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STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

for

Project Name

located in
City of Fredericksburg, Virginia

Developed in compliance with:
General VPDES Permit for Discharges of Stormwater from Construction
Activities (9VAC25-880)

CONSTRUCTION ACTIVITY OPERATOR

(As identified on the Registration Statement, pursuant to part Part III K. 1. Of 9VAC25-880-70)

Name: _____

Title: _____

Company: _____

Phone #: _____

Fax #: _____

E-mail: _____

I certify the individual or position named above has the delegated authority to sign inspection reports and/or amend or modify this SWPPP.

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

CONSTRUCTION ACTIVITY OPERATOR

Signature: _____ Date: _____

Name: _____

Title: _____

REQUIRED SWPPP COMPONENTS

In accordance with the *General VPDES Permit for Discharges of Stormwater from Construction Activities*, the SWPPP must include the following information:

1. General Information
 - a. A signed copy of the registration statement for coverage under the GCP;
 - b. Upon receipt, a copy of the notice of coverage under the GCP (i.e., notice of coverage letter);
 - c. Upon receipt, a copy of the GCP;
 - d. A narrative description of the nature of the construction activity, including the function of the project (e.g., low density residential, shopping mall, highway, etc.);
 - e. A legible site plan identifying:
 - 1) Directions of stormwater flow and approximate slopes anticipated after major grading activities;
 - 2) Limits of land disturbance including steep slopes and natural buffers around surface waters that will not be disturbed;
 - 3) Locations of major structural and nonstructural control measures including sediment basins and traps, perimeter dikes, sediment barriers, and other measures intended to filter, settle, or similarly treat sediment that will be installed between disturbed areas and the undisturbed vegetated areas, in order to increase sediment removal and maximize stormwater infiltration;
 - 4) Locations of surface waters;
 - 5) Locations where concentrated stormwater is discharged;
 - 6) Locations of support activities, when applicable and when required by the VSMP authority, including but not limited to: (i) areas where equipment and vehicle washing, wheel wash water, and other wash water is to occur; (ii) storage areas for chemicals such as acids, fuels, fertilizers and other lawn care chemicals; (iii) concrete wash out areas; (iv) vehicle fueling and maintenance areas; (v) sanitary waste facilities, including those temporarily placed on the construction site; and (vi) construction waste storage; and
 - 7) When applicable, the location of the on-site rain gauge, or the methodology established in consultation with the VSMP authority, used to identify measurable storm events for inspection purposes.
2. An Erosion and Sediment Control (ESC) Plan developed and approved in accordance with Chapter 8 of this manual.
3. A Stormwater Management (SWM) Plan developed and approved in accordance with Chapter 9 of this manual.

4. A Pollution Prevention Plan (PPP) developed and implemented in accordance with Chapter 10 of this manual.
5. Information demonstrating compliance with the Total Maximum Daily Load (TMDL) Requirements described in section Chapter 11 of this manual.
6. Qualified personnel responsible for conducting on-site and off-site inspections required by the GCP shall be identified by the Operator in the SWPPP. The Operator is responsible for insuring that the qualified personnel conduct inspections.
7. The SWPPP must identify individuals or positions with delegated authority to sign inspection reports and/or amend or modify the SWPPP.
8. The SWPPP shall be signed and dated in accordance with the signatory requirements.
9. The SWPPP must contain documentation of all amendments, modifications, and updates.
10. The SWPPP must include documentation of inspections conducted in accordance with the inspection requirements.
11. The SWPPP must contain documentation of corrective actions taken in accordance with the requirements.

NARRATIVE

In accordance with the *General VPDES Permit for Discharges of Stormwater from Construction Activities*, the SWPPP must include a narrative description of the nature of the construction activity, including the function of the project (e.g., low density residential, shopping mall, highway, etc.).

Option 1 – Written Narrative

Add narrative here.

Option 2 – Fill-in-the-Blank Narrative

Nature and function of the Project:

Number of Lots created:

Location of Project:

SWPPP UPDATES

The Construction Activity Operator or duly authorized representative shall update the SWPPP to include:

- A record of dates when 1) major grading activities occur, 2) construction activities temporarily or permanently cease on a portion of the site, and 3) stabilization measures are initiated;
- Documentation of modifications and revisions to the SWPPP;
- Areas that have reached final stabilization where no further SWPPP or inspection requirements apply;
- All properties that are no longer under the legal control of the operator and the dates on which the operator no longer had legal control over each property; and
- The date, volume, and corrective/preventative actions implemented for any prohibited discharge.

The Construction Activity Operator or duly authorized representative shall update the SWPPP no later than seven (7) days following any of the situations identified above.

OPERATOR INSPECTIONS

The Construction Activity Operator or duly authorized representative(s) identified below shall provide for inspections of the permitted land-disturbing activities by the qualified personnel identified below. The inspections will be conducted (select one the following options):

- at least once every four (4) business days; or
- at least once every five (5) business days *and* no later than 24 hours following any measurable storm event.

Where areas are in a stabilized condition or runoff is unlikely due to winter conditions, the inspection frequency may be reduced to once every 30 days while these conditions exist. Otherwise, the operator(s) shall resume the regular inspection frequency identified above.

The Construction Activity Operator or duly authorized representative(s) shall provide for inspections of the permitted land-disturbing activity to ensure implementation and continued maintenance of all requirements of the Stormwater Pollution Prevention Plan (Erosion and Sediment Control Plan, Stormwater Management Plan, Pollution Prevention Plan, TMDL requirements, etc.).

Records of the required inspections must be maintained and included in the SWPPP binder. The qualified personnel shall use the Operator Inspection form provided in the SWPPP binder to document the required inspections. If inspections are conducted once every five (5) business days *and* no later than 24 hours following any measurable storm event, the location of the rain gauge used to determine the amount of rain must be included in the SWPPP and documented in the inspection report.

**DULY AUTHORIZED REPRESENTATIVES AND
REVISIONS TO DELEGATION OF AUTHORITY**

In accordance with the *General VPDES Permit for Discharges of Stormwater from Construction Activities*, the individuals or positions with delegated authority to sign inspection reports and/or amend this SWPPP must be identified. If the individual or position identified on the Title Sheet of the SWPPP changes or additional individuals or positions are given this responsibility after the preconstruction meeting occurs, the changes/additions must be noted below.

DULY AUTHORIZED REPRESENTATIVE
(pursuant to part Part III K. 2. Of 9VAC25-880-70)

Print Name: _____
Title: _____
Company: _____
Phone #: _____

I certify the individual or position named above has the delegated authority to sign inspection reports, amend or modify this SWPPP, and has 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.

CONSTRUCTION ACTIVITY OPERATOR

Signature: _____ Date: _____
Title: _____
Company: _____

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

DULY AUTHORIZED REPRESENTATIVE

Signature : _____

Date: _____

ADDITIONAL DULY AUTHORIZED REPRESENTATIVE

(pursuant to part Part III K. 2. Of 9VAC25-880-70)

Print Name: _____

Title: _____

Company: _____

Phone #: _____

I certify the individual or position named above has the delegated authority to sign inspection reports, amend or modify this SWPPP, and has 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.

CONSTRUCTION ACTIVITY OPERATOR

Signature: _____ Date: _____

Title: _____

Company: _____

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

DULY AUTHORIZED REPRESENTATIVE

Signature : _____

Date: _____

ADDITIONAL DULY AUTHORIZED REPRESENTATIVE

(pursuant to part Part III K. 2. Of 9VAC25-880-70)

Print Name: _____

Title: _____

Company: _____

Phone #: _____

I certify the individual or position named above has the delegated authority to sign inspection reports, amend or modify this SWPPP, and has 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.

CONSTRUCTION ACTIVITY OPERATOR

Signature: _____ Date: _____

Title: _____

Company: _____

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

IDENTIFICATION OF QUALIFIED PERSONNEL

In accordance with the *General VPDES Permit for Discharges of Stormwater from Construction Activities*, the individuals responsible for conducting on-site and off-site inspections must be identified. If the identified individual changes or additional individuals are given this responsibility after the preconstruction meeting occurs, the changes/additions must be noted below.

Print Name: _____

Company: _____

Address: _____

Phone #: _____

Qualifications: Responsible Land Disturber # _____

Certified ESC Inspector # _____

Certified SWM Inspector # _____

Licensed Professional (P.E., L.S., etc.)

Other: _____

Print Name: _____

Company: _____

Address: _____

Phone #: _____

Qualifications: Responsible Land Disturber # _____

Certified ESC Inspector # _____

Certified SWM Inspector # _____

Licensed Professional (P.E., L.S., etc.)

Other: _____

Print Name: _____

Company: _____

Address: _____

Phone #: _____

Qualifications: Responsible Land Disturber # _____

Certified ESC Inspector # _____

Certified SWM Inspector # _____

Licensed Professional (P.E., L.S., etc.)

Other: _____

Print Name: _____

Company: _____

Address: _____

Phone #: _____

Qualifications: Responsible Land Disturber # _____

Certified ESC Inspector # _____

Certified SWM Inspector # _____

Licensed Professional (P.E., L.S., etc.)

Other: _____

EROSION AND SEDIMENT CONTROL PLAN, STORMWATER MANAGEMENT PLAN, POLLUTION PREVENTION PLAN, AND TMDLS

Erosion and Sediment Control Plan

The preconstruction meeting was held on: _____
(date of preconstruction meeting)

An Erosion and Sediment Control (ESC) Plan was developed and approved as authorized by the Virginia Erosion and Sediment Control Regulations (9VAC25-840). When properly implemented, the approved ESC plan has been determined to adequately address the following effluent limit guidelines:

1. Controls the volume and velocity of stormwater runoff within the site to minimize soil erosion;
2. Controls stormwater discharges, including peak flow rates and total stormwater volume, to minimize erosion at outlets and to minimize downstream channel and stream bank erosion;
3. Minimizes the amount of soil exposed during the construction activity;
4. Minimizes the disturbance of steep slopes;
5. Minimizes sediment discharges from the site in a manner that addresses (i) the amount, frequency, intensity, and duration of precipitation, (ii) the nature of resulting stormwater runoff, and (iii) soil characteristics, including the range of soil particle sizes present on the site;
6. Provides and maintains natural buffers around surface waters, directs stormwater to vegetated areas to increase sediment removal, and maximized infiltration, unless infeasible;
7. Minimizes soil compaction and, unless infeasible, preserves topsoil;
8. Ensures that stabilization of disturbed areas will be initiated immediately whenever any clearing, grading, or excavating, or other land-disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 days;
9. Utilizes outlet structures that withdraw stormwater from the surface (i.e., above the permanent pool or wet storage water surface elevation), unless infeasible, when discharging from sediment basins or sediment traps.

The following individual(s) will implement and maintain the control measures identified in the ESC plan (if other than the Operator or Delegated Authority):

Name(s): _____

Company: _____

Stormwater Management Plan

A Stormwater Management Plan (SWM) plan was developed as a required component of the ECP and was approved as authorized by the Virginia Stormwater Management Program Regulations (9VAC25-870).

The following individual(s) will implement and maintain the control measures identified in the SWM plan (if other than the Operator or Delegated Authority):

Name(s): _____

Company: _____

Pollution Prevention Plan

The individuals responsible for implementing and maintaining the control measures identified in the Pollution Prevention Plan are listed in the Appendix.

Total Maximum Daily Load (TMDL) Requirements

All projects requiring coverage under the GCP are subject to the following requirements associated with discharges to impaired waters, surface waters with an applicable TMDL wasteload allocation established and approved prior to the term of this GCP, or exceptional waters:

1. Identify the impaired water(s), approved TMDL(s), pollutants of concern, and exceptional waters identified in 9VAC25-260-30.A.3.c, when applicable;
2. Provide clear direction that:
 - a. Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site;
 - b. Nutrients shall be applied in accordance with manufacturer's recommendations or an approved nutrient management plan and shall not be applied during rainfall events; and
 - c. A modified inspection schedule shall be implemented in accordance with Part I B.4 or Part I B.5.

These requirements are addressed on the Pollution Prevention Plan sheet of the ECP and in Tab 9 of the SWPPP Binder.

The following individual(s) will implement and maintain these control measures (if other than the Operator or Delegated Authority):

Name(s): _____

Company: _____

Other Incorporated Plans

The Consultant will add language briefly describing any other plans that will be used to address the project requirements (i.e., plans for off-site borrow or disposal plans, regional stormwater management plans, etc.)

OR

No other plans are incorporated by reference at time of plan approval.

Additional off-site areas to be used during construction:

Location	Plan Title	Approval Date	Purpose

POLLUTION PREVENTION PLAN INFORMATION

In accordance with Part II.B.4 of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

1. Identify potential pollutant-generating activities and pollutants expected to be exposed to stormwater;
2. Describe the location where the potential pollutant generating activity will occur;
3. Identify all authorized non-stormwater discharges that are or will be comingled with stormwater discharges from the construction activity, including any applicable support activity;
4. Identify the person responsible for implementing the pollution prevention practice(s) for each pollutant generating activity, if other than the person listed as the qualified personnel;
5. Describe pollution prevention procedures and practices that will be implemented to:
 - a. Prevent and respond to leaks, spills and other releases including (i) procedures for expeditiously stopping, containing, and cleaning up spills, leaks and other releases; and (ii) procedures for reporting leaks, spills, and other releases;
 - b. Prevent the discharge of spilled or leaked fuels and chemicals from vehicle fueling and maintenance activities (e.g., providing secondary containment such as spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available);
 - c. Prevent the discharge of soaps, detergents, solvents, and wash water from construction materials, including the cleanup of stucco, paint, form release oils, and curing compounds (e.g., providing (i) cover (e.g., plastic sheeting or temporary roofs) to prevent contact with stormwater; (ii) collection and proper disposal in a manner to contact with stormwater; and (iii) a similarly effective means designed to prevent discharge of these pollutants;
 - d. Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of washing (e.g., locating activities away from surface waters and stormwater inlets or conveyance and directing wash waters to sediment basins/traps, using filtration devices such as filter bags or sand filters or using similarly effective controls);
 - e. Direct concrete wash water into a leak-proof container or leak-proof settling basin. The container or basin must be designed so that no overflows can occur due to inadequate sizing or precipitation. Hardened concrete wastes must be removed and disposed of in a manner consistent with the handling of other construction wastes. Liquid concrete wastes must be removed and disposed of in a manner

consistent with the handling of other construction wash waters and shall not be discharged to surface waters;

- f. Minimize the discharge of pollutants from storage, handling, and disposal of construction products, materials, and wastes, including (i) building products such as asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures; (ii) pesticides, herbicides, insecticides, fertilizers, and landscape materials; and (iii) construction and domestic wastes such as packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials;
 - g. Prevent discharges of fuels, oils, and other petroleum products, hazardous or toxic waste, and sanitary wastes; and
 - h. Address any other discharges from potential pollutant generating activity not addressed above.
6. Describe procedures for providing pollution prevention awareness of all applicable wastes, including any wash water, disposal practices, and applicable disposal locations of such wastes, to personnel in order to comply with the conditions of the GCP.

The information required in Items 1, 2, and 4 can be found in Table 8.1 of this section of the SWPPP.

The information required in Item 3 can be found in Table 8.2 of this section of the SWPPP.

Table 8.2 – Authorized Non-stormwater Discharges Anticipated from the Construction Activity or Support Activities

Authorized Non-stormwater Discharges	Anticipated from the Construction Activity or support Activities (check if applicable)
Discharges from firefighting activities	<input type="checkbox"/>
Fire hydrant flushings	<input type="checkbox"/>
Waters used to wash vehicles or equipment where soaps, solvents, or detergents have not been used and the wash water has been filtered, settled, or similarly treated prior to discharge	<input type="checkbox"/>
Water used to control dust that has been filtered, settled, or similarly treated prior to discharge	<input type="checkbox"/>
Potable water sources, including uncontaminated waterline flushings	<input type="checkbox"/>
Routine external building wash down where soaps, solvents, or detergents have not been used and the wash water has been filtered, settled, or similarly treated prior to discharge	<input type="checkbox"/>
Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurs (or where all spilled or leaked material has been removed prior to washing); where soaps, solvents, or detergents have not been used; and where the wash water has been filtered, settled, or similarly treated prior to discharge	<input type="checkbox"/>
Uncontaminated air conditioning or compressor condensate	<input type="checkbox"/>
Uncontaminated ground water or spring water	<input type="checkbox"/>
Foundation or footing drains where flows are not contaminated with process materials such as solvents	<input type="checkbox"/>
Uncontaminated excavation dewatering, including dewatering of trenches and excavations that have been filtered, settled, or similarly treated prior to discharge	<input type="checkbox"/>
Landscape irrigation	<input type="checkbox"/>

TOTAL MAXIMUM DAILY LOAD INFORMATION

In accordance with Part II B.5 of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*, the SWPPP must:

1. Identify the impaired water(s), approved TMDL(s), pollutants of concern, and exceptional waters identified in 9VAC25-260-30.A.3.c; and
2. Provide clear direction that:
 - a. Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site;
 - b. Nutrients shall be applied in accordance with manufacturer's recommendations or an approved nutrient management plan and shall not be applied during rainfall events; and
 - c. A modified inspection schedule shall be implemented in accordance with Part I B.4 or Part I B.5 of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*.

The information required by Item 1 can be found in Table 9.1 and 9.2. Please note that no waterbodies in the City of Fredericksburg are identified as exceptional in 9VAC25-260-30.A.3.c.

Table 9.1 – Identification of the Impaired Waters the Project Discharges Into

Waterbody	Location / Length	Pollutant of Concern	Check if the project discharge to the waterbody
South Anna River	Begins at the confluence with Jones Creek and continues downstream until the confluence with Mill Creek.	Escherichia coli	<input type="checkbox"/>
South Anna River	The South Anna River from the confluence with an unnamed tributary upstream of Horseshoe Bridge Road downstream to the Ashland Municipal STP discharge near the confluence with Falling Creek.	Escherichia coli	<input type="checkbox"/>
South Anna River	The South Anna River from the Ashland Municipal STP discharge near the confluence with Falling Creek downstream to its mouth.	Escherichia coli	<input type="checkbox"/>
Stagg Creek	Headwaters to mouth at South Anna River	Escherichia coli / Dissolved Oxygen	<input type="checkbox"/>
Newfound River	Newfound River from the confluence of Needstan Creek to its mouth.	Escherichia coli	<input type="checkbox"/>
North Anna River, UT (XHS)	Unnamed Tributary XHS from its headwaters to its mouth at the North Anna River	Benthic-Macroinvertebrate Bioassessments	<input type="checkbox"/>
Little River	The Little River from its confluence with Locust Creek downstream to the confluence with Beaverdam Creek.	Escherichia coli / Dissolved Oxygen	<input type="checkbox"/>
Locust Creek	Begins at the headwaters to of Locust Creek and continues downstream until the confluence with Little River.	Benthic-Macroinvertebrate Bioassessments	<input type="checkbox"/>
Beaverdam Creek	Beaverdam Creek mainstem in its entirety.	Escherichia coli / pH	<input type="checkbox"/>
Mechumps Creek	Mechumps Creek from its confluence with Slayden Creek to the Pamunkey River.	Escherichia coli	<input type="checkbox"/>
Mechumps Creek	Headwaters to the confluence with unnamed tributary to XEG	Escherichia coli / Dissolved Oxygen / pH	<input type="checkbox"/>
Crump Creek	The mainstem of Crump Creek.	Escherichia coli / pH	<input type="checkbox"/>
Pamunkey River	The Pamunkey River from its start at the confluence of the South Anna and North Anna Rivers downstream to the confluence with Mechumps Creek.	Escherichia coli	<input type="checkbox"/>
Mechumps Creek, UT (XEG)	Headwaters to its mouth at Mechumps Creek	Escherichia coli	<input type="checkbox"/>
Kersey Creek	Kersey Creek mainstem in its entirety.	Escherichia coli / pH	<input type="checkbox"/>
Crump Creek, UT	XJC mainstem in its entirety.	Escherichia coli / pH	<input type="checkbox"/>
Pollard Creek	Pollard Creek mainstem in its entirety.	Escherichia coli / pH	<input type="checkbox"/>

Pamunkey River	From the tidal limit at Totopotomoy Creek to Pampatike Landing	Escherichia coli	<input type="checkbox"/>
Pamunkey River	From Route 654 (Pampatike Landing to Macon Creek (the downstream boundary of watershed F13).	Escherichia coli	<input type="checkbox"/>
Matadequin Creek	Matadequin from the confluence with Parsleys Creek to the mouth.	Escherichia coli	<input type="checkbox"/>
Totopotomoy Creek	Strawhorn Creek to the Pamunkey River.	Escherichia coli / pH	<input type="checkbox"/>
Pamunkey River	The Pamunkey River from Nelson Bridge Road (Route 15) downstream approximately 72 miles to the mouth at the York River.	Mercury in Fish Tissue / PCB in Fish Tissue	<input type="checkbox"/>
Chickahominy River, UT - Unnamed Tributary	Segment consists of the unnamed tributary of the Chickahominy River to which the Tyson Plant discharges.	Benthic-Macroinvertebrate Bioassessments / Dissolved Oxygen / pH / Ammonia (Un-ionized)	<input type="checkbox"/>
Chickahominy River	The Chickahominy River from an unnamed tributary immediately downstream of rivermile 76.59 to the Route 360 bridge.	Escherichia coli	<input type="checkbox"/>
Chickahominy River	The Chickahominy River from the start of the Class VII designation to the Route 360 bridge.	Dissolved Oxygen	<input type="checkbox"/>
Chickahominy River	The Chickahominy River from its headwaters to the confluence with unnamed tributary XDD.	Benthic-Macroinvertebrate Bioassessments	<input type="checkbox"/>
Chickahominy River	The Chickahominy River from its headwaters to the confluence with an unnamed tributary immediately downstream of rivermile 76.59.	pH	<input type="checkbox"/>
Stony Run	Stony Run from the confluence with Lickinghole Creek downstream to its mouth at the Chickahominy River.	Escherichia coli	<input type="checkbox"/>
Grassy Swamp Creek	Grassy Swamp Creek from the pond at rivermile 0.99 to its mouth.	Benthic-Macroinvertebrate Bioassessments / Dissolved Oxygen	<input type="checkbox"/>
Chickahominy River, UT (XDD)	The unnamed tributary XDD from its headwaters to the Tysons Foods discharge.	Dissolved Oxygen / pH	<input type="checkbox"/>
Upper Stony Run and Tributaries	Stony Run and its tributaries upstream of the confluence with Lickinghole Creek	Escherichia coli / Dissolved Oxygen / pH	<input type="checkbox"/>
Chickahominy River	Segment begins at the Route 360 bridge over the Chickahominy River, and extends downstream to the Route 156 bridge.	Escherichia coli / Dissolved Oxygen / Mercury in Fish Tissue	<input type="checkbox"/>
White Oak Swamp, UT	Tributary of White Oak Swamp in its entirety.	Dissolved Oxygen	<input type="checkbox"/>
Beaverdam Creek	Beaverdam Creek from its headwaters to its mouth.	Escherichia coli / pH	<input type="checkbox"/>

Boatswain Creek	Boatswain Creek from its headwaters to its mouth at the Chickahominy River.	Escherichia coli / Dissolved Oxygen / pH	<input type="checkbox"/>
Bloody Run	Bloody Run from its headwaters to its mouth at Gaines Mill Pond.	Dissolved Oxygen / pH	<input type="checkbox"/>
Pamunkey River	The tidal freshwater Pamunkey River mainstem.	Nutrient/Eutrophication Biological Indicators	<input type="checkbox"/>

Table 9.2 – Identification of the Surface Waters with Applicable TMDL Wasteload Allocations the Project Discharges Into

Waterbody	Pollutants of Concern	Does the project discharge to the waterbody?
Chesapeake Bay	Phosphorus Nitrogen Sediment	YES

AMENDMENTS, MODIFICATIONS AND UPDATES

In accordance with Part II.C of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

1. The operator or their designee shall amend the SWPPP whenever there is a change in the design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not been previously addressed in the SWPPP.
2. The SWPPP must be amended if, during inspections or investigations by the operator's qualified personnel, or by local, state, or federal officials, it is determined that the existing control measures are ineffective in minimizing pollutants in discharges from the construction activity. Revisions to the SWPPP shall include additional or modified control measures designed and implemented to correct problems identified. If approval by the VESCP authority, VSMP authority, or department is necessary for the control measure, revisions to the SWPPP shall be completed no later than seven calendar days following approval. Implementation of these additional or modified control measures must be accomplished as described in Section 13.3, part 11.
3. The SWPPP must clearly identify the contractor(s) that will implement and maintain each control measure identified in the SWPPP. The SWPPP shall be amended to identify any new contractor that will implement and maintain a control measure.
4. The operator or their designee shall update the SWPPP no later than seven days following any modification to its implementation. All modifications or updates to the SWPPP shall be noted and shall include the following items:
 - a. A record of dates when:
 - (1) Major grading activities occur;
 - (2) Construction activities temporarily or permanently cease on a portion of the site; and
 - (3) Stabilization measures are initiated.
 - b. Documentation of replaced or modified controls where periodic inspections or other information have indicated that the controls have been used inappropriately or incorrectly and where modified as soon as possible;
 - c. Areas that have reached final stabilization and where no further SWPPP inspection requirements apply;
 - d. All properties that are no longer under the legal control of the operator and the dates on which the operator no longer had legal control over each property;
 - e. The date of any prohibited discharges, the discharge volume released, and what actions were taken to minimize the impact of the release;
 - f. Measures taken to prevent the reoccurrence of any prohibited discharge; and

- g. Measures taken to address any evidence identified as a result of an inspection.
5. Amendments, modifications, or updates to the SWPPP shall be signed in accordance with Section 18.10 of this chapter.

The following Amendment, Modification, and Update Log form must be used to document all amendments, modification, and updates.

SWPPP AMENDMENT, MODIFICATION AND UPDATE LOG

Date	Description of Amendment, Modification or Update
<div style="background-color: #e0f2f1; width: 100px; height: 20px; margin: 20px auto;"></div>	<div style="background-color: #e0f2f1; width: 350px; height: 20px; margin: 20px auto;"></div>
<p>Responsible Party</p>	<div style="background-color: #e0f2f1; width: 430px; height: 20px; margin: 20px auto;"></div>
<p align="center"><i>"I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</i></p>	
<div style="background-color: #e0f2f1; width: 600px; height: 35px; margin: 20px auto;"></div>	
<p align="center">Operator or Delegated Authority Signature</p>	

PUBLIC NOTICE, AVAILABILITY AND IMPLEMENTATION OF THE SWPPP

In accordance with Part II.D of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

Upon commencement of land disturbance, the operator shall post conspicuously a copy of the notice of coverage letter near the main entrance of the construction activity. For linear projects, the operator shall post the notice of coverage letter at a publically accessible location near an active part of the construction project. The operator shall maintain the posted information until termination of general permit coverage.

In accordance with Part II.E of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

Operators with day-to-day operational control over SWPPP implementation shall have a copy of the SWPPP available at a central location on-site for use by those identified as having responsibilities under the SWPPP whenever they are on the construction site.

The operator shall make the SWPPP and all amendments, modifications, and updates available upon request to the department, the VSMP authority, the EPA, the VESCP authority, local government officials, or the operator of a municipal separate storm sewer system receiving discharges from the construction activity. If an on-site location is unavailable to store the SWPPP when no personnel are present, notice of the SWPPP's location must be posted near the main entrance of the construction site.

The operator shall make the SWPPP available for public review in an electronic format or in hard copy. Information for public access to the SWPPP shall be posted and maintained in accordance with Part II C. If not provided electronically, public access to the SWPPP may be arranged upon request at a time and at a publicly accessible location convenient to the operator or his designee but shall be no less than once per month and shall be during normal business hours. Information not required to be contained within the SWPPP by this general permit is not required to be released.

In accordance with Part II.F of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

The operator shall implement the SWPPP and subsequent amendments, modifications, and updates from commencement of land disturbance until termination of general permit coverage.

All control measures must be properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications. If a site inspection identifies a control measure that is not operating effectively, corrective action(s) shall be completed as soon as practicable, but no later than seven days after discovery or a longer period as established by the VSMP authority, to maintain the continued effectiveness of the control measures.

If site inspections identify an existing control measure that needs to be modified or if an additional control measure is necessary for any reason, implementation shall be completed prior to the next anticipated measurable storm event. If implementation prior to the next anticipated measurable storm event is impracticable, then alternative control measures shall be implemented as soon as practicable, but no later than seven days after discovery or a longer period as established by the VSMP authority.

SWPPP INSPECTIONS

In accordance with Part I B.4 and Part II.G of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

1. Personnel responsible for on-site and off-site inspections. Inspections required by this general permit shall be conducted by the qualified personnel identified by the operator in the SWPPP. The operator is responsible for insuring that the qualified personnel conduct the inspection.
2. The applicable SWPPP inspection requirements specified in Part II.G.2 shall be amended as follows:
 - a. Inspections shall be conducted at a frequency of (i) at least once every four business days or (ii) at least once every five business days and no later than 24 hours following a measurable storm event. In the event that a measurable storm event occurs when there are more than 24 hours between business days, the inspection shall be conducted on the next business day, and
 - b. Representative inspections used by utility line installation, pipeline construction, or other similar linear construction activities shall inspect all outfalls discharging to surface waters identified as impaired or for which a TMDL wasteload allocation has been established and approved prior to the term of this general permit.
3. Inspection requirements.
 - a. As part of the inspection, the qualified personnel shall:
 - (1) Record the date and time of the inspection and when applicable the date and rainfall amount of the last measurable storm event;
 - (2) Record the information and a description of any discharges occurring at the time of the inspection;
 - (3) Record any land-disturbing activities that have occurred outside of the approved erosion and sediment control plan;
 - (4) Inspect the following for installation in accordance with the approved erosion and sediment control plan, identification of any maintenance needs, and evaluation of effectiveness in minimizing sediment discharge, including whether the control has been inappropriately or incorrectly used:
 - (a) All perimeter erosion and sediment controls, such as silt fence;
 - (b) Soil stockpiles, when applicable, and borrow areas for stabilization or sediment trapping measures;
 - (c) Completed earthen structures, such as dams, dikes, ditches, and diversions for stabilization;
 - (d) Cut and fill slopes;
 - (e) Sediment basins and traps, sediment barriers, and other measures installed to control sediment discharge from stormwater;

- (f) Temporary or permanent channel, flume, or other slope drain structures installed to convey concentrated runoff down cut and fill slopes;
 - (g) Storm inlets that have been made operational to ensure that sediment laden stormwater does not enter without first being filtered or similarly treated; and
 - (h) Construction vehicle access routes that intersect or access paved roads for minimizing sediment tracking;
- (5) Inspect areas that have reached final grade or that will remain dormant for more than 14 days to ensure:
- (a) Initiation of stabilization activities have occurred immediately, as defined in 9VAC25-880-1; and
 - (b) Stabilization activities have been completed within seven days of reaching grade or stopping work; Inspect areas that have reached final grade or that will remain dormant for more than 14 days for completion of stabilization activities within seven days of reaching grade or stopping work;
- (6) Inspect for evidence that the approved erosion and sediment control plan, "agreement in lieu of a plan," or erosion and sediment control plan prepared in accordance with department-approved annual standards and specifications has not been properly implemented. This includes but is not limited to:
- (a) Concentrated flows of stormwater in conveyances such as rills, rivulets or channels that have not been filtered, settled, or similarly treated prior to discharge , or evidence thereof;
 - (b) Sediment laden or turbid flows of stormwater that have not been filtered or settled to remove sediments prior to discharge;
 - (c) Sediment deposition in areas that drain to unprotected stormwater inlets or catch basins that discharge to surface waters. Inlets and catch basins with failing sediments controls due to improper installation, lack of maintenance, or inadequate design are considered unprotected;
 - (d) Sediment deposition on any property (including public and private streets) outside of the construction activity covered by this general permit;
 - (e) Required stabilization has not been initiated or completed on portions of the site;
 - (f) Sediment basins without adequate wet or dry storage volume or sediment basins that allow the discharge of stormwater from below the surface of the wet storage portion of the basin;
 - (g) Sediment traps without adequate wet or dry storage or sediment traps that allow the discharge of stormwater from below the surface of the wet storage portion of the trap; and
 - (h) Land disturbance outside of the approved area to be disturbed;

- (7) Inspect pollutant generating activities identified in the pollution prevention plan for the proper implementation, maintenance and effectiveness of the procedures and practices;
 - (8) Identify any pollutant generating activities not identified in the pollution prevention plan; and
 - (9) Identify and document the presence of any evidence of the discharge of pollutants prohibited by this general permit.
4. Inspection report. Each inspection report shall include the following items:
 - a. The date and time of the inspection and when applicable, the date and rainfall amount of the last measurable storm event;
 - b. Summarized findings of the inspection;
 - c. The location(s) of prohibited discharges;
 - d. The location(s) of control measures that require maintenance;
 - e. The location(s) of control measures that failed to operate as designed or proved inadequate or inappropriate for a particular location;
 - f. The location(s) where any evidence identified under Part II G 3 a (7) exists;
 - g. The location(s) where any additional control measure is needed that did not exist at the time of inspection;
 - h. A list of corrective actions required (including any changes to the SWPPP that are necessary) as a result of the inspection or to maintain permit compliance;
 - i. Documentation of any corrective actions required from a previous inspection that have not been implemented; and
 - j. The date and signature of the qualified personnel and the operator or its duly authorized representative.
 5. The inspection report shall be included into the SWPPP no later than four business days after the inspection is complete.
 6. The inspection report and any actions taken in accordance with Part II must be retained by the operator as part of the SWPPP for at least three years from the date that general permit coverage expires or is terminated. The inspection report shall identify any incidents of noncompliance. Where an inspection report does not identify any incidents of noncompliance, the report shall contain a certification that the construction activity is in compliance with the SWPPP and this general permit. The report shall be signed in accordance with Part III K of this general permit.

VSMP INSPECTION REPORT

Project:			
GCP Number:		Notice of Coverage posted? <input type="checkbox"/> YES <input type="checkbox"/> NO	SWPPP available for review? <input type="checkbox"/> YES <input type="checkbox"/> NO

Inspection Date/Time		Inspection Conducted By	(must be the Qualified Personnel identified in the SWPPP)
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Date of Last Measureable Storm Event		Rainfall Amount	<input type="checkbox"/> Not applicable since inspection frequency is at least once every four business days
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Record the information and a description of any discharges occurring at the time of the inspection	
Record any land-disturbing activities that have occurred outside the approved erosion and sediment control plan	

Inspection requirements:	Have controls been installed in accordance with the approved ECP?	Are controls effectively minimizing sediment discharges?	Have controls been inappropriately or incorrectly used?	Describe any maintenance needs or other deficiencies that were identified and the location of the deficiencies
All perimeter erosion and sediment controls (silt fence, etc.)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Soil stockpiles and borrow areas (for stabilization or sediment trapping measures)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Completed earthen structures, such as dams, dikes, ditches, and diversions for stabilization	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Cut and fill slopes	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment basins and traps, sediment barriers, and other measures (<i>installed to control sediment discharges from stormwater</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Temporary or permanent channels, flumes, or other slope drain structures (<i>installed to convey concentrated runoff down cut and fill slopes</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Storm inlets (<i>to ensure that sediment laden stormwater does not enter without first being filtered or similarly treated</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Construction entrances and access routes (<i>for minimizing mud/sediment tracking</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Have stabilization activities begun on areas that have reached final grade or that will remain dormant for more than 14 days?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Were stabilization activities completed within seven days of reaching final grade or stopping work on areas that have reached final grade or that will remain dormant for more than 14 days?	<input type="checkbox"/> YES <input type="checkbox"/> NO

Inspect for the presence of the following:	Present?	Location
Concentrated flows of stormwater in conveyances (<i>such as rills, rivulets or channels</i>) that have not been filtered, settled, or similarly treated prior to discharge, (<i>or evidence thereof</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment laden runoff that has not been filtered or settled to remove sediments prior to discharge	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment deposition in areas that drain to unprotected stormwater inlets or catch basins that discharge to surface waters.	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Inlets and catch basins with failing sediment controls due to improper installation, lack of maintenance, or inadequate design	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment deposition on any property (<i>including public and private streets</i>) outside of the construction activity covered by the general permit	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Required stabilization (<i>initiated or completed on portions of the site?</i>)	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment basins/traps without adequate wet or dry storage volume	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sediment basins where the riser appears to be leaking, water appears to be leaving the basin around the barrel pipe (<i>rather than through it</i>), or	<input type="checkbox"/> YES <input type="checkbox"/> NO	

the dewatering device appears to be dewatering basin from below the water surface		
Sediment traps that allow stormwater to discharge from below the surface of the wet storage portion of the trap	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Land disturbance outside of the approved limits of disturbance	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Inspect the pollution prevention controls associated with the pollutant generating activities identified in the Pollution Prevention Plan

Inspect the pollution prevention controls associated with the pollution generating activities identified in Table 8.1 of the SWPPP		Have the controls been properly implemented as outlined on the PPP sheet?	Are controls effectively minimizing pollutant discharges?	Describe any maintenance needs or other deficiencies that were identified and the location of the deficiencies
Clearing, grading or excavating	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Paving operations	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Concrete washout and concrete waste disposal	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Structure construction, stucco, painting or cleaning	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Dewatering operations	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Material delivery and storage	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Material use during building process	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Solid waste disposal	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Sanitary waste disposal (<i>porta-johns</i>)	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Landscaping operations	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Vehicle Fueling or Maintenance	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Other (describe)		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Other (describe)		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Other (describe)		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Other (describe)		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
Other (describe)		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Identify the material(s) and document the location or presence of any evidence of pollutant discharges that are not authorized by the general permit	
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Identify the location(s) where any additional control measures are needed that did not exist at the time of the inspection	
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List the corrective actions required (<i>including any changes to the SWPPP that are necessary</i>) as a result of the inspection or to maintain permit compliance	
--	--

Document any corrective action(s) required from a previous inspection that have not been implemented	
--	--

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Signature: _____ Date: _____

Name: _____ Title: _____

(must be either the Operator or Delegated Authority, *not necessarily the person who conducted the inspection*)

CORRECTIVE ACTIONS

In accordance with Part II.G.6 of the *General VPDES Permit for Discharges of Stormwater from Construction*, documentation of any corrective actions taken be retained by the operator as part of the SWPPP for at least three years from the date that general permit coverage expires or is terminated.

In accordance with Part II.H of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*

The operator shall implement the corrective action(s) identified as a result of an inspection as soon as practicable but no later than seven days after discovery or a longer period as approved by the VSMP authority. If approval of a corrective action by a regulatory authority (e.g., VSMP authority, VESCP authority, or the department) is necessary, additional control measures shall be implemented to minimize pollutants in stormwater discharges until such approvals can be obtained.

The operator may be required to remove accumulated sediment deposits located outside of the construction activity covered by this general permit as soon as practicable in order to minimize environmental impacts. The operator shall notify the VSMP authority and the department as well as obtain all applicable federal, state, and local authorizations, approvals, and permits prior to the removal of sediments accumulated in surface waters including wetlands.

CORRECTIVE ACTION LOG

Correction Action Date	Description of Corrective Action
<hr/>	<hr/>
Responsible Party	<hr/>
<p style="text-align: center;"><i>"I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</i></p>	
<hr/>	
Operator or Delegated Authority Signature	

SWPPP TERMINATION

In accordance with Part I F of the *General VPDES Permit for Discharges of Stormwater from Construction Activities*:

The operator of the construction activity shall submit a notice of termination in accordance with 9VAC25-880-60 to the VSMP authority after one or more of the following conditions have been met:

- a. Necessary permanent control measures included in the SWPPP for the site are in place and functioning effectively and final stabilization has been achieved on all portions of the site for which the operator is responsible. When applicable, long term responsibility and maintenance requirements shall be recorded in the local land records prior to the submission of a notice of termination;
- b. Another operator has assumed control over all areas of the site that have not been finally stabilized and obtained coverage for the ongoing discharge;
- c. Coverage under an alternative VPDES or state permit has been obtained; or
- d. For residential construction only, temporary soil stabilization has been completed and the residence has been transferred to the homeowner.

The notice of termination should be submitted no later than 30 days after one of the above conditions in subdivision 1 of this subsection are met. Authorization to discharge terminates at midnight on the date that the notice of termination is submitted for the conditions set forth in subdivisions 1 b through 1 d of this subsection. Termination of authorizations to discharge for the conditions set forth in subdivision 1 a of this subsection shall be effective upon notification from the department that the provisions of subdivision 1 a of this subsection have been met or 60 days after submittal of the notice of termination, whichever occurs first.

The notice of termination shall be signed in accordance with Part III K of the general permit.

**CONSTRUCTION GENERAL PERMIT
REGISTRATION STATEMENT**

**CONSTRUCTION GENERAL PERMIT
NOTICE OF COVERAGE**

**CONSTRUCTION GENERAL PERMIT
TERMINATION**

**CONSTRUCTION GENERAL PERMIT
TRANSFER**

POLLUTION PREVENTION PLAN

INTRODUCTION

This Stormwater Pollution Prevention Plan (SWPPP) has been developed as a requirement of the General VPDES Permit for Discharges of Stormwater from Construction Activities (GCP), as defined in 9VAC25-880. The purpose of this SWPPP is to:

- 1) Identify potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the construction site, and
- 2) To describe and ensure the implementation of practices that will be used to reduce pollutants in stormwater discharges from the construction site and to assure compliance with the conditions of the Permit.

Implementation of the components of this SWPPP is required as a condition of the GCP (Tab 17).

The GCP has a fixed term of 5 years from the effective date of July 1, 2019 and permit coverage is required for all VSMP land-disturbing activities.

The GCP authorizes the discharge of stormwater from construction activities until the expiration date. The GCP also authorizes the discharge of stormwater from offsite support activities, provided that certain conditions are met as outlined in Part.I.A.2 of the GCP. Certain non-stormwater discharges are also authorized and are described in Part I.E of the GCP.

The SWPPP must be prepared, updated and amended, implemented as written, made available to the public according to the requirements of the General Permit for Discharges of Stormwater from Construction Activities (9VAC25-880).

PURPOSE

9VAC25-870-54 of the Virginia Stormwater Management Program (VSMP) Permit Regulations requires that Stormwater Pollution Prevention Plan (SWPPP) be developed for all regulated land disturbing activities. The SWPPP must include, but not be limited to, an approved erosion and sediment control plan, an approved stormwater management plan, and this **Pollution Prevention Plan** (PPP) for regulated land disturbing activities, and a description of any additional control measures necessary to address a TMDL as applicable.

The plan for implementing pollution prevention measures during construction activities developed on this sheet must be implemented and updated as necessary. Any PPP requirements not included on this sheet must be incorporated into the SWPPP required by 9VAC25-870-54 that must be developed before land disturbance commences. This PPP identifies potential sources of pollutants that may reasonable be expected to affect the quality stormwater discharges from the construction site (both on- and off-site activities) and describes control measures that will be used to minimize pollutants in stormwater discharges from the construction site.

OTHER REFERENCED PLANS

SWPPP requirements may be fulfilled by incorporating, by reference, other plans. All plans incorporated by reference become enforceable under the VSMP Permit Regulations and General Permit VAR10 for Discharges of Stormwater from Construction Activities. If a plan incorporated by reference does not contain all of the required elements of the PPP, the operator must develop the missing elements and include them in the SWPPP.

Independent Plans Incorporated by Reference	Date Approved
Stormwater Management Plans (Regional or Master)	
Spill Prevention, Control, and Countermeasure Plans	
Off-Site Stockpile	
Off-Site Borrow Area	

POTENTIAL POLLUTANT SOURCES

The following sources of potential pollutants must be addressed in the Pollution Prevention Plan. Various controls and/or measures designed to prevent and/or minimize pollutants in stormwater discharges from the project site must be applied to the sources found on the site. Additional information concerning the following controls and/or measures may be found in the SWPPP. Deviations from the location criteria may be approved by the County Environmental Inspector.

LEAKS, SPILLS, AND OTHER RELEASES

- The operator(s) shall ensure procedures are in place to prevent and respond to all leaks, spills and other releases of pollutants.
- The operator(s) shall ensure all leaks, spills and other releases of pollutant are contained and cleaned immediately upon discovery. Any contaminated materials are to be disposed in accordance with federal, state, and/or local requirements.
- The operator(s) shall ensure spill containment kits containing appropriate materials (e.g., absorbent material and pads, brooms, gloves, sand, etc.) are available at appropriate locations, including, but not limited to: designated areas for vehicle and equipment maintenance; vehicle and equipment fueling; storage and disposal of construction materials, products, and waste; and storage and disposal of hazardous and toxic materials; and sanitary waste facilities.
- The locations of the spill containment kits are identified as described below:

Date	Shown on Plan Sheet # ^(s)	Location	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet # ^(s)	Location	Operator(s) Initials

- The operator(s) shall notify the Department of Environmental Quality of leaks, spills, and other releases that discharge to or have the potential to discharge to surface waters immediately upon discovery of the discharge but in no case later than 24 after the discovery.

- The operator(s) shall notify the Department of Environmental Quality (DEQ) of leaks, spills, and other releases that discharge to or have the potential to discharge to surface waters immediately upon discovery of the discharge but in no case later than 24 after the discovery. Written notice of the discharge must be sent to DEQ and City of Fredericksburg Department of Public Works within five (5) days of the discovery.

Virginia Department of Environmental Quality 13901 Crown Court Woodbridge, VA 22193 (703) 583-3800 (phone) (703) 583-3821 (fax) (800) 468-8892 (outside normal working hours)	City of Fredericksburg Department of Public Works P. O. Box 7447 Fredericksburg, VA 22404 (540) 372-1023 (phone) (540) 372-1158 (fax)
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EQUIPMENT / VEHICLE WASHING

- ✓ Washing must be conducted in a **dedicated area** that is located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.
- ✓ All wash water used in vehicle wheel washing must be directed to a sediment basin/trap.
- ✓ All vehicle washing activities other than wheel washing must have secondary containment.
- ✓ Each facility must have appropriate signage to inform users where the **dedicated area(s)** are located.

Activity	Location of Dedicated Area(s)	Shown on Plan Sheet # (s)	Water Source Location
Wheel Wash			
Other Wash Areas			

REVISIONS TO LOCATIONS

Activity	Location of Dedicated Area(s)	Shown on Plan Sheet # (s)	Water Source Location	Operator's Initials

VEHICLE FUELING AND MAINTENANCE

- Conduct regular maintenance in a **dedicated area** that is located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.
- If fueling is conducted at a **dedicated area**, the location must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.
- The **dedicated areas** must be designed to eliminate the discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities by providing secondary containment (spill berms, decks, spill containment pallets, providing cover where appropriate, and having spill kits readily available).
- Each facility must have appropriate signage to inform users where the **dedicated area(s)** are located.

Date	Shown on Plan Sheet #(s)	Location of Dedicated Area(s)	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet #(s)	Location of Dedicated Area(s)	Operator's Initials

- If mobile fueling will be used, the fueling must be done in an area that located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.
- Spill kits must be readily available at all mobile fueling locations.
- On-site storage tanks must have a means of secondary containment (spill berms, decks, spill containment pallets, etc.) and must be covered where appropriate.
- All vehicles on site must be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.

DISCHARGE FROM STORAGE, HANDLING, AND DISPOSAL OF CONSTRUCTION PRODUCTS, MATERIALS, AND WASTE

- Storage of construction products, materials, and waste is to be conducted in **dedicated areas**.
- The **dedicated area** must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features. Separations of less than 50 feet may be approved by the Environmental Inspector.
- The **dedicated areas** must be designed to minimize the discharge of pollutants from storage, handling, and disposal of construction products, materials and wastes including (i) building products such as asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures; (ii) pesticides, herbicides, insecticides, fertilizers, and landscape materials; and (iii) construction and domestic wastes such as packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, Styrofoam, concrete and other trash or building products..
- Each facility must have appropriate signage to inform users where the **dedicated area(s)** are located.

Date	Shown on Plan Sheet # <i>(s)</i>	Location(s) of Dedicated Area(s) for storage of construction products and materials	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet # <i>(s)</i>	Location(s) of Dedicated Area(s) for storage of construction products and materials	Operator(s) Initials

Date	Shown on Plan Sheet # <i>(s)</i>	Location(s) of Dedicated Area(s) for waste from construction products and materials	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet # <i>(s)</i>	Location(s) of Dedicated Area(s) for waste from construction products and materials	Operator(s) Initials

- Follow all federal, state, and local requirements that apply to the use, handling and disposal of pesticides, herbicides, and fertilizers.
- Keep chemicals on-site in small quantities and in closed, well marked containers.
- Clean up solid waste, including building materials, garbage, and debris on a daily basis and deposit into covered dumpsters that are periodically emptied.
- Schedule waste collection to prevent exceeding the capacity of onsite containers. Additional containers may be necessary depending on the phase of construction (e.g., demolition, etc.)
- Dispose of all solid waste at an authorized disposal site.
- Ensure that containers have lids or are otherwise protected from exposure to precipitation.

DISCHARGES FROM OTHER POTENTIAL POLLUTANT SOURCES

- Discharges from other pollutant sources (e.g., water line flushing, storm sewer flushing, above ground storage tanks, etc.) not mentioned elsewhere must be addressed.

Other Potential Pollutant Sources	Location(s) of Potential Pollutant Sources

- Above ground oil storage tanks with a storage capacity exceeding 1,320 gallons and have a reasonable expectation of a discharge into or upon Waters of the United States are required to have a Spill Prevention Control and Countermeasure (SPCC) Plan.
- The discharge of contaminated flush water and material removed during flushing operations must be collected and disposed of in accordance with appropriate federal, state, and local requirements.

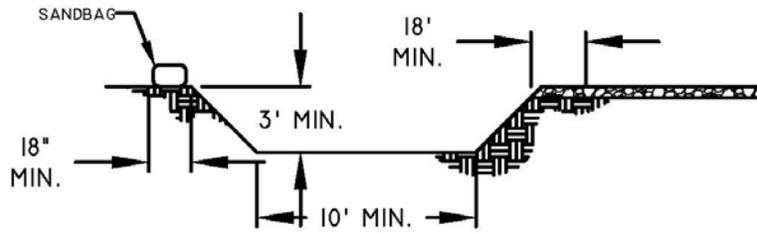
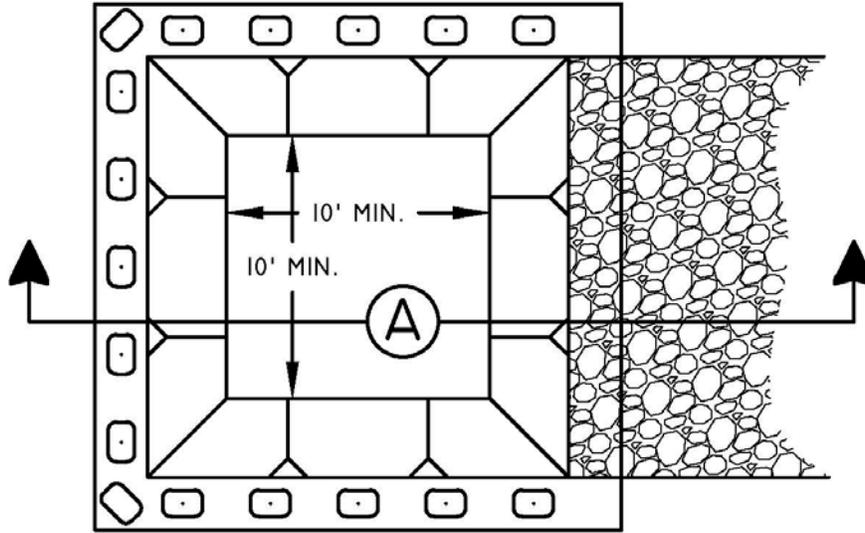
DISCHARGES FROM CONCRETE RELATED WASH ACTIVITIES

- Concrete trucks are not allowed to wash out or discharge surplus concrete or drum wash water on site except in a ***dedicated area(s)*** that is located to prevent discharge to storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features.
- Each facility must have a stabilized access to prevent mud tracking into the street.
- Each facility must have appropriate signage to inform users where the ***dedicated area(s)*** are located.

Date	Shown on Plan Sheet #(s)	Location of <i>Dedicated Area(s)</i>	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet #(s)	Location of <i>Dedicated Area(s)</i>	Operator's Initials

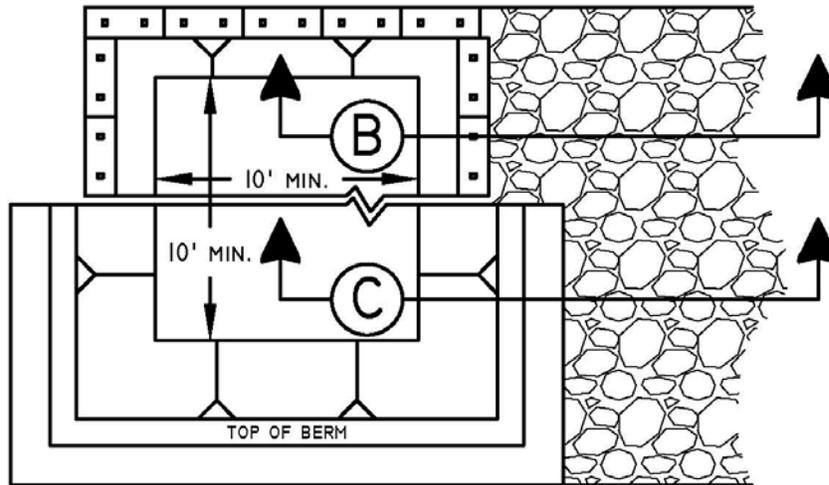
- Facilities must be cleaned, or new facilities constructed, once the washout area is two-thirds (2/3) full.

BELOW GRADE CONCRETE WASHOUT AREA

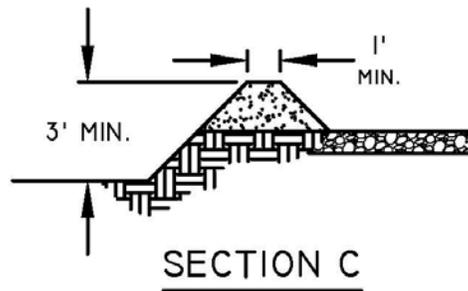
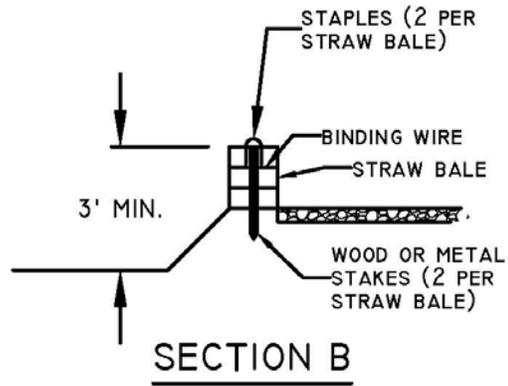
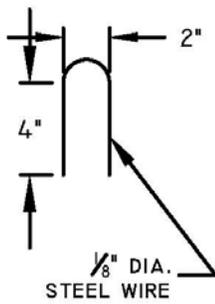


SECTION A

ABOVE GRADE CONCRETE WASHOUT AREA



STAPLE DETAIL



CONCRETE WASHOUT AREA NOTES

- The facility must be lined with 10 mil plastic lining that is free from holes, tears, or other defects that might compromise the material's impermeability.
- The lining must be anchored with staples (2' spacing) or sandbags.
- Side slopes must be 1:1 (horizontal:vertical) or flatter.
- Stone access must be provided between the street and the concrete washout area.
- A "Concrete Washout" sign must be installed within 30 feet of the washout facility. The sign must be no smaller than 2' tall by 4' wide.

DISCHARGES OF SOAPS, DETERGENTS, SOLVENTS, AND WASH WATER FROM CONSTRUCTION ACTIVITIES SUCH AS CLEANUP OF STUCCO, PAINT, FORM RELEASE OILS, AND CURING COMPOUNDS

- Washing activities associated with construction activities other than vehicle and equipment washing, such as clean up of stucco, paint, form release oils, and curing compounds are to be conducted in a ***dedicated area***.
- The ***dedicated area*** must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features. Separations of less than 50 feet may be approved by the Environmental Inspector.
- The ***dedicated areas*** must be designed to prevent the discharge of soaps, detergents, solvents, and wash water.

Date	Shown on Plan Sheet #(s)	Location(s) of <i>Dedicated Area(s)</i>	
Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet #(s)	Location(s) of <i>Dedicated Area(s)</i>	Operator(s) Initials

- The **dedicated area** must be covered (e.g., plastic sheeting, temporary roof, etc.) to prevent contact with stormwater.
- The contaminated wastewater from the **dedicated area** must be collected for disposal by a waste hauler or discharged to the sanitary sewer.
- In situations where these pollutants are or could be generated at locations other than at the **designated area** (e.g., concrete pours, building washing, etc.), cover (e.g., plastic sheeting, temporary roof, etc.) must be provided to prevent contact with stormwater and the contaminated wastewater from the activity must be collected for disposal by a waste hauler or discharged to the sanitary sewer.

DISCHARGES OF HAZARDOUS, TOXIC, AND SANITARY WASTE

- Storage and disposal of hazardous, toxic and sanitary wastes are to be conducted in **dedicated areas**.
- The **dedicated areas** must be located to maximize the distance from storm drain inlets, ditches, waterbodies or wetlands but no less than 50 feet from those features. Separations of less than 50 feet may be approved by the Environmental Inspector.
- The **dedicated areas** must be designed to prevent the discharge of hazardous, toxic and sanitary waste by avoiding contact with precipitation
- Each facility must have appropriate signage to inform users where the **dedicated area(s)** are located.

Date	Shown on Plan Sheet #(s)	Location(s) of Dedicated Area(s) for storage and disposal of hazardous and toxic wastes
Approved Plan		

REVISIONS TO LOCATIONS

Date	Shown on Plan Sheet #(s)	Location(s) of Dedicated Area(s) for storage and disposal of hazardous and toxic wastes	Operator(s) Initials

Date	Shown on Plan Sheet #(s)	Location(s) of Dedicated Area(s) for portable toilets
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Approved Plan			
REVISIONS TO LOCATIONS			
Date	Shown on Plan Sheet #(s)	Location(s) of <i>Dedicated Area(s)</i> for portable toilets	Operator(s) Initials

- Consult with local waste management authorities or private firms about the requirements for disposing of hazardous materials and/or soils that may be contaminated with hazardous materials.
- Never remove the original product label from the container. Follow the manufacturer's recommended method of disposal.
- Schedule periodic pumping of portable toilets and dispose of waste
- Dispose of all solid waste at an authorized disposal site.

SWPPP MODIFICATIONS AND REVISIONS

The operator(s) shall ensure the SWPPP is modified and/or revised to reflect:

- Changes in qualified personnel; delegated authorities or other personnel required as a condition of the General Construction Permit;
- Changes in site conditions;
- Changes in the design, construction, operation, or maintenance of the construction site that affect the potential for discharges of pollutants that are not addressed in the normal implementation of the plan; and
- Ineffective control measures identified during inspections or investigations conducted by the operator's qualified personnel or local, state or federal officials.

Modifications/revisions to the SWPPP shall include additional or modified control measures to address the identified deficiencies.

If the necessary modifications/revisions require approval by the Administrator or DEQ, the modifications/revisions must be implemented no later than seven (7) calendar days following approval.

If the necessary modifications/revisions do not require approval by the Administrator, the modifications/revisions must be implemented prior to the next anticipated storm event or as soon as practicable.

