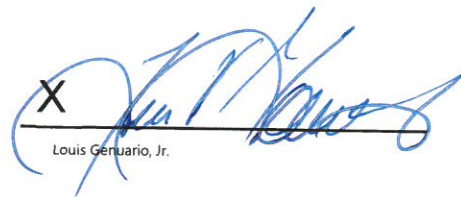


**STORMWATER POLLUTION PREVENTION PLAN
OAKWOOD PROJECT / SURREY DRIVE
FAIRFAX COUNTY, VIRGINIA**

GENUARIO PROPERTIES, INC.

MAY 31, 2024

A handwritten signature in blue ink, appearing to read 'Louis Genuario, Jr.', is written over a horizontal line. To the left of the signature, a small 'X' is circled in blue ink.

Louis Genuario, Jr.

TABLE OF CONTENTS

Section 1: Cover Page

Section 2: Notice of Coverage Letter

Section 3: Copy of Construction General Permit

Section 4: Registration Statement

Section 5: Delegation of Authority

Section 6: Qualified Personnel

Section 7: Site Map

Section 8: Fairfax County Approved Plans

Section 9: Impaired Waters/TMDL(s)

Section 10: Pollution Prevention Plan

Section 11: Contractor(s) Information

Section 12: Amendments, Modification, and Updates Log

Section 13: BMP/SWM Construction Inspection
Checklist & Certification

Section 14: Site Inspection Reports

SECTION 2

NOTICE OF COVERAGE LETTER

SECTION 4

REGISTRATION STATEMENT

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

PERMIT #:	_____
PLAN/ID #:	_____

- Application type.** **NEW PERMIT ISSUANCE**
 (CHOOSE ONE) **MODIFICATION WITH ACREAGE INCREASE: Permit # _____**
 MODIFICATION WITHOUT ACREAGE INCREASE: Permit # _____
 EXISTING PERMIT REISSUANCE: Permit # _____

Section I. Operator/Permittee/Billing Information.

A. Construction Activity Operator (Permittee). The person or entity that is applying for permit coverage and will have operational control over construction activities to ensure compliance with the general permit. A person with signatory authority for this operator must sign the certification in Section V (per Part III.K of the VAR10 Permit).	
Operator Name:	GENUARIO PROPERTIES, INC.
Contact person:	LOUIS V. GENUARIO, JR.
Address:	8400 RADFORD AVENUE, SUITE 200
City, State and Zip Code:	ALEXANDRIA, VA 22309
Phone Number:	703-360-3134
Primary and CC Email(s):	LOUIS@GENUARIOCOMPANIES.COM
State Corporation Commission Entity Number (if applicable):	02457794
B. Electronic correspondence. To receive an emailed coverage letter or to pay by credit card, you must choose YES and include a valid email. May we transmit correspondence electronically? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	

Section II. Construction Activity Information.

A. Include a legible site map showing the location of the existing or proposed land-disturbing activities for which the operator is seeking permit coverage, the limits of land disturbance, construction entrances, construction support activities, and all waterbodies receiving stormwater discharges from the construction site.	
B. Project site location information.	
Construction Activity Name:	OAKWOOD SUBDIVISION
Address:	3609 SURREY DRIVE
City and/or County and Zip Code:	ALEXANDRIA, VA 22309
Construction Activity Entrance Location (description or street address):	3612 CENTER DRIVE, ALEXANDRIA, VA 22309
Latitude and Longitude (6-digit, decimal degrees format, e.g. 37.1234, -78.1234):	38.718431; -77.0954867
C. Acreage totals for all land-disturbing activities to be included under this permit coverage. Report to the nearest one-hundredth of an acre.	
Total area of the construction site (including off-site area):	1.4943 ACRES
Estimated area to be disturbed by the construction activity (on-site only):	1.465 ACRES
Off-site estimated area to be disturbed (if applicable; please also refer to Section III):	N/A
D. Construction Activity Status:	FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE <input checked="" type="checkbox"/>
E. Nature of the Construction Activity Description (i.e. commercial, industrial, residential, agricultural, utility, solar, linear, stream restoration, etc.):	RESIDENTIAL

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2024

F. Municipal Separate Storm Sewer System (MS4) name(s) (if the construction activity is discharging to an MS4):		N/A
G. Estimated Construction Activity Dates.		
Start Date:	JUNE, 2024	
Completion Date:	DECEMBER, 2025	
H. Is this construction activity part of a larger common Plan of development or sale?		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
I. 6th Order Hydrologic Unit Code (HUC) and Receiving Water Name(s). Include additional areas on a separate page.		
HUC	NAME(S) OF RECEIVING WATER WWATERBODY	
PL27	POTOMAC RIVER	

Section III. Off-site Support Activity Location Information.

List all off-site support activities and excavated material disposal areas being utilized for this project. Include additional areas on a separate page.

Off-site Activity Name:	N/A
Address:	
City or County:	
Off-site Activity Entrance Location (description or street address):	
Latitude and Longitude (6-digit, decimal degrees format, e.g., 37.1234, -78.1234):	
Is this off-site activity an excavated material disposal area?	YES <input type="checkbox"/> NO <input type="checkbox"/>
If this off-site activity is an excavated material disposal area, list the contents of the excavated fill material:	
Will a separate VPDES permit cover this off-site activity?	YES <input type="checkbox"/> Permit # _____ NO <input type="checkbox"/>

Section IV. Other Information.

A. A Stormwater Pollution Prevention Plan (SWPPP) must be prepared in accordance with the requirements of the General VPDES Permit for Discharges of Stormwater from construction activities <u>prior</u> to submitting the registration statement. By signing the registration statement, the operator certifies the SWPPP has been prepared.	
B. Has an Erosion and Sediment Control Plan been submitted to the VESC Authority for review?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Erosion and Sediment Control Plan Approval Date: (for the estimated area to be disturbed; MM/DD/YYYY)	ESTIMATED APPROVAL: JUNE 2024
C. Has land-disturbance commenced?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
D. Standards and Specifications. If this project is utilizing approved Standards and Specifications (S&S), attach the completed S&S Entity Form.	
E. Will nutrient credits be used to comply with the water quality design criteria requirements (9VAC25-875-580)? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (If yes, please include a copy of the letter of availability from an appropriate nutrient bank that nonpoint source nutrient credits are available.)	

CONSTRUCTION GENERAL PERMIT (VAR10) REGISTRATION STATEMENT 2024

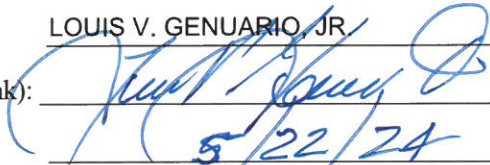
Section V. Certification. A person representing the operator as identified in Section I.A and meeting the requirements of Part III.K of 9VAC25-880-70 must physically sign this certification. A typed signature is not acceptable. Please note that operator is defined in 9VAC25-875-20 as follows:

“Operator” means the owner or operator of any facility or activity subject to the VESMA and this chapter. In the context of stormwater associated with a large or small construction activity, “operator” means any person associated with a construction project that meets either of the following two criteria: (i) the person has direct operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications or (ii) the person has day-to-day operational control of those activities at a project that are necessary to ensure compliance with a stormwater pollution prevention plan for the site or other permit or VESMP authority permit conditions (i.e., the person is authorized to direct workers at a site to carry out activities required by the stormwater pollution prevention plan or comply with other permit conditions). In the context of stormwater discharges from an MS4, “operator” means the operator of the regulated MS4 system.

9VAC25-880-70. Part III.K. Signatory requirements. All registration statements shall be signed as follows:

- a. *“For a corporation: by a responsible corporate officer. For the purpose of this chapter, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;*
- b. *For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or*
- c. *For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this chapter, a principal executive officer of a public agency includes (i) the chief executive officer of the agency or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.”*

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

Printed Name: LOUIS V. GENUARIO, JR.
Signature (signed in ink): 
Date Signed: 5/22/24

Section VI. Submittal Instructions. Submit this form to the VESMP Authority. If the locality is the VESMP Authority, please send your registration statement submittal directly to the locality; do NOT send this form to DEQ. A list of local VESMP Authorities is available here: [VESMP Authorities](#).

If DEQ is the VESMP Authority, please send to:

**Department of Environmental Quality
Office of Stormwater Management Suite 1400
PO Box 1105
Richmond VA 23218
constructiongp@deq.virginia.gov**

If the locality is the VESMP Authority, please send to:

The Local VESMP Authority (insert address below):

Fairfax County Department of Land
Development Services (LDS)
ATTN: Site Services Branch
12055 Government Center Parkway,
Suite 216
Fairfax, VA 22035-5506
LDSConstructionGP@fairfaxcounty.gov

SECTION 5

DELEGATION OF AUTHORITY

Delegation of Authority Form

Delegation of Authority

I, **Louis V. Genuario, Jr.** hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the **Oakwood / Surrey Drive** construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

Arthur H. Genuario, Project Manager	(name of person or position)
Genuario Properties Inc. & Wakefield Homes, LC	(company)
8400 Radford Avenue, Alexandria, VA 22309	(address)
(703) 801-6559	(phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in Appendix I of EPA's Construction General Permit (CGP), and that the designee above meets the definition of a "duly authorized representative" as set forth in Appendix I.

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 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.

Name: Louis V. Genuario, Jr.

Company: Genuario Properties, Inc.

Title: President

Signature: 

Date: 5/31/24

SECTION 6

QUALIFIED PERSONNEL

**OAKWOOD SUBDIVISION
SWPPP OPERATOR INFORMATION
05/31/24**

Operator :

Genuario Properties, Inc.
Louis V. Genuario, Jr./President
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-360-3134
Louis@genuariocompanies.com

Project Manager / Site Supervisor :

Genuario Properties, Inc.
Arthur Genuario
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-801-6559
Arthur@genuariocompanies.com

SWPPP Contacts :

Genuario Properties, Inc.
Arthur Genuario
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-801-6559
Arthur@genuariocompanies.com
Rick Genuario / 703-360-3134 / Rick@genuariocompanies.com
Louis Genuario / 703-360-3134 / Louis@genuariocompanies.com

This SWPPP was prepared by:

Genuario Properties, Inc.

Emergency SWPPP Contact:

Arthur Genuario
703-801-6559

SECTION 7

SITE MAP



3609 SUREY DR
 ALEXANDRIA, VA 22309
 5/29/24

Scale 1:8,056
 Map Records: 29
 DMS DD MGR UTM
 Lat: 38.4848° N Long: 77.642° W

Google shows up understoreys, 79' near Mount Vernon, VA

Section 8

Fairfax County Approved Plans

Section 9

Impaired Waters/TMDL(s)

Section 9: Impaired Waters / TMDLs

Discharge Information:

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? - **YES**

Are there any surface waters that are located within 50 feet of your construction disturbances? - **NO**

Table 1 – Name of Receiving Waters

Name(s) of the first surface water that receives stormwater directly from your site and/or from the MS4 (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters.)
1. N/A

Table 2 – Impaired Waters / TMDLs (Answer the following for each surface water listed above)

	Is this surface water listed as 'impaired'?	What pollutants are causing the impairment?	Title of the TMDL document	Pollutants for which there is a TMDL
1. N/A				

Describe the method you used to determine whether or not your project/site discharges to an impaired water:

No impaired receiving waters nearby this project site...confirmed by using the DEQ's "What's In My Backyard" GIS Application.

Section 10

Pollution Prevention Plan

Section 10: Pollution Prevention Plan

Potential Sources of Pollution:

Construction Site Pollutants

Pollutant – Generating Activity	Pollutant or Pollutant Constituents (that could be discharged if exposed to stormwater)	Description of Non-Stormwater Discharges	Location on Site (or reference SWPPP site map where this is shown)
Paving Operations	Wastewater	Proposed impervious surfaces: To be controlled locally and by perimeter controls. To be properly maintained so no discharges enter stormwater.	Proposed impervious surfaces.
Concrete	Concrete Wastewater	Proposed impervious surfaces: To be controlled locally and by perimeter controls. To be properly maintained so no discharges enter stormwater.	Proposed impervious surfaces.
Paint/Wastewater from clean-up paint brushes, containers, and other equipment	Paint Contaminated Water	To be applied as needed. Containers to be disposed of properly.	Proposed houses.
Trash and Debris Accumulation	Trash and Debris	Trash may be found anywhere onsite due to lack of good housekeeping.	Site-wide
Landscape irrigation	Sediments and Nutrients	Utilized to insure sod survival	Areas of lawn illustrated on the Landscape Plan
Routine external building wash down	Solids, sediments	Wash down buildings once exposed to earth, after stabilization	Around all houses/buildings upon completion

Best Management Practices (BMP) Description Narrative

A number of BMPs will be utilized on the project site in order to generally comply with the State General Permit and the County's Stormwater Management Design Manual. For approved BMPs, please refer to the approved Site Plan documents.

BMPs During Construction Activities

The following BMPs shall be utilized during the life of the construction project. Additional BMPs can be added to this SWPPP at the discretion of the QP.

1. **Building, Pavement, and Vehicle Wash Down:** Wash down areas onsite shall be established away from drainage facilities and watercourses. The volume of water used during dust control and wash down activities shall be minimized to the extent practicable. Signage for wash down areas prohibiting the use of soaps, solvents, and detergents shall be used if necessary. A construction entrance wash down area shall also be established where indicated on the approved plans.
2. **Concrete Washout:** A concrete truck washout area shall be established onsite and clearly identified in a convenient area away from drainage facilities and watercourses. Signage shall be used to direct concrete haulers and identify the wash down areas. The concrete wastewater must be directed into leak-proof containers designed so that overflows will not occur due to inadequate sizing or precipitation.
3. **Dust Control Activities:** The volume of water used for dust control should be minimized to prevent runoff.
4. **Equipment / Vehicle Maintenance:** Equipment and onsite vehicles shall be inspected daily for leaks, equipment, damage, and other service problems. Repairs shall be made immediately, or the vehicles/equipment shall be removed from the project site. Drip pans and absorbent materials shall be placed under parked vehicles and equipment spills on pavement shall be cleaned with absorbent materials. A spill kit shall be maintained on site.
5. **Spill Prevention, Control, and Countermeasure:** Appropriate BMPs listed above shall be utilized to prevent the spill or accident releases associated with the above pollutants. If a spill or accident release occurs, the following entities shall be notified:
 - i. The Qualified Personnel (QP) as identified in this SWPPP;
 - ii. Fairfax County;
 - iii. Spills requiring emergency response shall be reported to 911;
 - iv. Spills not requiring emergency response shall be cleaned up and recorded in the SWPP. They shall also be reported to the site inspector;
 - v. The State of Virginia (DEQ)
6. **Hazardous Wastes:** Hazardous waste generation onsite shall be minimized to the extent practicable. For any necessary hazardous and toxic waste handling, storage, and disposal, the QP or other delegated authority shall implement an education or training opportunity for onsite workers and record the event in this Plan. Hazardous waste collection areas shall be designated onsite in areas that prevent contact with stormwater and individuals. Hazardous waste materials shall not accumulate.

7. **Material Handling and Storage:** Paint and other chemicals shall be mixed indoors or in a containment area. All excess paint shall be collected; paint cans, brushes, rags, and other absorbent materials when thoroughly dry, should also be disposed of with other construction debris. Soaps and detergents shall only be used as recommended on their labels and should be limited to use onsite.
8. **Paving and Grinding Operations:** Grindings and wastes must be removed and disposed of properly as work progresses. Grindings and wastes should be placed away from drainage facilities and watercourses and covered with plastic until they are removed from the site. These wastes should be removed from the site immediately.
9. **Trash and Debris:** Waste materials shall not be allowed to accumulate on the ground. Litter and debris shall be collected from the construction site daily. Trash and bulk waste-collection areas shall be established in a convenient area onsite and shall be clearly labeled for all workers and visitors. Debris and trash shall be kept under cover, either in a closed dumpster or other enclosed trash contained that limits contact with rain, runoff, and prevents light materials from blowing away.

Section 11

Contractor's Information

**OAKWOOD SUBDIVISION
SWPPP OPERATOR INFORMATION
05/24/24**

Operator :

Genuario Properties, Inc.
Louis V. Genuario, Jr./President
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-360-3134
Louis@genuariocompanies.com

Project Manager / Site Supervisor :

Genuario Properties, Inc.
Arthur Genuario
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-801-6559
Arthur@genuariocompanies.com

SWPPP Contacts :

Genuario Properties, Inc.
Arthur Genuario
8400 Radford Avenue, Suite 200
Alexandria, VA 22309
703-801-6559
Arthur@genuariocompanies.com
Rick Genuario / 703-360-3134 / Rick@genuariocompanies.com
Louis Genuario / 703-360-3134 / Louis@genuariocompanies.com

This SWPPP was prepared by:

Genuario Properties, Inc.

Emergency SWPPP Contact:

Arthur Genuario
703-801-6559

Section 12

Amendments, Modification, and Updates Log

Section 13

BMP/SWM Construction Inspection Checklist & Certification

3rd Party Construction Inspection Checklist and Certification: Filtering Practices

DEQ Spec. No. 12 & PFM 6-1316

Project Name: _____ Construction Firm: _____
 Co. Plan Number: _____ 3rd Party Inspection Firm: _____
 Site Address: _____ 3rd Party Inspector's Name: _____
 Latitude / Longitude: _____ °N _____ °W Contact Info / Phone Number: _____
 BMP ID Number as shown on plan and general location on the site: _____

- A certification is required for all SWM/BMP facilities under PFM 6-1300 et. seq.
- A Virginia licensed professional engineer or licensed professional meeting the exemption requirements of the Code of Virginia §54.1-401 must sign the certification at the end of this checklist.

Instructions:

- Check each item as complete, or write in "N/A" for those items that are not applicable.
- Fill in blanks for requested information on dimensions, materials, etc.
- Provide one or more photos for applicable items; checkboxes indicate items that require photos.

Pre-Installation Meeting and Site Preparation

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Pre-Installation Meeting with - contractor designated to install the facility - 3rd party inspector (or designee) A review of checklist and tentative schedule for interim inspections and sign-offs has been discussed	
<input type="checkbox"/>		Impervious cover constructed, free of equipment.	
<input type="checkbox"/>		Pervious areas stabilized with thick vegetation.	
<input type="checkbox"/>		Stormwater diverted around the filtration area to a stabilized and conveyance and perimeter E&S controls installed.	

Underground Structural Filter

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Horizontal location of BMP is in accordance with the approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Excavation of facility has achieved proper grades and required geometry for underground structural housing per approved plans.	
<input type="checkbox"/>		No groundwater seepage or standing water is present. Any standing water is dewatered to an acceptable dewatering device, and the design consultant has been notified.	
<input type="checkbox"/>	<input type="checkbox"/>	Placement of the structural housing and verification of internal and external plumbing invert elevations is per approved plans.	
<input type="checkbox"/>		Water-tightness test completed and signed off by contractor or vault supplier.	
<input type="checkbox"/>	<input type="checkbox"/>	Installation of perforated pipes and other piping per approved plans.	
<input type="checkbox"/>		Filter media installed to required depth per approved plans. Filter Media Type: _____ Depth of Filter Media: _____ ft.	
<input type="checkbox"/>		Connection of inlet and outlet pipes to the site drainage system per approved plans.	
<input type="checkbox"/>		Top width, height, side slopes of berms used to pond water in surface filters are per approved plan and PFM 6-1316.4D	
<input type="checkbox"/>		Elevation of inflow invert _____ ft. Elevation of outflow invert _____ ft. Depth of permanent pool in sedimentation chamber _____ ft.	

Surface Filter

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Horizontal location of BMP is in accordance with the approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Type of pre-treatment device: _____ _____	

3rd Party Construction Inspection Checklist and Certification: Filtering Practices

DEQ Spec. No. 12 & PFM 6-1316

Surface Filter (cont'd)

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Excavation of facility has achieved proper grades and required geometry for filter media placement per approved plans.	
<input type="checkbox"/>		No groundwater seepage or standing water is present. Any standing water is dewatered to an acceptable dewatering device, and the design consultant has been notified.	
<input type="checkbox"/>		Impermeable geotextile liner is placed per approved plans with no tears, holes, or excessive wrinkles.	
<input type="checkbox"/>		Filter fabric surrounding the filter media meets criteria in PFM 6-1316.5B	
<input type="checkbox"/>	<input type="checkbox"/>	Underdrain size and spacing installed per approved plans & criteria of PFM 6-1316.5A. Pipe Diameter _____ inches Material _____ Slope _____ Pipe Spacing _____ ft.	
<input type="checkbox"/>		Underdrain fittings & flow splitter/overflow by-pass system are in accordance with approved plans.	
<input type="checkbox"/>		Observation well(s) and clean-outs installed per approved plans. Number of Observation Wells: _____	
<input type="checkbox"/>	<input type="checkbox"/>	Perimeter berm height and overflow weir placed per approved plans. Berm height: _____ ft. Overflow Weir Height/Length: _____ ft.	
<input type="checkbox"/>		All aggregates (stone, sand, etc., as required) conform to specifications on approved plans.	
<input type="checkbox"/>		Verify filter media per approved plans. Filter Media Type: _____ Depth of Filter Media: _____ ft.	
<input type="checkbox"/>	<input type="checkbox"/>	Surface cover (vegetation, pea gravel, etc.) per approved plans. Type of cover (turf / pea gravel) _____	
		Elevation at Inflow Invert _____ ft. Elevation at Outflow/Overflow Invert _____ ft. Elevation at Bottom of Excavation _____ ft. Elevation at Top of Filter Layer _____ ft. Depth of Ponding Area _____ ft.	
<input type="checkbox"/>	<input type="checkbox"/>	Provide a photo of the BMP facility after completion of construction.	

Final Certification

I do hereby certify that this as-built information for the stormwater management/BMP facility was inspected by me (or by an individual under my responsible charge) and conforms to the approved plans, except as indicated.

Signature: _____

Date: _____

License Number (Seal): _____

("Certify" means to state or declare a professional opinion based on sufficient and appropriate onsite inspections and material tests conducted during construction)

3rd Party Construction Inspection Checklist and Certification: Filtering Manufactured Devices DEQ Clearinghouse & PFM 6-1320

Project Name: _____ Construction Firm: _____
 Co. Plan Number: _____ 3rd Party Inspection Firm: _____
 Site Address: _____ 3rd Party Inspector's Name: _____
 Latitude / Longitude: _____ °N _____ °W Contact Info / Phone Number: _____
 BMP ID Number as shown on plan and general location on the site: _____

- A certification is required for all SWM/BMP facilities under PFM 6-1300 et. seq.
- A Virginia licensed professional engineer or licensed professional meeting the exemption requirements of the Code of Virginia §54.1-401 must sign the certification at the end of this checklist.

Instructions:

- Check each item as complete, or write in "N/A" for those items that are not applicable.
- Fill in blanks for requested information on dimensions, materials, etc.
- Provide one or more photos for applicable items; checkboxes indicate items that require photos.

Filtering Manufactured Device

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Pre-Installation Meeting with - contractor designated to install the facility - 3rd party inspector (or designee) A review of checklist and tentative schedule for interim inspections and sign-offs has been discussed	
<input type="checkbox"/>	<input type="checkbox"/>	MTD Manufacturer: _____ MTD Name / Model: _____	
<input type="checkbox"/>		Pervious areas within contributing drainage area are fully stabilized with appropriate vegetation prior to the installation of any filter media.	
<input type="checkbox"/>		Impervious cover constructed, free of construction equipment, material storage, etc. prior to the installation of any filter media.	
<input type="checkbox"/>	<input type="checkbox"/>	Stormwater runoff has been temporarily diverted around BMP during the construction. Note: Filter chambers may be installed with the storm drainage system but no internal components are to be installed until site is stabilized and chamber is flushed.	
<input type="checkbox"/>	<input type="checkbox"/>	Filter area and depth is in accordance with approved plans and manufacturer's specifications for filter chambers and/or filter beds.	
<input type="checkbox"/>	<input type="checkbox"/>	Cartridge filter systems have proper number of filters per approved plan and inserted in chamber (date of installation)	
<input type="checkbox"/>	<input type="checkbox"/>	For Filterra units, the number of trees and the media material meet the specifications in the approved plan.	
<input type="checkbox"/>	<input type="checkbox"/>	For Stormtech Isolator Row: Verify 2 layers of woven geotech fabric underlie one of the arched rows with maintenance access.	
<input type="checkbox"/>	<input type="checkbox"/>	StormTank Module Debris Row: Verify that the 12" of geotech fabric is installed per plan and that the number of side panels matches the design on the approved plan.	
<input type="checkbox"/>	<input type="checkbox"/>	Pretreatment: Type of pretreatment device: _____ Material: _____ Diameter or length/width: _____ Invert-in elev. _____ Invert out elev. _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>		Inflow pipe: Material: _____ Diameter: _____ in. Invert-in elev. _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>		Overflow Bypass: Type of overflow bypass: _____ Diameter: _____ in. Invert-in elev. _____ Invert-out elevation: _____	
<input type="checkbox"/>	<input type="checkbox"/>	Provide photo of installed BMP before placement of backfill	

Final Certification

I do hereby certify that this as-built information for the stormwater management/BMP facility was inspected by me (or by an individual under my responsible charge) and conforms to the approved plans, except as indicated.

Signature: _____ Date: _____

License Number (Seal): _____

("Certify" means to state or declare a professional opinion based on sufficient and appropriate onsite inspections and material tests conducted during construction)

3rd Party Construction Inspection Checklist and Certification: Hydrodynamic Manufactured Devices DEQ Clearinghouse & PFM 6-1321

Project Name: _____ Construction Firm: _____
 Co. Plan Number: _____ 3rd Party Inspection Firm: _____
 Site Address: _____ 3rd Party Inspector's Name: _____
 Latitude / Longitude: _____ °N _____ °W Contact Info / Phone Number: _____
 BMP ID Number as shown on plan and general location on the site: _____

- A certification is required for all SWM/BMP facilities under PFM 6-1300 et. seq.
- A Virginia licensed professional engineer or licensed professional meeting the exemption requirements of the Code of Virginia §54.1-401 must sign the certification at the end of this checklist.

Instructions:

- Check each item as complete, or write in "N/A" for those items that are not applicable.
- Fill in blanks for requested information on dimensions, materials, etc.
- Provide one or more photos for applicable items; checkboxes indicate items that require photos.

Hydrodynamic Manufactured Devices

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Pre-Installation Meeting with - contractor designated to install the facility - 3rd party inspector (or designee) - assigned County site inspector A review of checklist and tentative schedule for interim inspections and sign-offs has been discussed	
<input type="checkbox"/>	<input type="checkbox"/>	MTD Manufacturer: _____ MTD Name / Model: _____	
<input type="checkbox"/>		All sediment, debris, greases and oils were removed from the device once site was fully stabilized.	
<input type="checkbox"/>		Inflow pipe: Material: _____ Diameter: _____ in. Invert-in elev. (if accessible) _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>		Outflow pipe: Material: _____ Diameter: _____ in. Invert-out elev. (if accessible) _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>	<input type="checkbox"/>	Overflow Bypass was constructed per the approved plans Y _____ N _____	
<input type="checkbox"/>	<input type="checkbox"/>	Provide photo of installed BMP before placement of backfill	

Final Certification

I do hereby certify that this as-built information for the stormwater management/BMP facility was inspected by me (or by an individual under my responsible charge) and conforms to the approved plans, except as indicated.

Signature: _____ Date: _____

License Number (Seal): _____

("Certify" means to state or declare a professional opinion based on sufficient and appropriate onsite inspections and material tests conducted during construction)

Section 14

Site Inspection Reports