's MS4 permit, effective January 26, 2024, was posted on the City's website in accordance with the schedule defined in the permit. The permit is available at Stormwater Regulations | City of Virginia Beach. Each annual report will be posted on the City website no later than 30 days after the report is submitted to DEQ. The most current MS4 program plan will be posted on the City website no later than 30 days after updating.

B.2.k. Training

The permittee shall conduct stormwater training for permittee employees. The training requirement may be fulfilled all or in part through regional training programs involving two or more MS4 localities; provided, however, that the permittee shall remain individually liable for its failure to comply with the training requirements in this state permit. The permittee shall determine the appropriate employees to receive the following types of training based on the specific topic for which training is to be provided:

B.2.k.1. The permittee shall provide biennial training to appropriate field personnel in the recognition and reporting of illicit discharges.

- Specific Reporting Requirements: None
- Responsible Party: CVB, ECS, FIR, HNP, HRD, OFM, PAR, PLN, POL, PUD, PWD, SCH
- Corresponding Element of Program Plan: The City identifies the appropriate staff position titles to receive this training. The City provides training for appropriate staff to be able to recognize and report illicit discharges/stormwater pollution. *How to Spot and Report Stormwater Pollution* – Recognition and reporting of illicit discharges, defining what qualifies as an illicit discharge, and how to report it. Training is available through the Human Resources Learning Management System, Taleo Learn, for employees and through in-person block training.

B.2.k.2, 4, & 8. The permittee shall provide biennial training to appropriate employees in good housekeeping and pollution prevention practices that are to be employed during road, street, and parking lot maintenance. The permittee shall provide biennial training to appropriate employees in good housekeeping and pollution prevention practices that are to be employed in and around permittee maintenance and public works facilities. The permittee shall provide biennial training to applicable employees in good housekeeping and pollution prevention practices that are to be employed in and around permittee recreation facilities.

- Specific Reporting Requirements: None
- Responsible Party: CVB, OFM, PAR, PUD, PWD, SCH
- Corresponding Element of Program Plan: The City identifies the appropriate staff position titles to receive this training. The City provides training for appropriate staff in good housekeeping and pollution prevention practices. *Stormwater Pollution Prevention Good Housekeeping Practices* – Good housekeeping and pollution prevention practices to be employed during road, street, and parking lot maintenance; in and around maintenance and public works facilities; and in and around recreation facilities. This training also includes spill response and waste management procedures. Training is available through the Human Resources Learning Management System, Taleo Learn, for employees and through in-person block training.

B.2.k.3. Within 36 months of the effective date of the permit, the permittee shall incorporate good housekeeping training strategies for each of the following activities: Discharging water pumped from

construction and maintenance activities; Bulk storage of soil, compost, mulch and landscaping waste stockpiles; and Preventing pollutant discharge into the MS4 from leaking permittee-owned or operated vehicles and equipment. Leaked fluids shall be cleaned up and disposed of properly, as soon as possible but no later than 24 hours after discovery.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City has developed a *Stormwater Pollution Prevention Good Housekeeping Manual* that includes best management practices that address these activities.

B.2.k.5. The permittee shall ensure that employees, and require that contractors, who apply pesticides and herbicides are properly trained or certified per the Virginia Pesticide Control Act (§ 3.2-3900 et seq. of the Code of Virginia). The requirements of the Virginia Pesticide Control Act are established by the Virginia Pesticide Control Board.

- Specific Reporting Requirements: None
- Responsible Party: OFM-OPS, PAR-LS, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City identifies the appropriate staff positions to receive this training. The City meets this permit requirement by utilizing third party training and certification for employees and contractors from VDACS or other state certified programs. Applicable persons are required to receive and maintain training as specified by the certifying agency.

B.2.k.6-7. The permittee shall have a program to ensure that City plan reviewers, inspectors, program administrators and construction site operators (e.g., responsible land disturber) are trained and obtain the appropriate certifications to the extent required under the Virginia Erosion and Sediment Control Law and attendant regulations. The permittee shall have a program to ensure that the applicable City employees obtain the appropriate certifications as required under the Virginia Stormwater Management Act and its attendant regulations to implement the modified stormwater management design criteria.

- Specific Reporting Requirements: None
- Responsible Party: OFM-FDC, PLN-DSC, PLN-PI, PUD-ENG, PWD-ENG-CS, PWD-ENG-SWMR, PWD-OPS-OM, PWD-OPS-SWO
- Corresponding Element of Program Plan: The City identifies the appropriate staff positions to receive this training. The City meets the permit requirement by utilizing third party training and certification for City staff from DEQ or other state certified programs. Applicable persons are required to receive and maintain training as specified by the certifying agency. The City maintains a training and certification log to ensure that applicable staff maintain the required certifications.

B.2.k.9. The appropriate emergency response employees shall have training in spill response. A summary of the training and/or certification program provided to emergency response employees shall be included in the first annual report.

- Specific Reporting Requirements: *The initial annual report shall include documentation of employee emergency spill response training and/or certification.*

- Responsible Party: FIR-OP
- Corresponding Element of Program Plan: The City's Fire Department provides emergency spill response, and all personnel are required to attend a 24-32 hour Hazardous Materials Operations course. Depending on the employment position, additional training is taken as appropriate. The City maintains documentation of emergency spill response training and/or certification.

B.2.k.10. Documentation shall be kept of all training events including the training date, number of employees attending the training, and the objective of the training event for a period of three years after each training event. Additionally, all events shall be listed in the annual report for the year in which the training event occurred.

- Specific Reporting Requirements: *Each annual report shall include a list of training events, the date and the estimated number of individuals attending each event.*
- Responsible Party: FIR, HRD, POL, SCH
- Corresponding Element of Program Plan: The City will maintain documentation for all City-sponsored training events and records of attendance for a minimum of three years in the City's Learning Management System, Taleo Learn. When training is tracked in an alternative Learning Management System, that department is responsible for tracking training and providing reporting.

B.2.l. Dry Weather Screening Program

The permittee shall continue ongoing efforts to detect the presence of illicit connections and unauthorized discharges to the permittee's MS4.

B.2.l.1.-6. The permittee shall continue to implement a program of dry weather screening in areas of concern as identified by the permittee including but not limited to: commercial car washes, car dealerships, pet kennels, restaurants, areas with a history of complaints, and areas upstream of sensitive ecosystems. The permittee shall screen at a minimum, 50 stations (outfalls) each year. B.2.l.2. Criteria for selection of outfalls to be screened as required by Part I.B.2.l)1) shall include but is not limited to the following: List of sites requiring further investigation, as previously identified; Age and density of development with the likelihood of illicit connections such as older residential, commercial and industrial areas; Stations (outfalls) representing the general land uses of the City of Virginia Beach; B.2.l.3. The permittee may adopt a risk-based approach to dry weather screening identifying observation points based upon illicit discharge risks upstream of a station (outfall). Observation points may include points of interconnection, manholes, points of discharge, conveyances, or inlets suspected to have a high likelihood of receiving illicit discharges; B.2.l.4. Each observation point screened may be counted as one station (outfall) screening activity equivalent and counted towards the requirements of Part I.B.2.l)1), however, at least 50% of the minimum annual screening events must include outfall screening; B.2.l.5. Illicit discharges reported by the public and subsequent investigations may not be counted as screening events; however, once the resolution of the investigation and the date the investigation was closed has been documented, an observation point may be established for future screening events; and B.2.l.6. The permittee's dry weather screening program shall use a checklist or mechanism to track the following information for dry weather screening events: The unique outfall identifier for the outfall or observation point; Indication a minimum of 72 hours has passed since the last precipitation event; Site descriptions (e.g., conveyance type and dominant watershed land uses); Observed indicators of possible illicit

discharge events such as, floatables, deposits, stains, and vegetative conditions (e.g., dying or dead vegetation, excessive vegetative growth, etc.); Whether or not a discharge was observed; If a discharge was observed, the visual characteristics of the discharge (e.g., odor, color, clarity) and the physical condition of the outfall; and For observation points, the location, downstream outfall unique identifier, and risk factors or rationale for establishing the observation point.

- Specific Reporting Requirements: *Each annual report shall include a list of locations upon which dry weather screening was conducted, the results and any follow-up actions including maintenance and/or repair of infrastructure or outfalls performed as a result of the dry weather screening.*
- Responsible Party: PWD-ENG-SWMR, PWD-OPM-OM
- Corresponding Element of Program Plan: The City continues to implement an enhanced dry weather screening program. The City screens a minimum of 50 stations annually to satisfy this permit section. The City also screens an additional 50 stations to support implementation of the Bacterial TMDL Action Plan. The City also screens outfalls associated with City Facility SWPPPs. Inspections include outfall inspection (or station where tidal influence does not allow for outfall inspection), in-situ sampling, source tracking, and source identification. Identified illicit discharges are processed through the Illicit Discharge Program. Outfall station selection includes procedures to identify a minimum number of outfalls or stations that meet the areas of concern listed in the requirements. The City also selects sites across the watersheds within the City and prioritizes sites that have not been screened before, except for locations where historical exceedances have occurred. Infrastructure maintenance needs are reported to PWD-OPM-OM for investigation and to perform identified maintenance and/or repairs.

B.2.m. Infrastructure Coordination

The permittee shall coordinate with the Virginia Department of Transportation (VDOT) regarding issues of MS4 physical-interconnectivity as described below:

B.2.m.1.-9. Annual Coordination Meeting – The permittee shall meet annually with VDOT for purposes of overall coordination on priority issues for the permittee's MS4 Program Plan (including operations and maintenance elements) and TMDL action planning relevant to the interconnectivity of the MS4s. B.2.m.2. Mapping – The permittee shall inform VDOT of the status of its mapping program, identifying any uncertainty regarding ownership or actual location of MS4 components associated with the physically-interconnected MS4s, and working to resolve such uncertainty. The permittee shall coordinate with VDOT to identify any areas within the permittee's municipal boundaries that drain to the VDOT MS4. B.2.m.3. Chesapeake Bay TMDL Action Plans – The permittee shall inform VDOT of the means, methods, and schedule by which the permittee will implement the reductions required by the Chesapeake Bay TMDL Special Condition (Part I.D.1) when those means and methods may impact the physically-interconnected MS4s. The parties are encouraged to cooperate with one another where the siting or design of best management practices (BMPs) may be accelerated or otherwise improved by mutual cooperation. B.2.m.4. The permittee shall coordinate with VDOT to identify any areas within the permittee's municipal boundaries that drain to the VDOT MS4 and are unaccounted for in the Chesapeake Bay TMDL Action Plan developed by VDOT or the permittee. The unaccounted areas shall be quantified (acres) in the Chesapeake Bay TMDL Action Plan submitted by the permittee. B.2.m.5. Other TMDL Action Plans – The permittee shall inform VDOT of TMDL Action Plans and major milestones

implemented for other (i.e., non-Chesapeake Bay) TMDLs when those plans may impact the physically-interconnected MS4s. The parties are encouraged to cooperate with one another where the siting or design of BMPs may be accelerated or improved by mutual cooperation. B.2.m.6. Credit for TMDL Implementation – Permit specific BMP retrofit requirements shall not be double-counted in the calculation of load reductions. If the permittee undertakes the project, the permittee shall be entitled to full credit for the project, but may share credit with VDOT on mutually agreeable terms, which shall be in writing. B.2.m.7. Illicit Discharge Detection & Elimination – The permittee shall continue to be responsible for implementing a program for illicit discharge detection and elimination, including dry weather field screening, for the permittee's portion of the physically-interconnected MS4. As part of the annual coordination meeting, described in item (1) above, the permittee shall coordinate with VDOT on the identification of high risk industrial facilities. The permittee shall establish procedures for notifying VDOT when an illicit discharge is identified in the VDOT MS4. B.2.m.8. Water Quality Monitoring – The permittee shall conduct water quality monitoring as required by PartI.B.2.l) and Part I.C of this state permit. The permittee shall make available to VDOT all monitoring data collected from areas where the physically-interconnected MS4 discharges to the VDOT MS4 or received flow from the VDOT MS4. The permittee and VDOT are encouraged to cooperate with one another to establish a joint monitoring network. B.2.m.9. Annual Reports – As part of its Annual Report, the permittee shall document any coordination efforts with VDOT that occurred during the reporting year pursuant to requirements (1) through (8) above.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City conducts an annual meeting with VDOT to coordinate issues relevant to the interconnectivity of the MS4s. The meeting agenda includes the topics identified in Sections I.B.2.m. The City has completed the MS4 service area mapping for VDOT within the city limits and provided the GIS data to VDOT for the two interstate highways, I-64 and I-264. There are no unaccounted areas in the Chesapeake Bay watershed.

Part 1.C Monitoring Requirements

C.1. In-System/Wet Weather Monitoring

The permittee shall continue to implement an in-system monitoring program to characterize the stormwater discharged and loading of pollutants associated with various land uses. The permittee shall implement trend analysis monitoring program of the nutrients and suspended solids in stormwater discharged to the MS4. They will also identify the predominant sources of nutrient and suspended solids pollutants, including the contaminant transport pathways and spatial variability of inputs.

C.1.a.-e. To be consistent with the previous permit and continue the existing monitoring program, the two (2)stormwater monitoring sites within the City designated as part of the Hampton Roads Stormwater Monitoring Network shall continue to be used for monitoring during the term of this permit. C.1.b. To expand on the existing program to conduct a trend analysis, additional samples will be collected on a fixed monthly interval, at a minimum of once per month between January 1st and December 31st at each monitoring location. C.1.c. For the existing program and for trend analysis, monitoring shall be performed for the following parameters: Temperature, Total Suspended Solids, Ammonia as Nitrogen, Nitrate plus Nitrite Nitrogen, Total Kjeldahl Nitrogen, Total Nitrogen (calculated),

Orthophosphate, and Total Phosphorus. C.1.d. To better identify sources, a desktop GIS analysis will be conducted within each watershed to identify sources and conduct a mass input analysis, and nutrient and sediment speciation monitoring shall be performed for the following parameters: Dissolved Organic Phosphorus (DOP), Dissolved Organic Nitrogen (DON), Volatile Suspended Solids (VSS), and Nitrate Isotopes (for one year only). C.1.e. Monitoring for the parameters listed in Part I.C.1.c) shall be in accordance with Part III.A. of this state permit except as follows: Orthophosphate: Filtering shall be performed upon acceptance of the sample by the laboratory; Orthophosphate: The maximum holding time of the sample is 28 days after immediate freezing; and Preservation of Nitrate plus Nitrite, Ammonia as Nitrogen, Total Kjeldahl Nitrogen, and Total Phosphorus shall be performed upon acceptance of the sample by the laboratory.

- Specific Reporting Requirements:
  - *The initial annual report shall include the list of sites to be monitored during the term of the state permit, copies of any related USGS quarterly monitoring reports, and all monitoring protocols (e.g., the existing program, trend analysis, mass input analysis, and nitrate isotope monitoring).*
  - *In the second year of the permit cycle, the annual report shall include the results of the USGS GIS mass input analysis of estimate constituent input sources report, to include the interpretation completed by the USGS. This will be the only year these results are reported.*
  - *In the second year of the permit cycle, the annual report shall include the results of the nitrate isotope monitoring and analysis, to include the interpretation completed by the USGS. This will be the only year these results are reported.*
  - *In the final year of the permit cycle, the annual report shall include the results of the trend analysis to include the interpretation completed by the USGS. This will be the only year these results are reported.*
  - *Each annual report shall include a summary of the monitoring results from each sampling protocol and analyses and an interpretation of that data with respect to either the identification of long-term patterns and trends or the progress made towards the identification of said patterns and trends.*
- Responsible Party: HRPDC, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City implements an in-system monitoring program to characterize the stormwater discharged from the public stormwater system, identify pollutants of concern, and determine loading associated with land uses. The program is implemented through contract with the HRPDC, USGS, and HRSD. There are two long term monitoring stations within the City which include a continuous-record stream gage, continuous-record water-quality monitor (measuring water temperature, specific conductance, and turbidity), and an automatic stream-water sampler for the collection of stormflow samples. Water quality sampling for nutrients and suspended solids is conducted during stormflow events to support the calculation of loads. The sampling for mass input analysis and nitrate isotope analysis occurs only for the year two reporting. The two sites within the City are located at a storm drain near Lindsley Drive and Ludlow Drive. The link to the website with all associated data is: http://va.water.usgs.gov/HRstormwater/index.html.

Part 1.D. TMDL Action Plan and Implementation

D.1. Chesapeake Bay Special Condition

D.1.b. Reduction Requirements – Existing Development: Following a phased approach, the permittee shall reduce the load of total nitrogen and total phosphorous from existing sources within the MS4 service area by at least 40% of the Level 2 Scoping Run reductions by June 30, 2026, and 100% of the reductions by June 30, 2028.

D.1.m. Chesapeake Bay TMDL action plan implementation - The permittee shall implement the TMDL action plan required in Part I.D.1.i) of this permit according to the schedule therein. Compliance with this requirement represents adequate progress for this permit term towards achieving TMDL waste load allocations consistent with the assumptions and requirements of the TMDL.

- Specific Reporting Requirements: *The permittee shall submit an updated Chesapeake Bay TMDL action plan for the cumulative 40% reductions required in Part I.D.1.b) and c) within 12 months of the permit effective date. The permittee shall submit an updated Chesapeake Bay TMDL action plan for the cumulative 100% reductions required in Part I.D.1.b) and c) by June 30, 2026.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City submitted the 2026 Chesapeake Bay TMDL Action Plan which addresses the 40% and 100% reduction requirements. The plan is posted on the website Stormwater Quality | City of Virginia Beach. The City implements the action plan and reports on actions associated with the implementation in the Annual Report.

D.2. TMDL Action Plans other than the Chesapeake Bay TMDL

D.2.a. The Permittee shall update, as necessary, and maintain a local TMDL action plan designed to reduce loadings for pollutants of concern if the permittee discharges the pollutants of concern to an impaired water for which a TMDL has been approved by the U.S. Environmental Protection Agency (EPA) as described in Part I.D.2.a 1 and 2.

D.2.b. The permittee shall complete implementation of the TMDL action plans as determined by the schedule. TMDL action plans may be implemented in multiple phases over more than one permit cycle using the adaptive iterative approach provided adequate progress is achieved in the implementation of BMPs designed to reduce pollutant discharges in a manner that is consistent with the assumptions and requirements of the applicable TMDL.

- Specific Reporting Requirements: *For TMDLs approved by EPA prior to April 1, 2015 and in which an individual or aggregate wasteload has been allocated to the permittee(see Attachment 3 to the Fact Sheet), the permittee shall develop and initiate or update as applicable the local TMDL action plans to meet the conditions of Part I.D.2.c, d, e, f, and g, as applicable, no later than 18 months after the permit effective date and continue implementation of the action plan.*
- Responsible Party: PUD-ENG, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City submitted the 2025 Local Bacteria TMDL Action Plan and the 2025 Local Phosphorus TMDL Action Plan. The plans are posted on the website at Stormwater Quality | City of Virginia Beach. The City implements the local TMDL action plans and reports on actions associated with the implementation in the Annual Report.

Part 1.E. Annual Reporting

E.1. The permittee shall submit the annual report to the Department, no later than October 1st of each year. The report shall cover the previous fiscal year from July 1st to June 30th.

- Specific Reporting Requirements: Stated above
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City submits the annual report by October 1st of each year and includes each element required by the permit.

Part II DEQ BMP Warehouse Reporting

A. For the purpose of Part II of this permit, best management practice or BMP means a practice that achieves quantifiable nitrogen, phosphorus, or total suspended solids reductions including stormwater management facilities, ecosystem restoration projects, annual practices, and other practices approved by the Department for reducing nitrogen, phosphorus, and total suspended solids pollutants. Facilities that solely provide peak flow control as required by the City Code are excluded from the requirements of this section. Inspection and maintenance requirements for these facilities shall be in accordance with all applicable state and local ordinances, regulations, and statutes. In addition, ecosystem restoration projects shall be inspected and maintained in accordance with the protocols developed by the Chesapeake Bay Program or inspection and maintenance plans developed in accordance with the department's Stormwater Local Assistance Fund guidelines.

B. No later than October 1 of each year the permittee shall electronically report new BMPs implemented and inspected as applicable between July 1 and June 30 of each year using the DEQ BMP Warehouse.

B.1.-5. The permittee shall use the DEQ Construction Stormwater Database or other application as specified by the Department to report each stormwater management facility installed after July 1, 2014, to address the control of post-construction runoff from land disturbing activities for which the permittee is required to obtain a General VPDES Permit for Discharges of Stormwater from Construction Activities. B.2. The permittee shall use the associated reporting template for stormwater management facilities not reported in accordance with Part II.B.1 including stormwater management facilities installed to control post-development stormwater runoff from land disturbing activities less than one acre in accordance with the Chesapeake Bay Preservation Act regulations (9VAC25-830) if applicable and for which a General VPDES Permit for Discharges of Stormwater from Construction Activities was not required. B.3. The permittee shall use the DEQ BMP Warehouse to report BMPs that were not reported in accordance with Part II.B.1 or B.2 and were implemented as part of a TMDL action plan to achieve nitrogen, phosphorus, and total suspended solids reductions in accordance with Part I.D.1 or 2. B.4. The permittee shall use the DEQ BMP Warehouse to report any BMPs that were not reported in accordance with Part II.B,1, 2 or 3. B.5. The permittee shall use the DEQ BMP Warehouse to report the most recent inspection date for BMPs in accordance with Part I.B.2.h)1) or 2), or in accordance with Part I.D and the most recent associated TMDL action plan.

C. The following information for each new BMP reported in accordance with Part II.B.1, 2, 3, or 4 shall be reported to the DEQ BMP Warehouse as applicable: The BMP type; The BMP location as decimal degree latitude and longitude; The acres treated by the BMP, including total acres and impervious acres; The date the BMP was brought online (MM/YYYY). If the date brought online is not known, the permittee

shall use 06/2005; The 6th Order Hydrologic Unit Code in which the BMP is located; Whether the BMP is owned or operated by the permittee or privately owned; Whether or not the BMP is part of the permittee's Chesapeake Bay TMDL action plan required in Part I.D.1 or local TMDL action plan required in Part I.D.2, or both; If the BMP is privately owned, whether a maintenance agreement exists; The date of the permittee's most recent inspection of the BMP; and Any other information specific to the BMP type required by the DEQ BMP Warehouse (e.g., linear feet of stream restoration).

D. No later than October 1 of each year, the permittee shall electronically report the most recent inspection date for any existing BMP that was previously reported and re-inspected between July 1 and June 30 using the BMP Warehouse. If an existing BMP has not been previously reported, the BMP shall be reported as new in accordance with Part II.B.1, 2, 3, or 4 and Part II.C.

E. No later than October 1 of each year the DEQ BMP Warehouse shall be updated if an existing BMP is discovered between July 1 and June 30 that was not previously reported to the DEQ BMP Warehouse.

- Specific Reporting Requirements: *No later than October 1 of each year the DEQ BMP Warehouse shall be updated per the above requirements.*
- Responsible Party: PWD-ENG-SWMR, PWD-OPS-OM
- Corresponding Element of Program Plan: All known BMPs that achieve quantifiable nitrogen, phosphorus, or total suspended solids reductions are reported through the DEQ BMP Warehouse. BMPs include stormwater management facilities, ecosystem restoration projects, and annual practices that control post-development stormwater runoff or are implemented as part of a TMDL action plan. The City accepted DEQ's 2025 procedural change to opt out of the automatic transfer by DEQ of BMPs reported through the DEQ Construction Stormwater Database. Required data for each BMP are maintained in the City's GIS and work management systems. Data for new BMPs, existing BMPs not previously reported, and previously reported BMPs needing data updates are included in DEQ's BMP Warehouse templates and uploaded no later than October 1 of each year.

Part III Conditions Applicable to All VPDES MS4 Permits

A-C. Monitoring, Records, and Reporting Monitoring Results

A. Monitoring - Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. Monitoring shall be conducted according to procedures approved under 40 CFR Part 136 or alternative methods approved by the U.S. Environmental Protection Agency, unless other procedures have been specified in this state permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals that will ensure accuracy of measurements. Samples taken as required by this state permit shall be analyzed in accordance with 1VAC30-45, Certification for Noncommercial Environmental Laboratories, or 1VAC30-46, Accreditation for Commercial Environmental Laboratories.

B. Records - Monitoring records/reports shall include: The date, exact place, and time of sampling or measurements; The individual(s) who performed the sampling or measurements; The date(s) and time(s) analyses were performed; The individual(s) who performed the analyses; The analytical techniques or methods used; and The results of such analyses. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for

continuous monitoring instrumentation; copies of all reports required by this state permit; and records of all data used to complete the registration statement for this state permit, for a period of at least 3 years from the date of the sample, measurement, report or request for coverage. This period of retention shall be extended automatically during the course of any unresolved litigation regarding the regulated activity or regarding control standards applicable to the permittee, or as requested by the Department.

C. Reporting Monitoring Results- The permittee shall submit the results of the monitoring required by this state permit with the annual report unless another reporting schedule is specified elsewhere in this state permit. Monitoring results shall be reported on a Discharge Monitoring Report (DMR) or on forms provided, approved or specified by the Department; or in any format provided that the date, location, parameter, method, and result of the monitoring activity are included. Following notification from the Department of the start date for the required electronic submission of monitoring reports, as provided for in 9VAC25-31-1020, such forms and reports submitted after that date shall be electronically submitted to the Department in compliance with this section and 9VAC25-31-1020. There shall be at least three months' notice provided between the notification from the Department and the date after which such forms and reports must be submitted electronically.

If the permittee monitors any pollutant specifically addressed by this state permit more frequently than required by this state permit using test procedures approved under 40 CFR Part 136 or using other test procedures approved by the U.S. Environmental Protection Agency or using procedures specified in this state permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or reporting form specified by the Department. Calculations for all limitations that require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this state permit.

- Specific Reporting Requirements: None in this section
- Responsible Party: HRPDC, PWD-ENG-SWMR, PWD-WM-OPS
- Corresponding Element of Program Plan: The City submits DMRs to the Department for the VPDES permits as needed. The City maintains monitoring record information as required. The City implements in-system monitoring required by this state permit. Monitoring is implemented through contract with the HRPDC, USGS, and HRSD. Monitoring results are reported online on the USGS website. http://va.water.usgs.gov/HRstormwater/index.html.

E. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this state permit shall be submitted no later than 14 days following each schedule date.

- Specific Reporting Requirements: None
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: Reports will be submitted no later than 14 days following each schedule date as requested.

G. Reports of Unauthorized Discharges

Any operator of a regulated MS4 who discharges or causes or allows a discharge of sewage, industrial waste, other wastes or any noxious or deleterious substance or a hazardous substance or oil in an

amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117 or 40 CFR Part 302 that occurs during a 24-hour period into or upon surface waters; or who discharges or causes or allows a discharge that may reasonably be expected to enter surface waters, shall notify the Department of the discharge immediately upon discovery of the discharge, but in no case later than within 24 hours after said discovery. A written report of the unauthorized discharge shall be submitted to the Department, within five days of discovery of the discharge. The written report shall contain: A description of the nature and location of the discharge; The cause of the discharge; The date on which the discharge occurred; The length of time that the discharge continued; The volume of the discharge; If the discharge is continuing, how long it is expected to continue; If the discharge is continuing, what the expected total volume of the discharge will be; and Any steps planned or taken to reduce, eliminate and prevent a recurrence of the present discharge or any future discharges not authorized by this state permit. Discharges reportable to the Department under the immediate reporting requirements of other regulations are exempted from this requirement.

- Specific Reporting Requirements: *Initial 24-hr notification and written report within 5 days of discovery of the unauthorized discharge.*
- Responsible Party: FIR, PUD-ENG, PWD-ENG-SWMR, PWD-OPS-OM
- Corresponding Element of Program Plan: The City follows reporting procedures to notify DEQ by verbal or on-line notification within 24 hours of knowledge of reportable spills, and written notification within five days of the initial notification. The required data for reporting is maintained by the City.

H. Reports of Unusual or Extraordinary Discharges

If any unusual or extraordinary discharge including "bypass" or "upset", as defined herein, should occur from a facility and the discharge enters or could be expected to enter surface waters, the permittee shall promptly notify, in no case later than 24 hours, the Department by telephone after the discovery of the discharge. This notification shall provide all available details of the incident, including any adverse affects on aquatic life and the known number of fish killed. The permittee shall produce a written report and submit it to the Department within five days of discovery of the discharge in accordance with Part III.I.2. Unusual and extraordinary discharges include but are not limited to any discharge resulting from: Unusual spillage of materials resulting directly or indirectly from processing operations; Breakdown of processing or accessory equipment; Failure or taking out of service some or all of the facilities; and Flooding or other acts of nature.

- Specific Reporting Requirements: *Initial 24-hr notification and written report within 5 days of discovery of the unauthorized discharge.*
- Responsible Party: FIR, PUD-ENG, PWD-ENG-SWMR, PWD-OPS-OM
- Corresponding Element of Program Plan: The City will provide notification of any unusual or extraordinary discharges because of flooding or other acts of nature.

I. Reports of Noncompliance

The permittee shall report any noncompliance, which may adversely affect surface waters or may endanger public health.

I.1.-4. A report shall be provided within 24 hours to the Department from the time the permittee becomes aware of the circumstances. The following shall be included as information, which shall be reported within 24 hours under this paragraph: Any unanticipated bypass; and Any upset which causes a discharge to surface waters. I.2. A written report shall be submitted within 5 days and shall contain: A description of the noncompliance and its cause; The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The Department or its designee may waive the written report on a case-by-case basis for reports of noncompliance under Part III.I if the report has been received within 24 hours and no adverse impact on surface waters has been reported. I. 3. The permittee shall report all instances of noncompliance not reported under Part III.I.2 in writing at the time the next monitoring reports are submitted. The reports shall contain the information listed in Part III: The immediate (within 24 hours) reports required in Parts III G, H and I may be made to the Department's Regional Office. Pollution Response Program as found at https://www.deq.virginia.gov/our-programs/pollution-response/pollution-data-and-reporting. Reports may be made by telephone or by fax. For reports outside normal working hours, leave a message and this shall fulfill the immediate reporting requirement. For emergencies, the Virginia Department of Emergency Services maintains a 24 hour telephone service at 1-800-468-8892. I.4. Whenever the permittee becomes aware of a failure to submit any relevant facts, or submitted incorrect information in any report to the Department, it shall promptly submit such facts or information.

- Specific Reporting Requirements: *Initial 24-hr notification and written report within 5 days of discovery of the unauthorized discharge.*
- Responsible Party: FIR, PUD-ENG, PWD-ENG-SWMR, PWD-OPS-OM
- Corresponding Element of Program Plan: The City follows reporting procedures to notify DEQ by verbal or on-line notification within 24 hours of knowledge of noncompliance which may adversely impact surface waters or may endanger human health, and written notification within five days of the initial notification. The required data for reporting is maintained by the City.

K. Signatory Requirements

K.1.-4. Permit Applications. All permit applications shall be signed as follows: For purposes of this subsection, a principal executive officer of a public agency includes: The chief executive officer of the agency, or A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency. K.2. Reports, etc. All reports required by permits, and other information requested by the Department shall be signed by a person described in Part III.K.1, or by a duly authorized representative of that person. A person is a duly authorized representative only if: The authorization is made in writing by a person described in Part III.K.1; The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the operator. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and The written authorization is submitted to the Department. K.3. Changes to authorization. If an authorization under Part III.K.2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Part III.K.2 shall be submitted to the Department prior to or together with

any reports, or information to be signed by an authorized representative. K.4. Certification. Any person signing a document under Parts III.K.1 or 2 shall make the following certification: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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."

- Specific Reporting Requirements: None
- Responsible Party: CMO, PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City will ensure that documents submitted to DEQ meet the signatory requirements of this section. The City has submitted written authorization for delegation of authorization.

M. Duty to Reapply

If the permittee wishes to continue an activity regulated by this state permit after the expiration date of this state permit, the permittee shall submit a completed EPA Form 1, an updated MS4 Program Plan including benchmarks and milestones for the next permit cycle at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the Department. The Department shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

- Specific Reporting Requirements: *Application submittal.*
- Responsible Party: PWD-ENG-SWMR
- Corresponding Element of Program Plan: The City will submit the required information for reapplication at least 180 days prior to permit expiration.

Q. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this state permit. Proper operation and maintenance also includes effective plant performance, adequate funding, adequate staffing, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems, which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of this state permit.

- Specific Reporting Requirements: None
- Responsible Party: PWD-OPM-SWO
- Corresponding Element of Program Plan: The City properly operates and maintains all stormwater treatment and control facilities that achieve compliance with this permit.

R. Disposal of Solids or Sludges

Solids, sludges or other pollutants removed in the course of treatment or management of pollutants shall be disposed of in a manner so as to prevent any pollutant from such materials from entering surface waters.

- Specific Reporting Requirements: None
- Responsible Party: PWD-OPM-SWO, PWD-ENG
- Corresponding Element of Program Plan: The City properly disposes of solids removed from stormwater systems to prevent reentry into surface waters.

Appendix A
Legal Authority

The City's ordinances are listed on Municode (www.municode.com). All referenced ordinances include a direct link to the referenced City of Virginia municipal code.

Permit Section Part I.A.1.b.3. Ordinance addressing non-stormwater discharges.

Appendix H – Storm Sewer System Discharge Ordinance Sec. 5 Prohibitions.

Permit Section Part I.A.3.a-c. Legal authority to control discharges to and from the MS4

Chapter 6 - BEACHES, BOATS AND WATERWAYS

Chapter 28 - SEWERS AND SEWAGE DISPOSAL

Chapter 31 - SOLID WASTE

APPENDIX H - STORM SEWER SYSTEM DISCHARGE ORDINANCE

Permit Section Part I.A.3.d. Ordinance(s) that require compliance with MS4 discharge regulation

Chapter 6 – Beaches, Boats, and Waterways Sec. 6-1. - Violations of chapter generally.

ARTICLE I. - IN GENERAL Sec. 6-29. - Appointment of persons to enforce article I;

Chapter 28 – Sewers and Sewage Disposal Sec. 28-70. – Violations and Penalties;

Chapter 28 - SEWERS AND SEWAGE DISPOSAL Sec. 28-70.1. – Civil Penalties; scheduled violations

Chapter 31 - SOLID WASTE Sec. 31-2. - Administration and enforcement of chapter.

Chapter 31 - SOLID WASTE Sec. 31-2.1. - Notice of violation, summons—Authority to issue.

Chapter 31 - SOLID WASTE Sec. 31-2.2. - Notice of violation, summons—Method of issuance.

Chapter 31 - SOLID WASTE Sec. 31-3. - Violations of chapter.

Chapter 31 - SOLID WASTE Sec. 31-3.1. - Civil penalties

Chapter 31 - SOLID WASTE Sec. 31-10. - Unlawful storage and deposits generally; littering.

APPENDIX H - STORM SEWER SYSTEM DISCHARGE ORDINANCE Sec. 7. – Penalties.

Permit Section Part I.A.3.e. Ordinance(s) specifying City authority to carry out inspection, surveillance, and monitoring procedures

Chapter 28 - SEWERS AND SEWAGE DISPOSAL Sec. 28 -69. - Inspections.

APPENDIX H - STORM SEWER SYSTEM DISCHARGE ORDINANCE Sec. 6. - Inspections and monitoring.

Permit Section Part I.B.2.a.1. Ordinance(s) for local erosion and sediment control and post-construction stormwater management.

APPENDIX D - EROSION AND STORMWATER MANAGEMENT

Permit Section Part I.B.2.a.2. Ordinance(s) for erosion and sediment control and stormwater management more stringent than required by Virginia regulations

APPENDIX D - EROSION AND STORMWATER MANAGEMENT

APPENDIX G - SOUTHERN RIVERS WATERSHED MANAGEMENT ORDINANCE Sec. 7 Performance Standards for erosion and sediment control (a) and stormwater quantity (d)

Permit Section Part I.B.2.e. Ordinance(s) prohibiting discharges to the MS4 which are not authorized by the permit

APPENDIX H - STORM SEWER SYSTEM DISCHARGE ORDINANCE Sec. 7. - Penalties.

Permit Section Part I.B.2.e.1. Ordinance(s) identifying additional non-stormwater discharges where the City has imposed any conditions

The City has not imposed additional conditions currently. If additional conditions are imposed in the future, they will be added to the Program Plan and identified in Appendix A.

Permit Section Part I.B.2.e.4. Ordinance(s) prohibiting dumping of used motor vehicle fluids, household hazardous wastes, sanitary sewage, grass clippings, leaf litter, and animal wastes into the MS4

Chapter 5 - ANIMALS AND FOWL Sec. 5-534. – Allowing dogs or horses to urinate or defecate on public or private property

Chapter 6 - BEACHES, BOATS AND WATERWAYS Sec. 6-5(g); Pet waste prohibitions and control

Chapter 28 - SEWERS AND SEWAGE DISPOSAL Sec. 28-66. – Prohibited discharges

Chapter 31 - SOLID WASTE Sec. 31-10. – Unlawful storage and deposits generally; littering

APPENDIX H - STORM SEWER SYSTEM DISCHARGE ORDINANCE Sec. 5. – Prohibitions