

Regulatory SWPPP Inspections

Department of Environmental
Quality Office of Training Services

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Ground Rules



- Silence your cell phones
- Ask questions, engage
- Speak and share your thoughts
- Be supportive of all participants

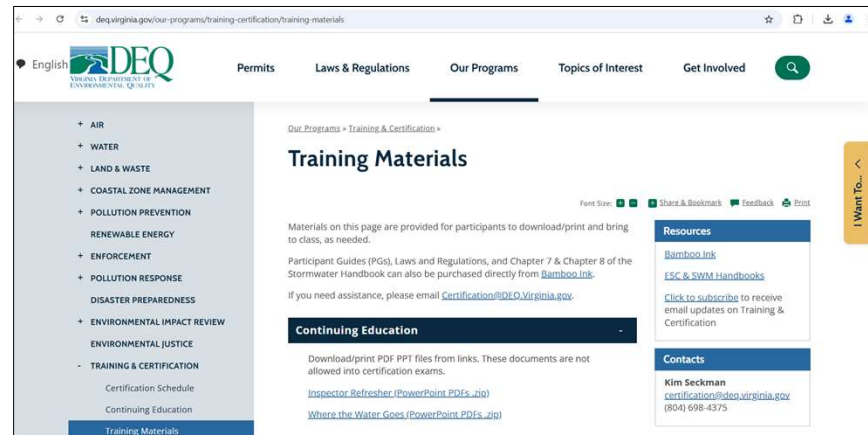
Module I



2

Materials for today's class

<https://www.deq.virginia.gov/our-programs/training-certification/training-materials>



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- Virginia Erosion Stormwater Management Act (VESMA) - Effective July 1, 2024
- NEW! Virginia Stormwater Management Handbook – Online – July 1, 2024
- CGP update – July 1, 2024

Module I



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NEWS

- Turbidity Monitoring Guidance – VDOT Turbidity Monitoring -
<https://www.youtube.com/watch?v=qReho33ncfA>
- DEQ online recorded CE classes -
<https://www.deq.virginia.gov/our-programs/training-certification/continuing-education>

Module I



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NEWS

Training & Certification

Stormwater and Erosion Training



CERTIFICATION SCHEDULE



RD



CONTINUING EDUCATION



QUALIFIED PERSONNEL

Resources

[Licensed Professional FAQ](#)
[Environmental Learning Management System \(ELMS\)](#)
[Certification Accreditation Tracking System \(CATS\)](#)
[Certified Users Search Tool](#)
[ESC & SWM Handbooks](#)
[ESC AutoCAD](#)
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Qualified Person
 Training
<https://www.deq.virginia.gov/our-programs/training-certification>

Module I



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Continuing Education Courses

<https://www.deq.virginia.gov/our-programs/training-certification/continuing-education>

EVENT	DATE/TIME
Refresher for Inspectors (Full - Fairfax)	05/28/2025 8:30 AM - 4:30 PM
Regulatory SWPPP Inspections (Fairfax)	05/29/2025 8:30 AM - 4:30 PM
Large Scale Construction Site Inspections (Wytheville)	06/18/2025 8:30 AM - 4:30 PM
Using the Virginia Stormwater Management Handbook (Hampton)	07/09/2025 8:30 AM - 4:30 PM
Using the Virginia Stormwater Management Handbook (Richmond)	08/13/2025 8:30 AM - 4:30 PM
Large Scale Construction Site Inspections (VA Beach)	09/09/2025 8:30 AM - 4:30 PM
Refresher for Inspectors (Richmond)	10/15/2025 8:30 AM - 4:30 PM
Using the Virginia Stormwater Management Handbook (Fairfax)	11/06/2025 8:30 AM - 4:30 PM
Large Scale Construction Site Inspections (Harrisonburg)	11/13/2025 8:30 AM - 4:30 PM
Using the Virginia Stormwater Management Handbook (Wytheville)	12/17/2025 8:30 AM - 4:30 PM



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Agenda

8:30 – 9:30	Module 1 – Introduction , Laws and Regulations
9:30 – 10:00	Module 2 – SWPPP development and review
10:00 – 10:15	Break
10:15 – 11:15	Module 2 – Continued
11:15 – 12:00	Module 3 – SWPPP Inspections
12:00 – 1:00	Lunch
1:00 – 2:00	Module 3 – Continued
2:00 – 2:15	Break
2:15 – 3:00	Module 4 – Class Exercise
3:00 – 3:30	Module 5 – Situational Awareness



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The purpose of this class

PLEASE NOTE – This course is not one of the required prerequisite classes for taking either ESC or SWM certification exams.



Module 1



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Module 1

Course Overview and Introduction



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Course Objectives

1. SWPPP basics
2. SWPPP development
3. SWPPP review for inspectors
4. SWPPP site inspections
5. Difficult situations with SWPPPs



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SWPPP Basics

What is a SWPPP?



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What is a SWPPP?

S = Storm

W = Water

P = Pollution

P = Prevention

P = Plan



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Why do we have a SWPPP?



It's the Law! ➔

The Virginia Erosion and
Stormwater
Management Act

Clean Water Act! ➔
CGP

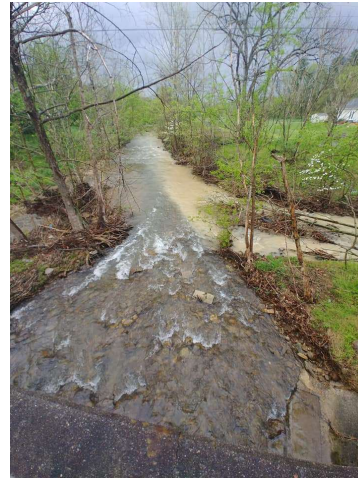
Is there more to it?



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Why do we have a SWPPP?

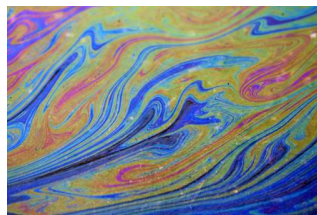
To protect the environment, while not being against building or development, building or development needs to be done sustainably and as clean as possible



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Stormwater Pollution Prevention

- SW
- ESC



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Timeline

The 2019 General VPDES Permit for Discharges of Stormwater from Construction Activities **expired on June 30, 2024**. Per the permit regulation, any operator who was authorized to discharge under the expiring general permit and who intends to continue coverage needed to submit **a new registration statement at least 60 days prior to the expiration date**. A complete and accurate registration statement should have been submitted **no later than May 1, 2024**.



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Common requirements!



Spelled out in the
law and regulations



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What laws, regulations or statutes address the SWPPP?

- SWML
- VESMA – 9 VAC25-875
- CGP (Part II) – 9VAC25-880
- Local Ordinances



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Digging Deeper

The Law and Regulations



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Definition - 9VAC25-875-20

Stormwater Pollution Prevention Plan (SWPPP)

A document that is prepared in accordance with **good engineering practices** and that **identifies potential sources of pollutants** that may reasonably be expected to affect the quality of stormwater discharges. A SWPPP required under a VESMP or VSMP for construction activities shall identify and require the implementation of **control measures** ...



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Definition - 9VAC25-875-20

and shall include or incorporate by reference:

an **approved erosion and sediment control plan**,

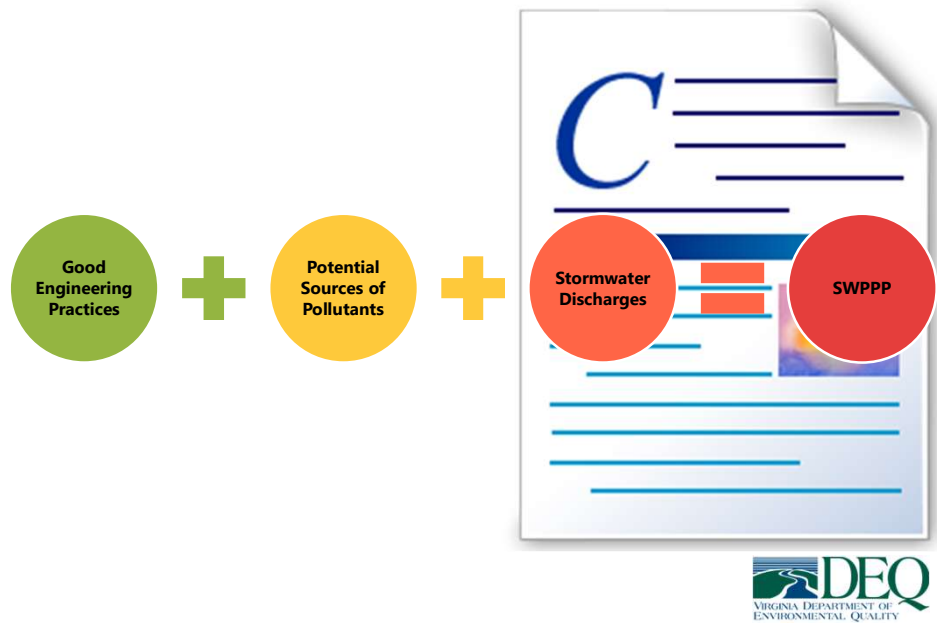
an **approved stormwater management plan**, and

a **pollution prevention plan**.



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What is a SWPPP?



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Where does the layout of a SWPPP come from?

9VAC25-880-70 General Permit, Part II STORMWATER POLLUTION PREVENTION PLAN

General Permit No.: VAR10
Effective Date: July 1, 2024
Expiration Date: June 30, 2029

GENERAL VPDES PERMIT FOR DISCHARGES OF
STORMWATER FROM CONSTRUCTION ACTIVITIES
AUTHORIZATION TO DISCHARGE UNDER THE VIRGINIA
EROSION AND STORMWATER MANAGEMENT PROGRAM
AND THE VIRGINIA EROSION AND STORMWATER
MANAGEMENT ACT



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What does the Regulation require?

Part II STORMWATER POLLUTION PREVENTION PLAN

1. General Information
2. Erosion and Sediment Control Plan
3. Stormwater Management Plan
4. Pollution Prevention Plan
5. SWPPP requirements for discharges to nutrient and sediment impaired waters



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What does the Regulation require?

Part II

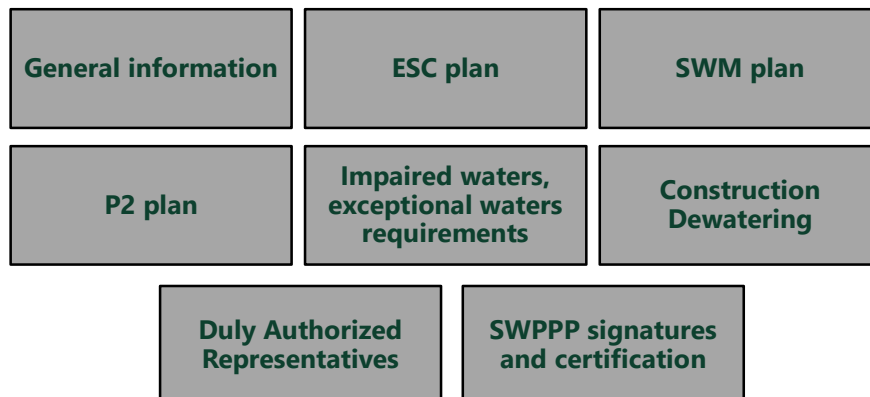
STORMWATER POLLUTION PREVENTION PLAN

6. Requirements for discharges exceptional waters
7. Requirements for dewatering discharges
8. Duly authorized representatives
9. SWPPP Signatures and certification
10. Appendixes

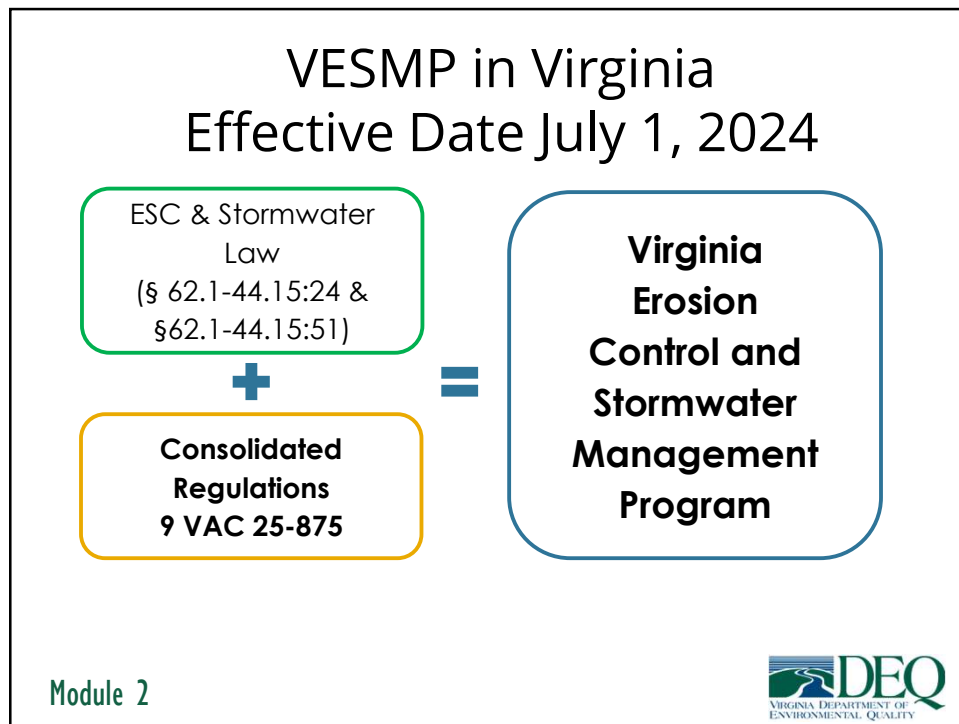


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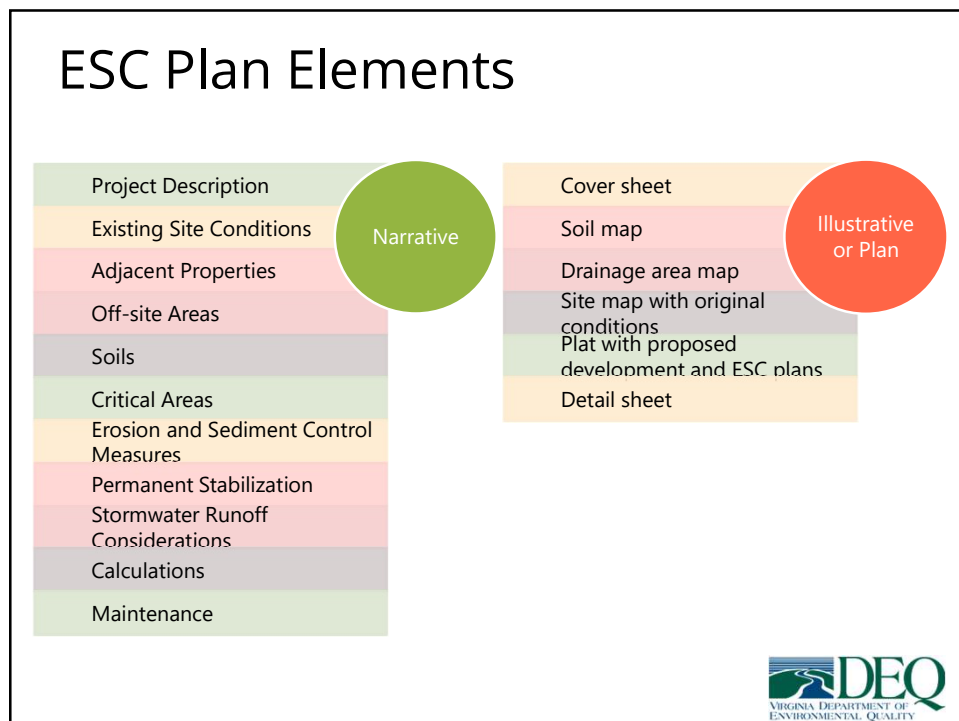
Bringing it back SWPPP: Minimum Components



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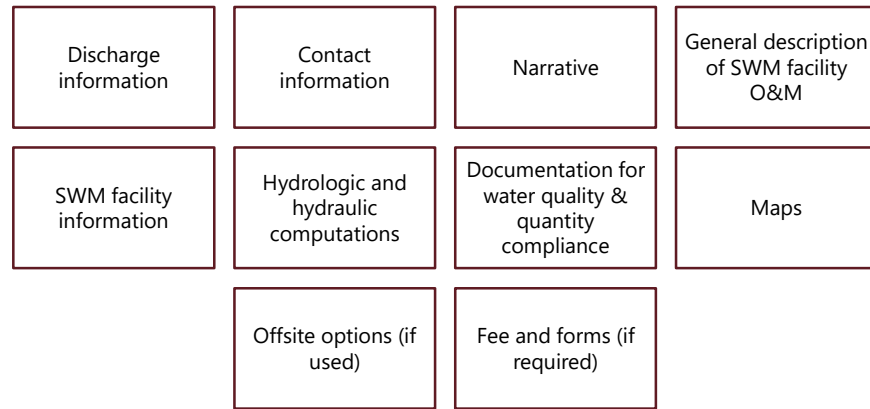


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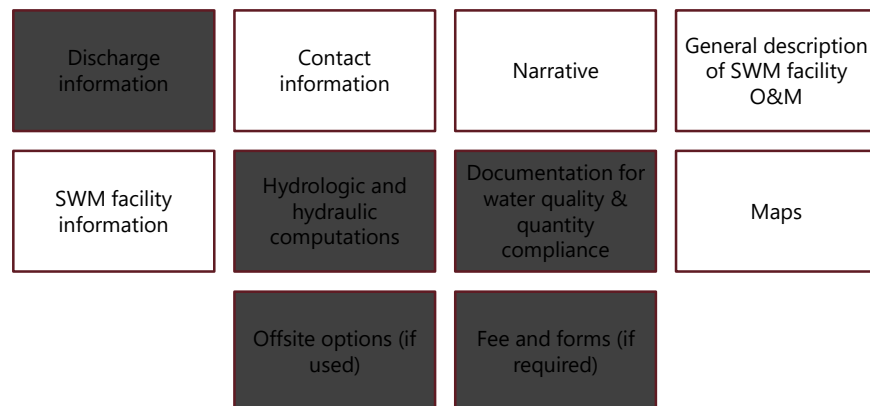
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Elements of a SWM Plan



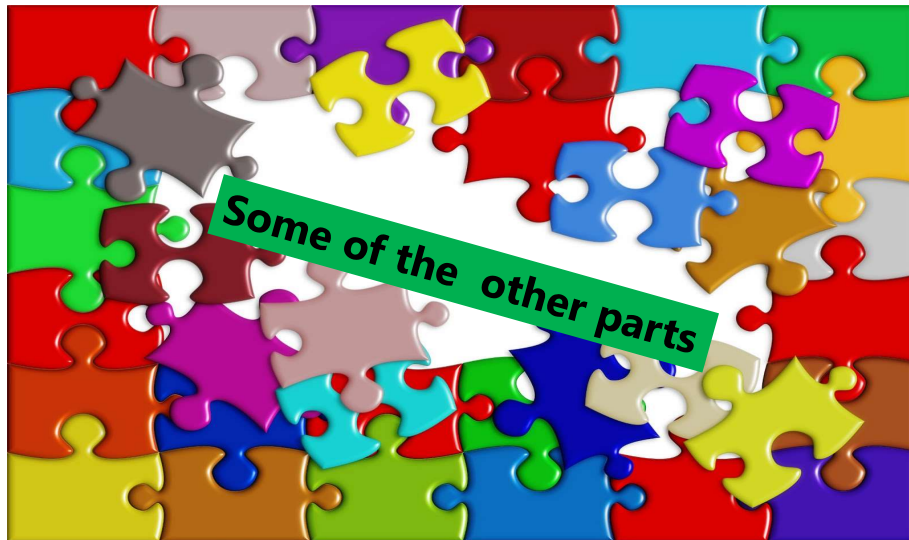
35

Elements of a SWM Plan



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Elements of a SWPPP



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Contact Information

- Name, address, telephone number, and email address of the owner,
- Tax reference number and parcel number of the property or properties affected.



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Narrative

Description of current site conditions and final site conditions



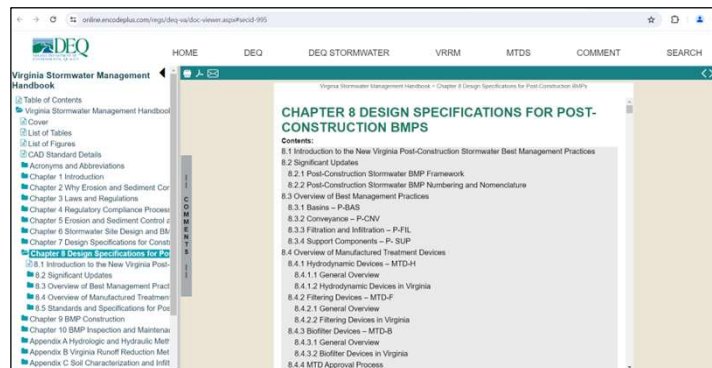
What are you building here?



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SWM Facility O&M

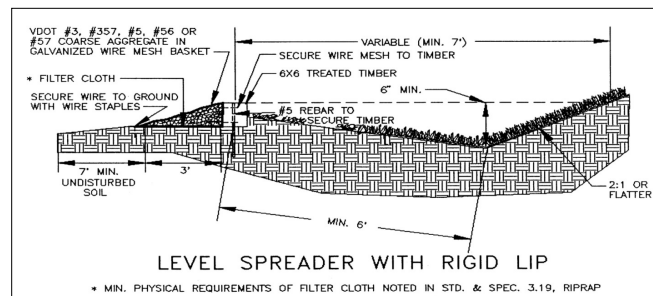
- Proposed stormwater management facilities and the mechanisms through which the facilities will be operated and maintained
- Virginia Stormwater Clearinghouse BMPs – SWMHB, Ch. 8



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SWM Facility Information

- Type of facilities
- Location, including geographic coordinates
- Acres treated
- Surface waters or karst features



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Maps

Need to depict site's topography

- ✓ All contributing drainage areas
- ✓ Existing streams, ditches, wetlands, etc.
- ✓ Current land uses
- ✓ Info on adjoining parcels - assess SWM impacts



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Maps

Need to depict site's topography

- ✓ Limits of clearing/grading/proposed drainage patterns
- ✓ Proposed buildings, roads, parking areas, utilities, BMPs
- ✓ Proposed land uses with percent surface areas



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The P2 Plan

Pollution prevention (P2) plan

Minimize



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The P2 Plan

Pollution prevention (P2) plan



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Special Conditions



- SWPPP should identify impaired water and the specific impairment (**Nutrients, sediment, clarity and PCB**)
- Special inspection frequency → 4 days or 5 days and within **24** hours of a measurable storm event
- Identify exceptional waters with same inspection frequency and impaired waters



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Special Conditions



What are exceptional waters?

The designation of a waterbody as an Exceptional State Water is a regulatory amendment to the Antidegradation Policy section of Virginia's Water Quality Standards regulation.



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Special Conditions



What are exceptional waters?

- 9VAC25-260-30-3.a,b,c - Surface waters or portions
 - Provide exceptional environmental settings
 - Exceptional aquatic communities
 - Exceptional recreational opportunities
- Thirty VA waterways currently listed as ESW



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9VAC25-875-150 Enforcement

Violations include, but are not limited to:

- No state permit registration Including CGP
- No SWPPP
- Incomplete SWPPP
- SWPPP not available for review
- No approved ESC, SWM, or ESM plan(s)
- Failure to install C-BMPs or P-BMPs



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9VAC25-875-150 Enforcement



- Failure to install or maintain C-BMPs or P-BMPs
- Operational deficiencies
- Failure to conduct required inspections
- Incomplete, improper, or missed inspections
- Discharges not in compliance with CGP




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Questions?




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Module 2

The SWPPP, development and review



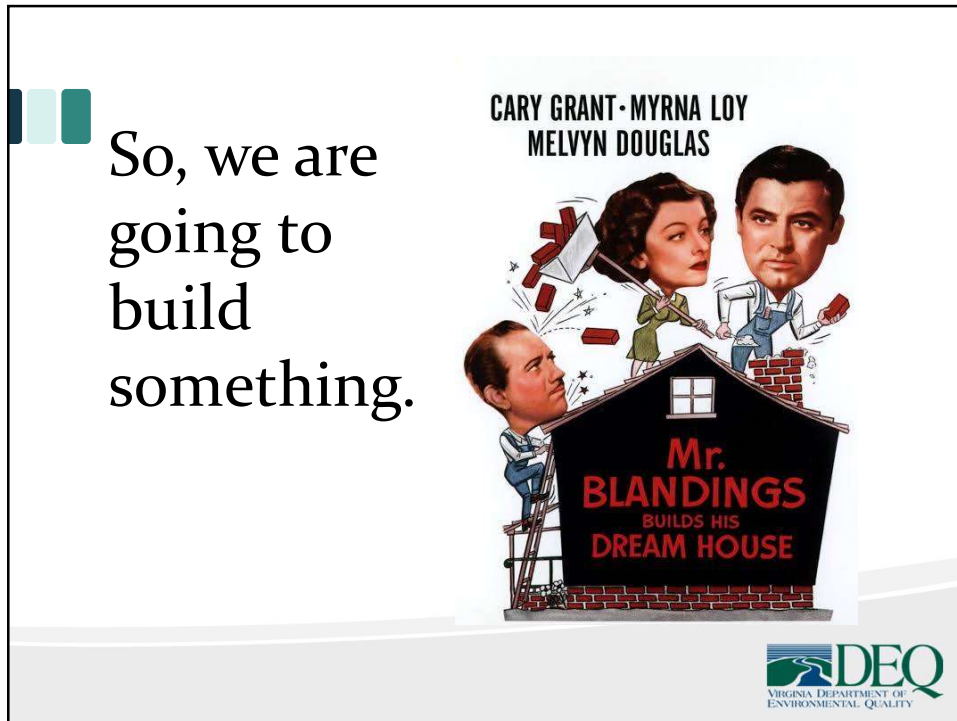
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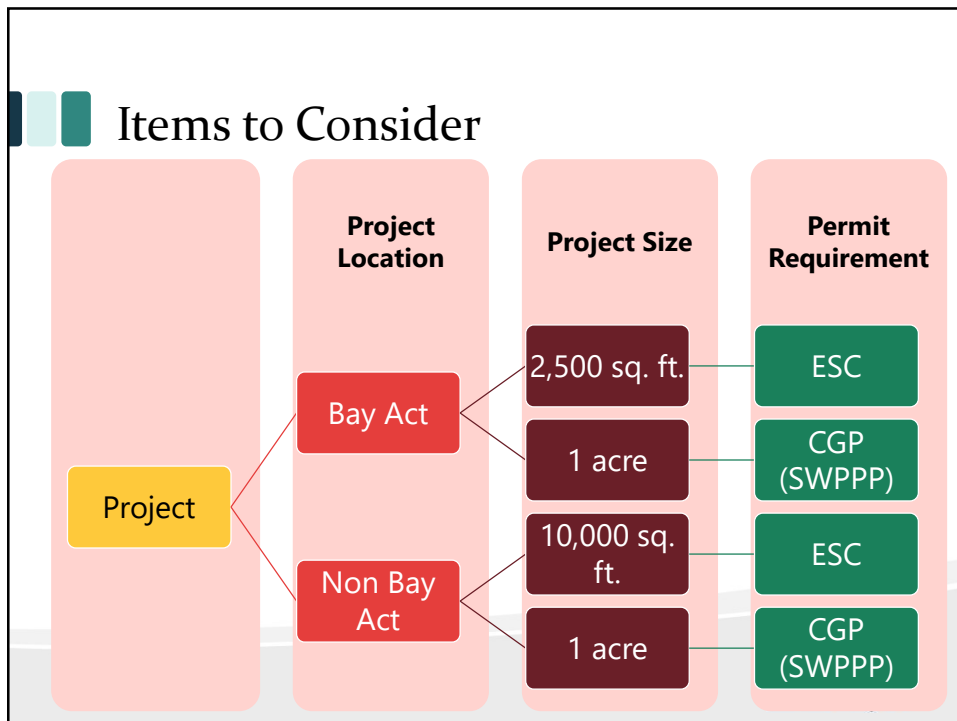
Developing the SWPPP



2

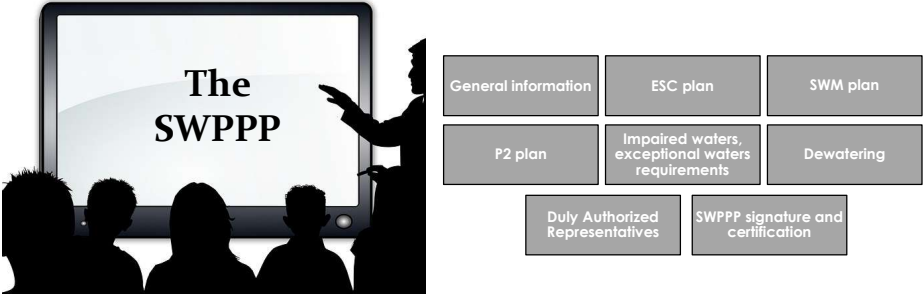


3




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Development of a SWPPP



General Information	ESC plan	SWM plan
P2 plan	Impaired waters, exceptional waters requirements	Dewatering
Duly Authorized Representatives	SWPPP signature and certification	





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Development of a SWPPP





6

Development of a SWPPP

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The **BIG** Test – CGP Part II




SWPPP → when should it be available:

- To Regulatory Community?
- To the Public?

SWPPP → where should it be available:

- To Regulatory Community?
- To the Public?



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CGP Part II

At a minimum the permit coverage letter should be posted at the entrances

All or part of the SWPPP is posted at the entrance of the project



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CGP Part II

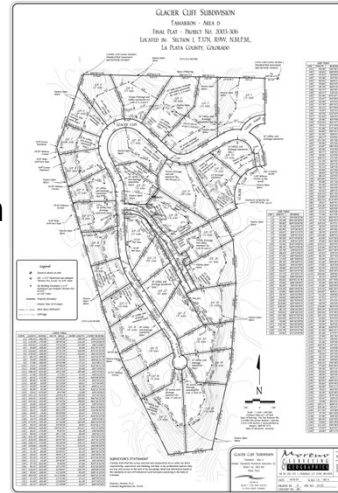
When the SWPPP is not located at the entrance of the project the contractor must post the location of SWPPP and contact information to gain access to SWPPP at the main entrance.



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How about single lots in a subdivision?

- Post the SWPPP at the entrance of the project
- Post lot specific information at each lot = inspection, grading, etc.




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SWPPP and Linear Projects

- Copy of permit coverage letter at all locations where the project crosses a public road




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SWPPP Checklists

(Pre-Construction reviews Examples from localities)

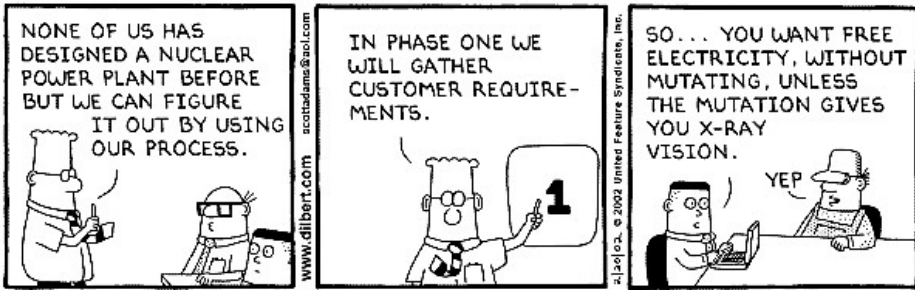


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Pre-Construction Meeting

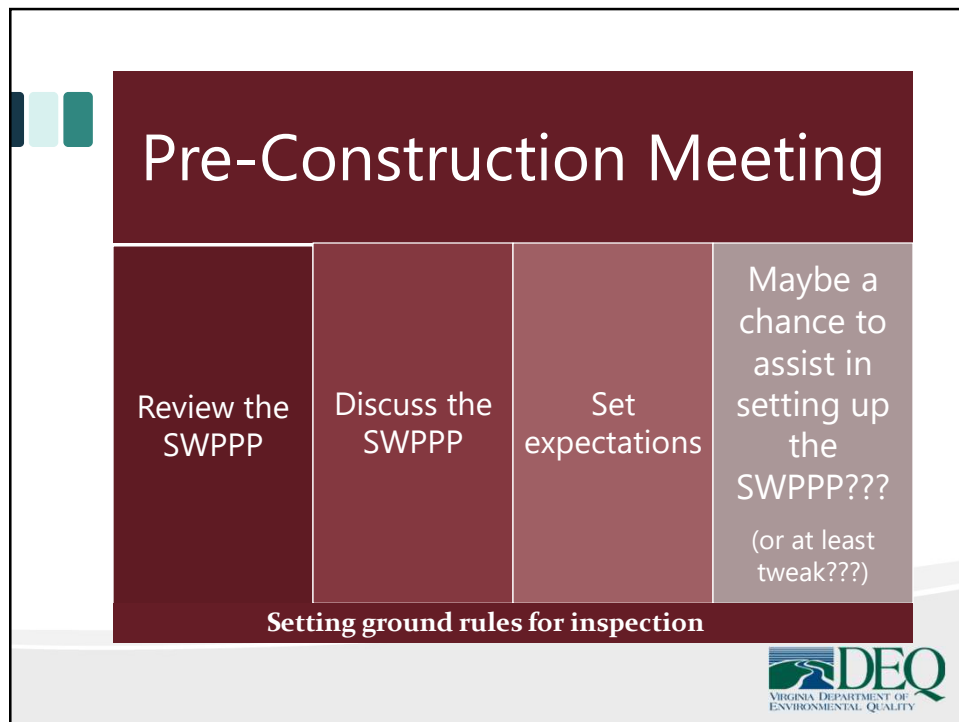
- Not required by law or regulations
- Highly recommended



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Pre-Construction Meeting

Very common issues/questions

1. Do you have your permits and approved plans?
2. If so, where are they? → **Show me!**



IDEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Pre-Construction Meeting


Very common issues/questions

3. What permits and approved plans are we looking for?

- ESC Plan/Land Disturbance Permit (+ support areas)
- SWM Plan
- VWP, ACOE, VWRP - wetland permits, endangered species, historic significant site, time of year
- VWP Water Withdrawal




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Pre-Construction Meeting Checklist

SWPPP INSPECTION BOOK CONTENTS PRE-CONSTRUCTION INSPECTION CHECK LIST

<u>Yes</u>	<u>No</u>	
<input type="checkbox"/>	<input type="checkbox"/>	1. Copy of VAR10 (VSMP General Permit) and Posted Near the Construction Entrance. *NOTE* Ground Breaking may not commence without the VAR10 Permit and the submittal of Registration Statement.
<input type="checkbox"/>	<input type="checkbox"/>	2. Registration Statement and Posted Near Construction Entrance.
<input type="checkbox"/>	<input type="checkbox"/>	3. Copy of 2014 CGP 9 VAC25-880.
<input type="checkbox"/>	<input type="checkbox"/>	4. SWPPP Amendment (LAND OWNER AFFIDAVIT THAT ALL INFO. IN THE SWPPP IS ACCURATE TO BE BEST OF HIS/HER KNOWLEDGE).
<input type="checkbox"/>	<input type="checkbox"/>	5. Delegation of Authority form. Land Owner signature Person chosen as the AUTHORITY to make changes in the SWPPP book.
<input type="checkbox"/>	<input type="checkbox"/>	6. Site Maps (PREPARED BY YOUR ENGINEER).
<input type="checkbox"/>	<input type="checkbox"/>	7. An approved Erosion and Sediment Plan (COPY OF YOUR E&S PLAN MUST BE ON SITE).




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Pre-Construction Meeting Checklist

- ☐ ☐ 8. An approved Stormwater Management Plan (COPY OF YOUR SWM PLAN MUST BE ON SITE).
- ☐ ☐ 9. P2 Plan (Pollution Prevention Plan)... List of Potential Pollutants/Gas, Oil, and ETC. Specific on site what Sub-Contractors may be bringing in. What you as the builder/RLD are using on site. What measure are being implemented to prevent pollution. (PREPARED BY THE OPERATOR).
- ☐ ☐ 10. Nearest Waterways Identified (MAP WITH YOUR JOB SITE AND WATERWAYS OUTSIDE YOUR BOUNDRIES) Showing Which Waterways are Directly Affected. (PREPARED BY THE ENGINEER).
- ☐ ☐ 11. Calculation TMDL/Storm Water Calculations Maximum Daily Load (Total Material Discharge Limit) i.e. Amount of Pollutants Allowed per Day (PREPARED BY YOUR ENGINEER).
- ☐ ☐ 12. Corrective Action Form/Emergency Spill/Pollutants/Emergency Contacts/Action Taken. (PREPARED BY YOUR OFFICE, WHO YOUR OFFICE HAS HIRED ON STANDBY).

Page 1 of 2




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Pre-Construction Meeting Checklist

Yes
No

- ☐ ☐ 13. Inspection Form/Site INSP E&S. (INSPECTIONS PREFORMED AND SIGNED BY THE QUALIFIED PERSON). Inspections must be Performed Every 4 Days, No More Than 5 and 48HRS after a STORM Event.
- ☐ ☐ 14. Grading and Stabilization Activities Log. (LOG ENTRIES OF DISTURBED LAND, I.E. STOCKPILES MOVED, CREATED. WHERE HAULING DIRT CAME FROM AND HAULED OFF TO).BACK PAGE.
- ☐ ☐ 15. Subcontractor Certifications/Agreements. (LOG OF SUB-CONTRACTORS HIRED TO PREFORM WORK ON YOUR SITE SIGNED BY THE OWNER OR REP. OF THAT COMPANY THAT THIS SITE IS UNDER THE SWPPP PROGRAM).
- ☐ ☐ 16. Termination of Permit: (OFFICIAL FORM PROVIDED BY THE DSC, (DEVELOPMENT SERVICES CENTER) FOR THE CONSTRUCTION ACTIVITY OPERATOR). TO BE FILED OUT AT THE END OF THE PROJECT WHEN ALL AREAS PERMITTED ARE STABILIZED AND SUBMITTED TO THE DSC (DEVELOPMENT SERVICES CENTER)



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Pre-Construction Meeting Checklist

Helps put the SWPPP together (3-page instruction sheet)

Bring:

- 3-ring binder
- 20 tabs (32 better subdivision)
- Documents
- + List of Site Requirements
 - Address board
 - Sign
 - Trailer (marker, cones)
 - Dumpster (Permit/marker/cones/cover)
 - List of special BMP instructions
 - Fines for MS-4 infractions

Guarantees consistency and compliance?



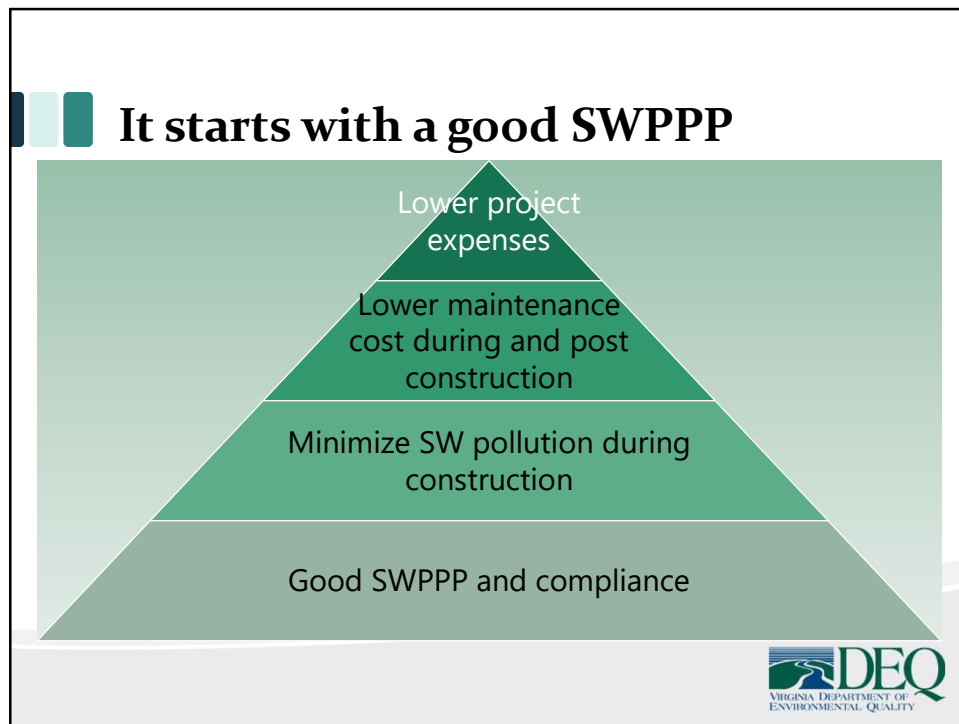
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Inspectors VS Builders/Developers

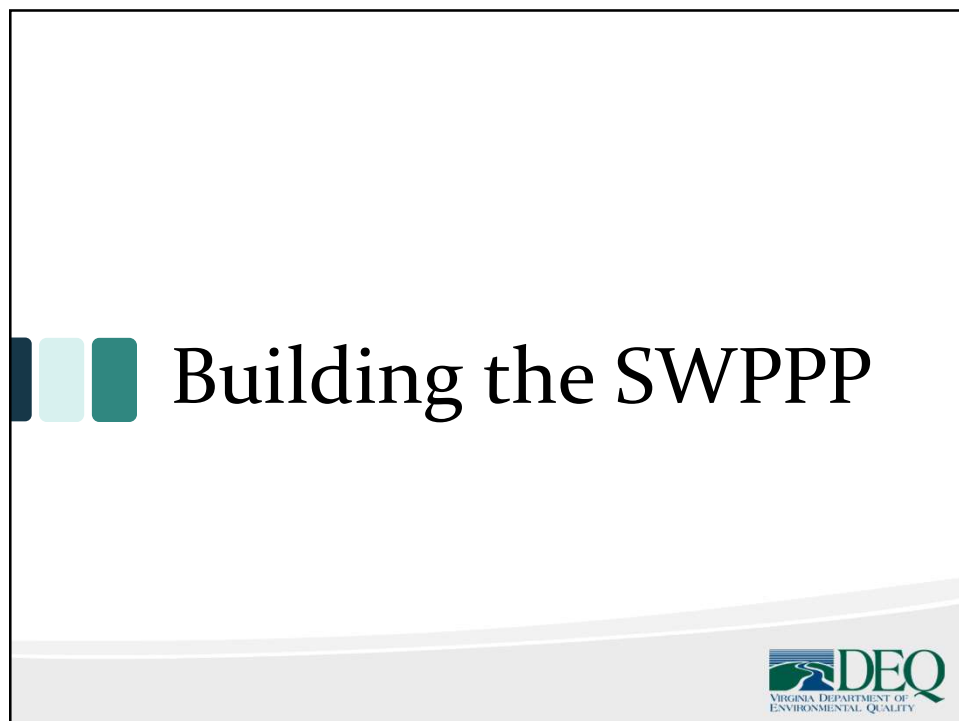
- We are not their adversaries.
- We are not there to prevent constructions.
- We are there to help them comply with the laws and regulations.




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US EPA's: SWPPP Template – Authorized States

EPA created this SWPPP Template to help you develop a SWPPP that is compliant with the minimum requirements of Part 7 of [EPA's 2022 Construction General Permit](#) ("2022 CGP") and is customizable to your specific project and site.

<https://www.epa.gov/system/files/documents/2022-01/swppp-template.docx>



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US EPA's: SWPPP Template – Authorized States

Great start, but...

- Is a template and not cast in stone!
- Needs to reflect the terms and conditions of your construction general permit, and
- Reflect the conditions at your site (all sites and construction activities are different!)



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EPA 2022 SWPPP Table of Contents

- You do not need to use all sections
- Use what applies to the project
- Use tabs for easy look up
- <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates#swppp>



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EPA's 2022 SWPPP Table of Contents

Stormwater Pollution Prevention Plan (SWPPP)	
INSERT PROJECT NAME	
Contents	
SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES	1
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Stormwater Pollution Prevention Plan (SWPPP)
 INSERT PROJECT NAME

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EPA's 2022 SWPPP Appendices

Stormwater Pollution Prevention Plan (SWPPP)
 INSERT PROJECT NAME

SWPPP APPENDICES

Attach the following documentation to the SWPPP:

Appendix A – Site Maps

Appendix B – Copy of 2022 CGP

(Note: The 2022 CGP is available at <https://www.epa.gov/npdes/2022-construction-general-permit-cgp>)

Appendix C – NOI and EPA Authorization Email

Appendix D – Site Inspection Form and Dewatering Inspection Form (if applicable)

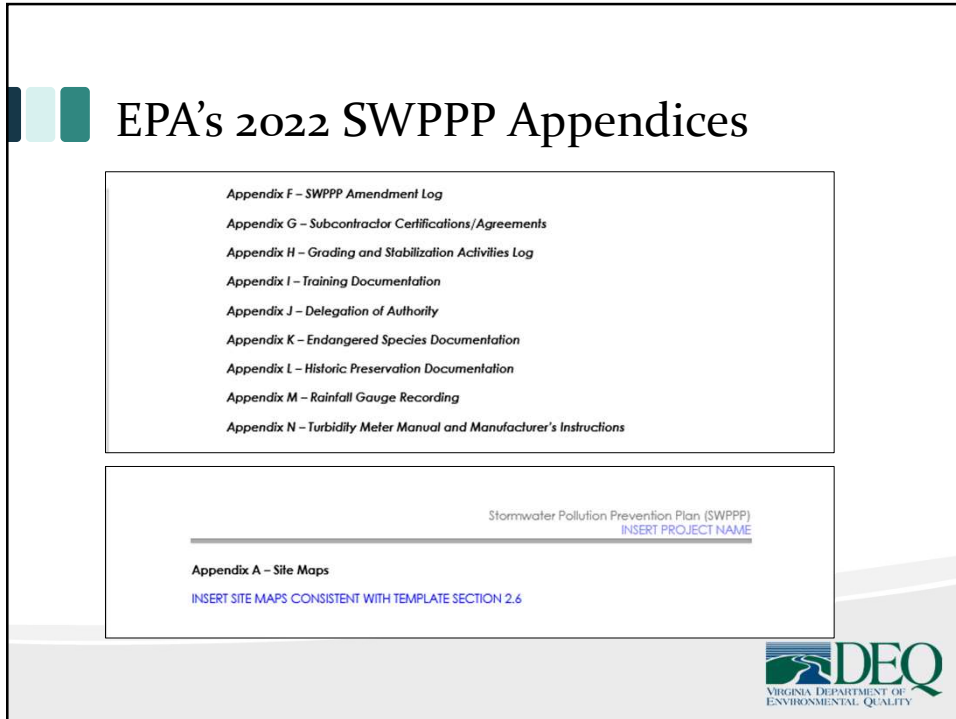
(Note: EPA has developed a sample site inspection form template that CGP operators can use. The template is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>). Where the operator will be dewatering at the site, EPA has developed a separate dewatering inspection form template to use to document the required information. This template is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>.)

Appendix E – Corrective Action Log

(Note: EPA has developed a sample corrective action log that CGP operators can use. The form is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>.)



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EPA's 2022 SWPPP Appendices

Appendix F – SWPPP Amendment Log

Appendix G – Subcontractor Certifications/Agreements

Appendix H – Grading and Stabilization Activities Log

Appendix I – Training Documentation

Appendix J – Delegation of Authority

Appendix K – Endangered Species Documentation


Appendix L – Historic Preservation Documentation

Appendix M – Rainfall Gauge Recording

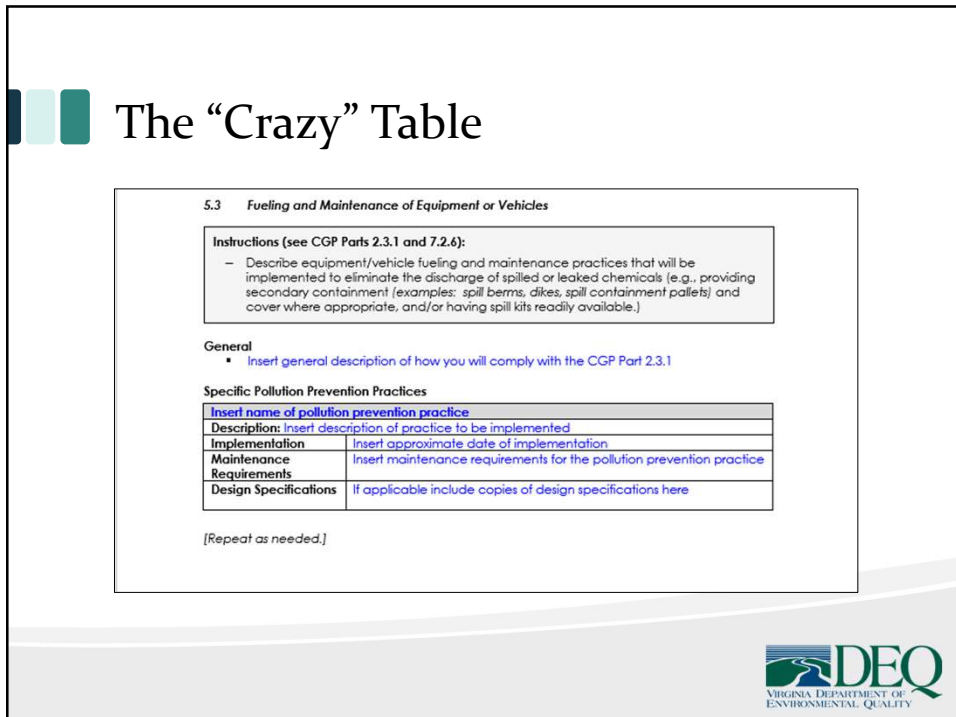
Appendix N – Turbidity Meter Manual and Manufacturer's Instructions

Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

Appendix A – Site Maps
INSERT SITE MAPS CONSISTENT WITH TEMPLATE SECTION 2.6



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The “Crazy” Table

5.3 Fueling and Maintenance of Equipment or Vehicles

Instructions (see CGP Parts 2.3.1 and 7.2.6):

- Describe equipment/vehicle fueling and maintenance practices that will be implemented to eliminate the discharge of spilled or leaked chemicals (e.g., providing secondary containment (examples: spill berms, dikes, spill containment pallets) and cover where appropriate, and/or having spill kits readily available.)


General

- Insert general description of how you will comply with the CGP Part 2.3.1

Specific Pollution Prevention Practices

Insert name of pollution prevention practice	
Description:	Insert description of practice to be implemented
Implementation	Insert approximate date of implementation
Maintenance Requirements	Insert maintenance requirements for the pollution prevention practice
Design Specifications	If applicable include copies of design specifications here

[Repeat as needed.]



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Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

Stormwater Pollution Prevention Plan (SWPPP)

For Construction Activities At:
 Insert Project/Site Name
 Insert Project Site Location/Address
 Insert City, State, Zip Code
 Insert Project/Site Telephone Number


SWPPP Prepared For:
 Insert Operator Company or Organization Name
 Insert Name
 Insert Address
 Insert City, State, Zip Code
 Insert Telephone Number
 Insert Fax/Email

SWPPP Prepared By:
 Insert Company or Organization Name
 Insert Name
 Insert Address
 Insert City, State, Zip Code
 Insert Telephone Number
 Insert Fax/Email

SWPPP Preparation Date:
 Insert Date

Estimated Project Dates:

Project Start Date: Insert Date
 Project Completion Date: Insert Date



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Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING


2.1 Project/Site Information

Instructions (see "Project/Site Information," Section IV of Appendix H – NOI Form and Instructions):
 – In this section, compile basic site information that will be helpful when you file your NOI.

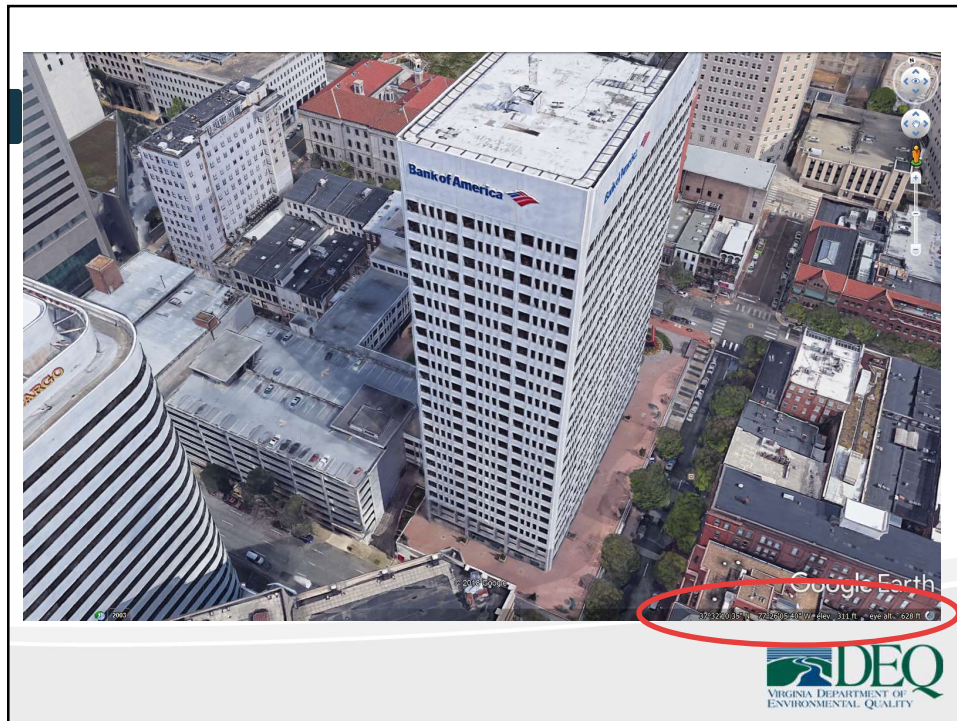
Project Name and Address
 Project/Site Name: Insert Text Here
 Street/Location: Insert Text Here
 City: Insert Text Here
 State: Insert Text Here
 ZIP Code: Insert Text Here
 County or Similar Government Division: Insert Text Here

Project Latitude/Longitude
 Latitude: ____° ____' ____" N (decimal degrees)
 Longitude: ____° ____' ____" W (decimal degrees)
 Latitude/longitude data source: ☐ Map ☐ GPS ☐ Other (please specify): _____
 Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 ☐ WGS 84

The registration statement requires decimal degrees



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Converters from Latitude/Longitude to Decimal

- <https://www.fcc.gov/media/radio/dms-decimal>
- <http://andrew.hedges.name/experiments/convert-lat-long/>

Useful Links:

- [Hydrologic unit codes \(HUC\), receiving waters, and the latitude and longitude of your construction activity](#)
- [Instructions for using DEQ's GIS Mapping Application to obtain the HUC, receiving waters, and latitude and longitude](#)
- [Municipal Separate Storm Sewer System \(MS4\) Listing](#)



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Section 1: Contact Information/Responsible Parties

1.1 Operator(s) / Subcontractor(s)

Instructions (see definition of "operator" at CGP Part 1.1.1):

- Identify all site operators who will be engaged in construction activities at the site and the areas of the site over which each operator has control (Part 7.2.1). Indicate respective responsibilities, where appropriate. Also include the 24-hour emergency contact.
- List subcontractors expected to work on-site. Notify subcontractors of stormwater requirements applicable to their work.
- Consider using Subcontractor Agreements such as the type included as a sample in Appendix G of this Template.

The SWPPP is a living document
and subcontractors can be added
over the life of a project



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Section 1: Contact Information/Responsible Parties

Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

1.2 Stormwater Team

Instructions (see CGP Parts 6 and 7.2.2):

- Identify the individuals (by name and position) that you have made part of the project's stormwater team pursuant to CGP Part 6.1, their individual responsibilities, and which members are responsible for inspections. At a minimum the stormwater team is comprised of individuals who are responsible for the design, installation, maintenance, and/or repair of stormwater controls; the application and storage of treatment chemicals (if applicable); conducting inspections as required in CGP Part 4.1; and taking corrective actions as required in Part 5.
- Each member of the stormwater team must have ready access to either an electronic or paper copy of applicable portions of the 2022 CGP and the SWPPP.
- Each member of the stormwater team must understand the requirements of the 2022 CGP and their specific responsibilities with respect to those requirements, including the information in Part 6.2.



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Section 1: Contact Information/Qualified Person

- For projects that receive coverage under the 2022 CGP on or after February 17, 2023, to be considered a qualified person under Part 4.1 to conduct inspections under Part 4, you must, at a minimum, either:
 - ✓ Have completed the [EPA construction inspection course](#) developed for this permit and have passed the exam; or
 - ✓ Hold a current valid construction inspection certification or license from a program that, at a minimum, covers the following:
 - Principles and practices of erosion and sediment control and pollution prevention practices at construction sites;
 - Proper installation, and maintenance of erosion and sediment controls and pollution prevention practices used at construction sites; and
 - Performance of inspections, including the proper completion of required reports and documentation, consistent with the requirements of Part 4.

Note that if one of the following topics (e.g., installation and maintenance of pollution prevention practices) is not covered by the non-EPA training program, you may consider supplementing the training with the analogous module of the EPA course (e.g., Module 4) that covers the missing topic.



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Section 1: Contact Information/Qualified Person

- Include documentation showing completion of trainings in Appendix I of this SWPPP template.
- For projects that receive coverage under the 2022 CGP prior to February 17, 2023, any personnel conducting site inspections pursuant to Part 4 on your site must, at a minimum:
 - ✓ Be knowledgeable in the principles and practice of erosion and sediment controls and pollution prevention,
 - ✓ Possess the appropriate skills and training in conditions at the construction site that could impact stormwater quality, and
 - ✓ Possess the appropriate skills and training in the effectiveness of any stormwater controls selected and installed to meet the requirements of this permit.



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Section 1: Contact Information/Responsible Parties

Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

Stormwater Team			
Name and/or Position, and Contact	Responsibilities	I Have Completed Training Required by CGP Part 6.2	I Have Read the CGP and Understand the Applicable Requirements
Insert Name of Responsible Person Insert Position Insert Telephone Number Insert Email	Insert Responsibility	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes Date: Click here to enter a date.
Insert Name of Responsible Person Insert Position Insert Telephone Number Insert Email	Insert Responsibility	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes Date: Click here to enter a date.
Insert Name of Responsible Person Insert Position Insert Telephone Number Insert Email	Insert Responsibility	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes Date: Click here to enter a date.



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Section 1: Contact Information/Responsible Parties

Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

Stormwater Team Members Who Conduct Inspections Pursuant to CGP Part 4			
Name and/or Position and Contact	Training(s) Received	Date Training(s) Completed	If Training is a Non-EPA Training, Confirm that it Satisfies the Minimum Elements of CGP Part 6.3.b
Insert Name of Responsible Person Insert Position Insert Telephone Number Insert Email	Insert Title of Training Received	Date: Click here to enter a date.	<input type="checkbox"/> Principles and practices of erosion and sediment control and pollution prevention practices at construction sites <input type="checkbox"/> Proper installation and maintenance of erosion and sediment controls and pollution prevention practices used at construction sites <input type="checkbox"/> Performance of inspections, including the proper completion of required reports and documentation, consistent with the requirements of Part 4



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Section 2: Site Evaluation, Assessment, and Planning

2.1 Project/Site Information

Instructions (see "Project/Site Information," Section IV of Appendix H – NOI Form and Instructions):

- In this section, compile basic site information that will be helpful when you file your NOI.

Project Name and Address

Project/Site Name: [Insert Text Here](#)

Street/Location: [Insert Text Here](#)

City: [Insert Text Here](#)

State: [Insert Text Here](#)

ZIP Code: [Insert Text Here](#)

County or Similar Government Division: [Insert Text Here](#)

Project Latitude/Longitude

Latitude: ____° ____' ____" N
(decimal degrees)

Longitude: - ____° ____' ____" W
(decimal degrees)

Latitude/longitude data source: ☐ Map ☐ GPS ☐ Other (please specify): _____

Horizontal Reference Datum: ☐ NAD 27 ☐ NAD 83 ☐ WGS 84



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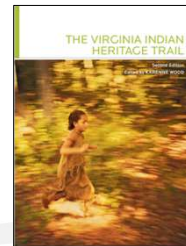
Section 2: Site Evaluation, Assessment, and Planning

Additional Site Information

Is your site located on Indian country lands, or on a property of religious or cultural significance to an Indian Tribe? ☐ Yes ☐ No

If yes, provide the name of the Indian Tribe associated with the area of Indian country (including the name of Indian reservation if applicable), or if not in Indian country, provide the name of the Indian Tribe associated with the property: [Insert Text Here](#)

Tribe	Year Recognized	Location
Mattaponi	17th century	Banks of the Mattaponi River, King William Co.
Pamunkey*	17th century	Banks of the Pamunkey River, King William Co.
Chickahominy*	1983	Charles City County
Eastern Chickahominy*	1983	New Kent County
Rappahannock*	1983	Indian Neck, King & Queen County
Upper Mattaponi*	1983	King William County
Nansemond*	1985	Cities of Suffolk and Chesapeake
Monacan Indian Nation*	1989	Bear Mountain, Amherst County
Cheroenhaka (Nottoway)	2010	Courtland, Southampton County
Nottoway of Virginia	2010	Capron, Southampton County
Patawomeck	2010	Stafford County



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Section 2: Site Evaluation, Assessment, and Planning

2.2 Discharge Information

Instructions (see "Discharge Information," Section V of Appendix H – NOI Form and Instructions):

- In this section, include information relating to your site's discharge. This information corresponds to the "Discharge Information" section of the NOI form.
- List all of the stormwater points of discharge from your site. Identify each point of discharge with a unique 3-digit ID (e.g., 001, 002).
- For each unique point of discharge you list, specify the name of the first receiving water that receives stormwater directly from the point of discharge and/or from the MS4 that the point of discharge discharges to. You may have multiple points of discharge that discharge to the same receiving water. For assistance in identifying the receiving water to which you discharge, you may use [EPA's Stormwater Discharge Mapping Tool](#).
- Next, specify whether any waters of the U.S. that you discharge to are listed as "impaired" as defined in [Appendix A](#), and the pollutants causing the impairment. Identify any Total Maximum Daily Loads (TMDL) that have been completed for any of the waters of the U.S. that you discharge to and the pollutants for which there is a TMDL. For more information on impaired waters and TMDLs, including a list of TMDL contacts and links by State, visit <https://www.epa.gov/tmdl>. For assistance in identifying any impaired waters or applicable TMDLs, you may use [EPA's Stormwater Discharge Mapping Tool](#).
- Finally, indicate whether any receiving water that you discharge to is designated as a Tier 2, Tier 2.5, or Tier 3 water and if so, what the designation is (2, 2.5, or 3). A list of Tier 2, 2.5, and 3 waters [located in the areas eligible for coverage under this permit can be found at](#) <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>.



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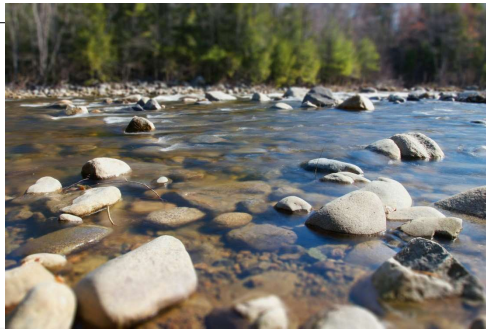
Section 2: Site Evaluation, Assessment, and Planning

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

☐ Yes ☐ No

Are there any waters of the U.S. within 50 feet of your project's earth disturbances?

☐ Yes ☐ No



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Section 2: Site Evaluation, Assessment, and Planning

Stormwater Pollution Prevention Plan (SWPPP)
INSERT PROJECT NAME

For each point of discharge, provide a point of discharge ID (a unique 3-digit ID, e.g., 001, 002), the name of the first receiving water that receives stormwater directly from the point of discharge and/or from the MS4 that the point of discharge discharges to, and the following receiving water information, if applicable:

Point of Discharge ID	Name of receiving water that receives stormwater discharge:	Is the receiving water impaired (on the CWA 303(d) list)?	If yes, list the pollutants that are causing the impairment:	Has a TMDL been completed for this receiving waterbody?	If yes, list TMDL Name and ID:	Pollutant(s) for which there is a TMDL:	Is this receiving water designated as a Tier 2, Tier 2.5, or Tier 3 water?	If yes, specify which Tier (2, 2.5, or 3)?
[001]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]
[002]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]
[003]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]
[004]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]
[005]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]
[006]	Insert Text Here	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	[INSERT "Tier 2", "Tier 2.5", or "Tier 3"]



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Section 2.3 Nature of the Construction Activities

General Description of Project

Provide a general description of the nature of your construction activities, including the age or dates of past renovations for structures that are undergoing demolition:

[Insert Text Here](#)

If you are conducting earth-disturbing activities in response to a public emergency, document the cause of the public emergency (e.g., *mud slides, earthquake, extreme flooding conditions, widespread disruption in essential public services*), information substantiating its occurrence (e.g., *State disaster declaration or similar State or local declaration*), and a description of the construction necessary to reestablish affected public services:

[Insert Text Here](#)

Business days and hours for the project: [Insert Text Here](#)



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Section 2: Site Evaluation, Assessment, and Planning

Type of Construction Site (check all that apply):

☐ Single-Family Residential ☐ Multi-Family Residential ☐ Commercial ☐ Industrial
☐ Institutional ☐ Highway or Road ☐ Utility ☐ Other _____

Will you be discharging dewatering water from your site? ☐ Yes ☐ No

If yes, will you be discharging dewatering water from a current or former Federal or State remediation site? ☐ Yes ☐ No

Pollutant-Generating Activities

List and describe all pollutant-generating activities and indicate for each activity the associated pollutants or pollutant constituents that could be discharged in stormwater from your construction site. Take into account where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos, that will be disturbed during construction.

Pollutant-Generating Activity (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal; and dewatering operations)	Pollutants or Pollutant Constituents (e.g., sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels)
Insert Pollutant-Generating Activity	Insert Pollutant(s)
Insert Pollutant-Generating Activity	Insert Pollutant(s)



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Section 2: Site Evaluation, Assessment, and Planning

Stormwater Pollution Prevention Plan (SWPPP)
 INSERT PROJECT NAME

Construction Support Activities (only provide if applicable)

Describe any construction support activities for the project (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas):

Insert Description of Construction Support Activity

Contact information for construction support activity:

Insert Name

Insert Telephone No.

Insert Email

Insert Address And/Or Latitude/Longitude

[Repeat as necessary.]



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Section 2: Site Evaluation, Assessment, and Planning

2.4 Sequence and Estimated Dates of Construction Activities

Instructions (see CGP Part 7.2.3):

- Describe the intended construction sequence and duration of major activities.
- For each portion or phase of the construction site, include the following:
 - ✓ Commencement and duration of construction activities, including clearing and grubbing, mass grading, demolition activities, site preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization;
 - ✓ Temporary or permanent cessation of construction activities in each portion of the site;
 - ✓ Temporary or final stabilization of exposed areas for each portion of the site. The dates for stabilization must reflect the applicable deadlines to which you are subject to in Part 2.2.14; and
 - ✓ Removal of temporary stormwater controls and construction equipment or vehicles, and cessation of any construction-related pollutant-generating activities.
- The construction sequence must reflect the following requirements:
 - ✓ Part 2.1.3 (installation of stormwater controls); and
 - ✓ Parts 2.2.14 (stabilization deadlines).



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Section 2: Site Evaluation, Assessment, and Planning

List of Authorized Non-Stormwater Discharges Present at the Site

Authorized Non-Stormwater Discharge	Will or May Occur at Your Site?
Discharges from emergency fire-fighting activities	<input type="checkbox"/> Yes <input type="checkbox"/> No
Fire hydrant flushings	<input type="checkbox"/> Yes <input type="checkbox"/> No
Landscape irrigation	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water used to wash vehicles and equipment	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water used to control dust	<input type="checkbox"/> Yes <input type="checkbox"/> No
Potable water including uncontaminated water line flushings	<input type="checkbox"/> Yes <input type="checkbox"/> No
External building washdown (soaps/solvents are not used and external surfaces do not contain hazardous substances)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pavement wash waters	<input type="checkbox"/> Yes <input type="checkbox"/> No
Uncontaminated air conditioning or compressor condensate	<input type="checkbox"/> Yes <input type="checkbox"/> No
Uncontaminated, non-turbid discharges of ground water or spring water	<input type="checkbox"/> Yes <input type="checkbox"/> No
Foundation or footing drains	<input type="checkbox"/> Yes <input type="checkbox"/> No
Uncontaminated construction dewatering water	<input type="checkbox"/> Yes <input type="checkbox"/> No

(Note: You are required to identify the likely locations of these authorized non-stormwater discharges on your site map. See Section 2.6, below, of this SWPPP Template.)



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Section 3: Documentation of Compliance with Other Federal Requirements



3.1 *Endangered Species Protection – Criteria A-F*

Eligibility Criterion
Following the process outlined in Appendix D, under which criterion are you eligible for coverage under this permit?

☐ **Criterion A:** No ESA-listed species and/or designated critical habitat present in action area. Using the process outlined in Appendix D of the CGP, you certify that ESA-listed species and designated critical habitat(s) under the jurisdiction of the USFWS or NMFS are not likely to occur in your site's "action area" as defined in Appendix A of the CGP. *Please Note: NMFS' jurisdiction includes ESA-listed marine and estuarine species that spawn in inland rivers.*

☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D. (Note: reliance on State resources is not acceptable; see CGP Appendix D).

Documentation: [Insert Text Here](#)



DEQ
VIRGINIA DEPARTMENT OF
ENVIRONMENTAL QUALITY

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Section 3: Documentation of Compliance with Other Federal Requirements

3.2 *Historical Property Screening Process – Appendix E, Step 1 - 5*

Appendix E, Step 1

Do you plan on installing any stormwater controls that require subsurface earth disturbance, including, but not limited to, any of the following stormwater controls at your site? Check all that apply below, and proceed to Appendix E, Step 2.

- ☐ Dike
- ☐ Berm
- ☐ Catch Basin
- ☐ Pond
- ☐ Constructed Site Drainage Feature (e.g., ditch, trench, perimeter drain, swale, etc.)
- ☐ Culvert
- ☐ Channel
- ☐ Other type of ground-disturbing stormwater control: [Insert Specific Type of Stormwater Control](#)



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Section 3: Documentation of Compliance with Other Federal Requirements

3.3 *Safe Drinking Water Act Underground Injection Control Requirements*


Do you plan to install any of the following controls? Check all that apply below.

- ☐ Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)
- ☐ Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow
- ☐ Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

[If yes, insert copies of letters, emails, or other communication between you and the State agency or EPA regional office.](#)



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Section 4: ESC and Dewatering Practices

General Instructions (See CGP Parts 2.2 and 7.2.6):


- Describe the erosion and sediment controls that will be implemented at your site to meet the requirements of CGP Part 2.2.
- Describe any applicable stormwater control design specifications (including references to any manufacturer specifications and/or erosion and sediment control manuals/ordinances relied upon).
- Describe any routine stormwater control maintenance specifications.
- Describe the projected schedule for stormwater control installation/implementation.

4.1


4.2

Natural Buffers or Equivalent Sediment Controls

Perimeter Controls



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Section 4: ESC and Dewatering Practices

4.3 ***Sediment Track-Out***

4.4 ***Stockpiles or Land Clearing Debris***

Piles Comprised of Sediment or Soil


4.5 ***Minimize Dust***

4.6 ***Minimize Steep Slope Disturbances***

4.7 ***Topsoil***

4.8 ***Soil Compaction***

4.9 ***Storm Drain Inlets***



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Section 4: ESC and Dewatering Practices

- 4.10 Constructed Site Drainage Feature**
- 4.11 Sediment Basins or Similar Impoundments**
- 4.12 Chemical Treatment**
- 4.13 Dewatering Practices**
- 4.14 Other Stormwater Controls**
- 4.15 Site Stabilization**



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Section 4: ESC and Dewatering Practices - An Example

4.15 Site Stabilization

Instructions (see CGP Parts 2.2.14 and 7.2.6.b.vii):

The CGP requires you to immediately initiate stabilization when work in an area of your site has permanently or temporarily stopped, and to complete certain stabilization activities within prescribed deadlines. Construction projects disturbing more than 5 acres at any one time have a different deadline than projects disturbing 5 acres or less at any one time. See CGP Part 2.2.14.a. Construction projects in arid, semi-arid, and drought-stricken areas during the seasonally dry period and projects discharging to a sediment- or nutrient-impaired water or a Tier 2, 2.5, or 3 water have different stabilization deadlines. See CGP Part 2.2.14.b. For your SWPPP, you must include the following:

- Describe the specific vegetative and/or non-vegetative practices that will be used to stabilize exposed soils where construction activities have temporarily or permanently ceased. Avoid using impervious surfaces for stabilization whenever possible.
- The stabilization deadline(s) that will be met in accordance with Part 2.2.14.a and 2.2.14.b.
- Once you begin construction, consider using the Grading/Stabilization Activities log in Appendix H of the Template to document your compliance with the stabilization requirements in CGP Part 2.2.14.

Total Amount of Land Disturbance Occurring at Any One Time

- ☐ Five Acres or less
☐ More than Five Acres



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Section 4: ESC and Dewatering Practices - An Example

Use this template box if you are not located in an arid, semi-arid, or drought-stricken area and are not discharging to a sediment- or nutrient-impaired water or Tier 2, Tier 2.5, or Tier 3 water.

Insert name of site stabilization practice	
<input type="checkbox"/> Vegetative	<input type="checkbox"/> Non-Vegetative
<input type="checkbox"/> Temporary	<input type="checkbox"/> Permanent
Description:	
<ul style="list-style-type: none"> Insert description of stabilization practice to be installed Note how design will meet requirements of Part 2.2.14.g 	
Installation	Insert approximate date of installation
Completion	Insert approximate completion date
Maintenance Requirements	Insert maintenance requirements for the stabilization practice
Design Specifications	Include copies of design specifications here

[Repeat as needed for additional stabilization practices.]



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Section 4: ESC and Dewatering Practices - An Example

The 4 Site Stabilization Options

1. Use this template box if you are not located in an arid, semi-arid, or drought-stricken area and are not discharging to a sediment- or nutrient-impaired water or Tier 2, Tier 2.5, or Tier 3 water.
2. Use this template box if you are located in an arid, semi-arid, or drought-stricken area.



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Section 4: ESC and Dewatering Practices - An Example

The 4 Site Stabilization Options

3. Use this template box if you are discharging to a sediment- or nutrient-impaired water or to a water that is identified by your State, Tribe, or EPA as Tier 2, Tier 2.5, or Tier 3 for antidegradation purposes.
4. Use this template box if unforeseen circumstances have delayed the initiation and/or completion of vegetative stabilization.



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Section 5: Pollution Prevention Controls

5.1 Potential Sources of Pollution

Instructions (see CGP Part 7.2.3.g):

- Identify and describe all pollutant-generating activities at your site (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal).
- For each pollutant-generating activity, include an inventory of pollutants or pollutant constituents associated with that activity (e.g., sediment, fertilizers, and/or pesticides, paints, solvents, fuels), which could be exposed to rainfall or snowmelt, and could be discharged in stormwater from your construction site. You must take into account where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos, that will be disturbed or removed during construction.

Construction Site Pollutants

Insert text or use table below

Pollutant-Generating Activity	Pollutants or Pollutant Constituents (That could be discharged if exposed to stormwater)	Location on Site (Or reference SWPPP site map where this is shown)



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Section 5: Pollution Prevention Controls

5.2 Spill Prevention and Response

Instructions (see CGP Parts 2.3.6 and 7.2.6.b.viii):

- Describe procedures you will use to prevent and respond to leaks, spills, and other releases. You must implement the following at a minimum:
 - ✓ Procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases. Identify the name or title of the employee(s) responsible for detection and response of spills or leaks; and
 - ✓ Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity consistent with Part 2.3.6 and established under either 40 CFR part 110, 40 CFR part 117, or 40 CFR part 302, occurs during a 24-hour period. Contact information must be in locations that are readily accessible and available to all employees.
- Some projects/site may be required to develop a Spill Prevention Control and Countermeasure (SPCC) plan under a separate regulatory program (Section 311 of the CWA). If you are required to develop an SPCC plan, or you already have one, you should include references to the relevant requirements from your plan.

Insert spill prevention and response procedures here



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Section 5: Pollution Prevention Controls

5.3 Fueling and Maintenance of Equipment or Vehicles

Instructions (see CGP Parts 2.3.1 and 7.2.6):

- Describe equipment/vehicle fueling and maintenance practices that will be implemented to eliminate the discharge of spilled or leaked chemicals (e.g., providing secondary containment (examples: spill berms, dikes, spill containment pallets) and cover where appropriate, and/or having spill kits readily available.)

General

- Insert general description of how you will comply with the CGP Part 2.3.1

Specific Pollution Prevention Practices

Insert name of pollution prevention practice	
Description:	Insert description of practice to be implemented
Implementation	Insert approximate date of implementation
Maintenance Requirements	Insert maintenance requirements for the pollution prevention practice
Design Specifications	If applicable include copies of design specifications here

[Repeat as needed.]



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Section 5: Pollution Prevention Controls

5.4 Washing of Equipment and Vehicles

Instructions (see CGP Parts 2.3.2 and 7.2.6):

- Describe equipment/vehicle washing practices that will be used to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of wash waters (e.g., locating activities away from receiving waters and storm drain inlets or constructed or natural site drainage features and directing wash waters to a sediment basin or sediment trap, using filtration devices, such as filter bags or sand filters, or using other similarly effective controls).
- Describe how you will prevent the discharge of detergents, solvents, and other chemicals used in cleaning activities. Provide storage by either (1) preventing these detergents from being discharged or (2) using other effective means designed to prevent discharge.

The 2024 Virginia CGP prohibits the discharge of: Soaps, solvents, or detergents used in equipment and vehicle washing.

General

- Insert general description of washing practices here.

Specific Pollution Prevention Practices

Insert name of pollution prevention practice	
Description:	Insert description of practice to be implemented
Implementation:	Insert approximate date of implementation
Maintenance Requirements:	Insert maintenance requirements for the pollution prevention practice
Design Specifications:	If applicable include copies of design specifications here

[Repeat as needed.]



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Section 5: Pollution Prevention Controls

Specific Pollution Prevention Practices

Insert name of pollution prevention practice	
Description:	Insert description of practice to be implemented
Implementation:	Insert approximate date of implementation
Maintenance Requirements:	Insert maintenance requirements for the pollution prevention practice
Design Specifications:	If applicable include copies of design specifications here

[Repeat as needed.]

5.5 Storage, Handling, and Disposal of Building Products, Materials, and Wastes

Instructions (see CGP Parts 2.3.3 and 7.2.6):

For any of the types of building products, materials, and wastes in Sections 5.5.1-5.5.6 below that you expect to use or store at your site, provide the information on how you will comply with the corresponding CGP provision and the specific practices that you will employ.



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Section 5: Pollution Prevention Controls

- 5.5 Storage, Handling, and Disposal of Building Products, Materials, and Wastes**
- 5.5.1 Building Materials and Building Products** - (Note: Examples include asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures, and gravel and mulch stockpiles.)
- 5.5.2 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials**
- 5.5.3 Diesel Fuel, Oil, Hydraulic Fluids, Other Petroleum Products, and Other Chemicals**



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Section 5: Pollution Prevention Controls

- 5.5.4 Hazardous or Toxic Waste** - (Note: Examples include paints, caulks, sealants, fluorescent light ballasts, solvents, petroleum-based products, wood preservatives, additives, curing compounds, and acids.)
- 5.5.5 Construction and Domestic Waste**
(Note: Examples include packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, demolition debris, and other trash or discarded materials.)
- 5.5.6 Sanitary Waste**



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Section 5: Pollution Prevention Controls

5.6 Washing of Applicators and Containers used for Stucco, Paint, Concrete, Form Release Oils, Cutting Compounds, or Other Materials

5.7 Application of Fertilizers

5.8 Other Pollution Prevention Practices

General

- Insert general description of the problem this control is designed to address

Specific Pollution Prevention Practices

Insert name of pollution prevention practice	
Description:	Insert description of practice to be implemented
Implementation:	Insert approximate date of implementation
Maintenance Requirements:	Insert maintenance requirements for the pollution prevention practice
Design Specifications:	If applicable include copies of design specifications here

[Repeat as needed.]



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Section 6: Inspection, Maintenance, and Corrective Action

6.1 Inspection Personnel and Procedures

Instructions (see CGP Parts 4, 5, and 7.2.7):

Describe the procedures you will follow for maintaining your stormwater controls, conducting inspections, and, where necessary, taking corrective actions in accordance with CGP Parts 4, 5, and 7.2.7.

Site Inspection Schedule

Select the inspection frequency(ies) that applies, based on CGP Parts 4.2, 4.3, or 4.4

(Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply and indicate which portion(s) of the site it applies to.)



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Section 6: Inspection, Maintenance, and Corrective Action

Dewatering Inspection

☐ Once per day on which the discharge of dewatering water occurs.

Rain Gauge Location (if applicable)

Specify location(s) of rain gauge to be used for determining whether a rain event of 0.25 inches or greater has occurred (only applies to inspections conducted for Part 4.2.2, 4.3, or 4.4.2)

Inspection Report Forms

Insert a copy of any inspection report forms you will use here or in Appendix D of this SWPPP template

(Note: EPA has developed a sample inspection form that CGP operators can use. The form is available at <https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources>)



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Section 6: Inspection, Maintenance, and Corrective Action

6.2 Corrective Action

Instructions (CGP Parts 5 and 7.2.7):

- Describe the procedures for taking corrective action in compliance with CGP Part 5.

Personnel Responsible for Corrective Actions

Insert names of personnel or types of personnel responsible for corrective actions

Corrective Action Logs

Insert a copy of any corrective action forms you will use here or in Appendix E of this SWPPP Template

(Note: EPA has developed a sample corrective action log that CGP operators can use. The form is available at <https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources>)



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Section 6: Inspection, Maintenance, and Corrective Action

6.3 Delegation of Authority

Instructions:

- Identify the individual(s) or positions within the company who have been delegated authority to sign inspection reports.
- Attach a copy of the signed delegation of authority (see example in Appendix J of this SWPPP Template.)
- For more on this topic, see Appendix G, Subsection 11 of EPA's CGP.

Duly Authorized Representative(s) or Position(s):

Insert Company or Organization Name

Insert Name

Insert Position

Insert Address

Insert City, State, Zip Code

Insert Telephone Number

Insert Fax/Email



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Section 7: Turbidity Benchmark Monitoring for Dewatering Discharges

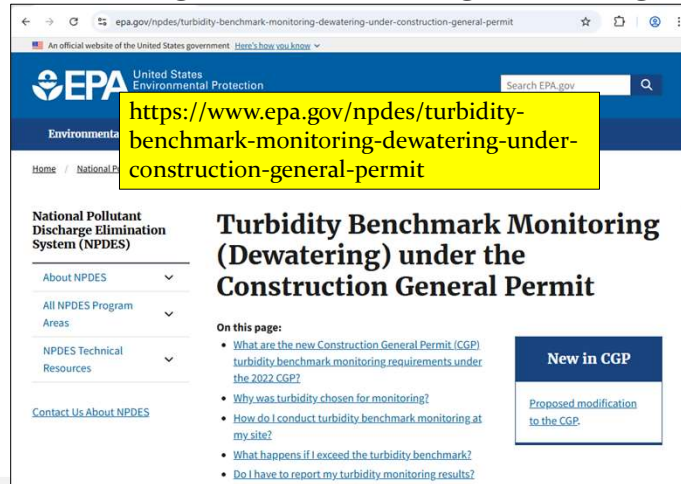
Instructions (see CGP Part 3.3 and 7.2.8):

- If you are required to comply with the Part 3.3 turbidity benchmark monitoring requirements, describe the procedures you will follow to:
 - ✓ Collect and evaluate samples,
 - ✓ Report results to EPA and keep records of monitoring information, and
 - ✓ Take corrective action when necessary.
- Include the specific type of turbidity meter you will use for monitoring, as well as any manuals or manufacturer instructions on how to operate and calibrate the meter.
- Describe any coordinating arrangement you may have with any other permitted operators on the same site with respect to compliance with the turbidity monitoring requirements, including which parties are tasked with specific responsibilities.
- If EPA has approved of an alternate turbidity benchmark pursuant to Part 3.3.2.b, include any data and other documentation you relied on to request use of the specific alternative benchmark.



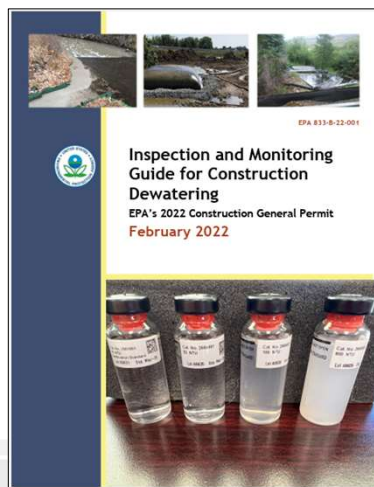
76

Section 7: Turbidity Benchmark Monitoring for Dewatering Discharges



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Section 7: Turbidity Benchmark Monitoring for Dewatering Discharges



EPA Document
EPA 833-B-22-001



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Section 8: Certification and Notification

Instructions (CGP Appendix G, Part G.11.2):

- The following certification statement must be signed and dated by a person who meets the requirements of Appendix G, Part G.11.2.
- This certification must be re-signed in the event of a SWPPP Modification.

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 have no personal knowledge that the information submitted is other than 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: _____ Title: _____

Signature: _____ Date: _____

[Repeat as needed for multiple construction operators at the site.]




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SWPPP by Dominion Virginia Power

Power Lines




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SWPPP Contents

- Signature pages
- Site Information
- Pollution Prevention Plan
- Inspection requirements
- Recordkeeping requirements
- Appendices A-K

(© Dominion)




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SWPPP Appendix A-E

- A: Site Location Maps
- B: General Permit for Construction Activities
- C: Environmental Compliance Plans and Annual Standards and Specifications
- D: Registration Statement, Notice of Coverage, Notice of Termination
- E: Inspection Forms & Corrective Action Log

(© Dominion)




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SWPPP Appendix F - K

- F: Land Disturbance Logs
- G: Log of SWPPP Modifications
- H: Environmental Incident Form, Spill 101 and Virginia Spill Contractors
- I: Vehicle and Equipment Washing Guidelines and EPA Concrete Washout Factsheet
- J: Permit Rollout Checklist/Other Permits/Project Training
- K. Annual Standards and Specifications Oversight Inspections

(© Dominion)



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Appendix C. Environmental Compliance Plan

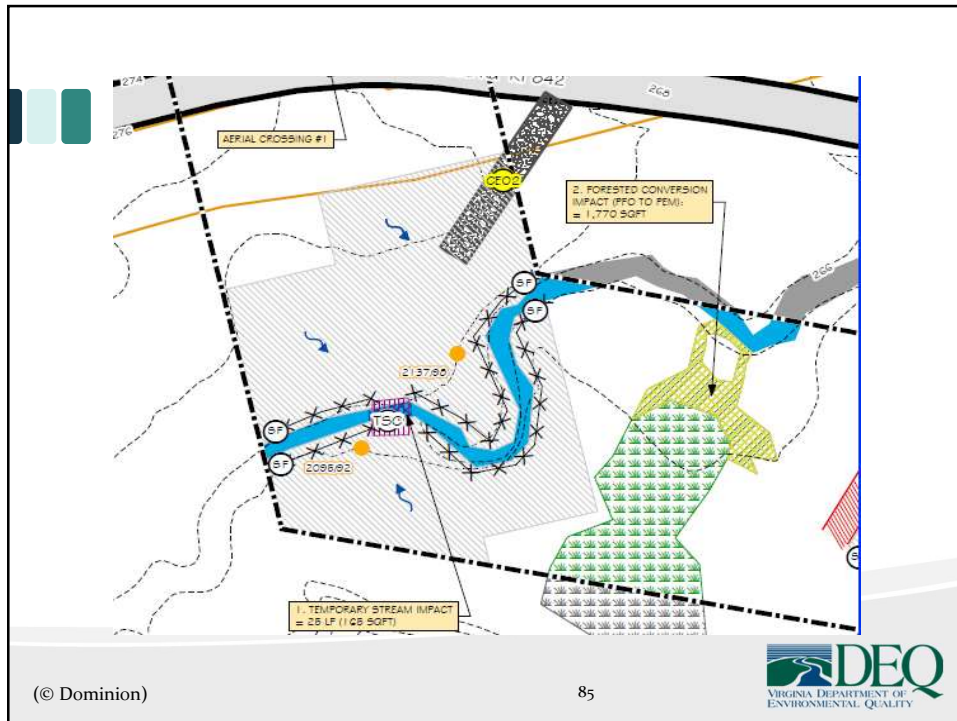
E&S Control Measures, such as:

- Waterway Crossing – anchoring crane mats
- Silt Fence – stake spacing
- Culverts and ditches
- Stream crossings
- Wetlands limits (mat requirements)
- Air bridges over gas lines, sewer lines, etc.

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Appendix I

Vehicle and Equipment Washing Guidelines, EPA Concrete Washout Factsheet

(© Dominion)

Stormwater Best Management Practice
Concrete Washout

Minimum Measure
Construction Site Stormwater Runoff Control

Subcategory
Good Housekeeping/Materials Management

Description of Concrete Washout at Construction Sites
Concrete and its ingredients
Concrete is a mixture of cement, water, and aggregate materials. Portland cement is made by heating a mixture of limestone and clay containing oxides of calcium, aluminum, silicon and other metals in a kiln and then pulverizing the resulting clinker. The fine aggregate particles are usually sand. Coarse aggregate is generally gravel or crushed stone. When cement is mixed with water, a chemical reaction called hydration occurs, which produces glue that binds the aggregate together to make concrete.

Concrete washout
After concrete is poured at a construction site, the drums of ready-mixed concrete trucks and hoppers of concrete pump trucks must be washed out to remove the remaining concrete before it hardens. Equipment such as wheelbarrows and hand tools also need to be washed down. At the end of each work day, the drums of concrete trucks must be washed out. This is customarily done at the ready-mixed batch plants, which are usually off-site facilities, however large or small construction projects may have on-site batch plants. Careless washing of the properties of cement washwater and solids also come from using such construction materials as mortar, plaster, stucco, and grout.

Environmental and Human Health Impacts
Concrete washout water (or washwater) is a slurry containing basic materials. It's also caustic and corrosive, having a pH near 12. In comparison, clean liquid drain cleaner has a pH of 13.5. Caustic washwater can harm fish gills and eyes and interfere with reproduction. The safe pH ranges for aquatic life habitats are 6.5 - 9 for freshwater and 6.5 - 8.5 for saltwater.

Best Management Practice Objectives
The best management practice objectives for concrete washout are to (a) collect and retain all the concrete washout water and solids in leak proof containers, so that this caustic material does not reach the soil surface and then migrate to surface waters or into the ground water; and (b) recycle 100 percent of the collected concrete washout water and solids. Another

Office of Water, 400M
www.epa.gov/epawaters/concreteminimum.pdf
www.epa.gov/epawaters/concreteminimum.pdf

Office of Water, Stormwater
www.epa.gov/epawaters/concreteminimum.pdf
www.epa.gov/epawaters/concreteminimum.pdf

EPA 823-F-11-006
February 2012

DEQ
VIRGINIA DEPARTMENT OF
ENVIRONMENTAL QUALITY

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Appendix J

Permit Transition Checklist/ Project Permits/ Project Training

Commonwealth Of Virginia Department Of Transportation		Permit No. 947-120103
Land Use Permit		Status APPROVED
This permit only grants permission to use whatever rights the Commonwealth Transportation Board and the Department of Transportation have in this right of way and no more, and it is the obligation of the permittee to secure any other releases or permission that may be needed in order to perform the work.		
Effective Date Oct 16, 2014	Expiration Date Oct 20, 2015	Reinstatement Date
Permittee Information Addressee Dominion Virginia Power	Your Job# 4187.96	Surety & Account Receivable Information Amount



U.S. Army Corps
Of Engineers
Norfolk District

CERTIFICATE OF COMPLIANCE WITH ARMY CORPS OF ENGINEERS PERMIT

Permit Number: NAO-2015-01208



FAIRFAX COUNTY PARK AUTHORITY
12055 Government Center Parkway, Suite 927
Fairfax, VA 22035-1118



MAINTENANCE WORK PERMIT MWP-64-15

The Fairfax County Park Authority ("Park Authority") hereby grants a Maintenance Work Permit, ("Permit") to Dominion Virginia Power, 701 East Cary Street, Richmond, VA 23219, its agents and assigns ("Permittee"), in order to enter property owned by the Park Authority to perform work and

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Note

Not all projects are that comprehensive, have all components, or need to have all components:


- Suggested
- Idealized
- Complete
- Complicated
- Comprehensive



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Module 3

Inspections and VPDES for Construction




The Construction General Permit 9VAC25-880-70



3



What is the relationship between EPA's CGP and Virginia's CGP



4

What is the relationship between EPA's CGP and Virginia's CGP

The EPA 2022 stormwater permit:

- Federal standard for construction stormwater management



5

What is the relationship between EPA's CGP and Virginia's CGP

Virginia's 2024 CGP

- Must align and incorporate the requirements outlined in the EPA's 2022 permit
- Must ensure compliance with federal regulations, but with specific provisions for Virginia



6

What is the relationship between EPA's CGP and Virginia's CGP

Essentially, Virginia's CGP is a state-level implementation of the EPA's broader stormwater permit guidelines.



7


Key points about the relationship

Basis for Virginia's CGP:

- Designed to meet the standards set by the EPA's 2022 stormwater permit.
- Not a mirror image of the EPA CGP template.




8




Key points about the relationship

Compliance requirement:

- Any qualifying construction project in Virginia seeking to discharge stormwater must comply with the provisions outlined in Virginia's 2024 CGP.




9



Key points about the relationship

Specific requirements:

- Turbidity monitoring, qualified person inspector requirements, stormwater pollution prevention plans (SWPPPs), and corrective action procedures included in the EPA permit are reflected in Virginia's CGP.



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DEQ Stormwater CGP Inspections

Level 1



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DEQ SWPPP or CGP Inspections

 CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT		LEVEL 1 (FOCUSED)	<small>Contact:</small> <small>Inspector Name:</small> <small>Regional Office:</small> jpo@dep.virginia.gov <small>@dep.virginia.gov</small>
Project Name:		Permit Number:	
Inspection Date:		Time:	
<small>This inspection is focused on portions of the applicable statutory and regulatory requirements only. The purpose of the inspection is to assess the general compliance level of the land disturbing activity of the construction site activity with the VPDES General Permit for Discharges of Stormwater for Construction Activities (CGP), the Virginia Erosion and Stormwater Management Regulations (VESMR) and to evaluate the need for a more comprehensive inspection by DEQ or the local Virginia Erosion and Stormwater Management (VESMP), as applicable, and the presence of actual or potential adverse impacts to waterbodies. This inspection report is limited to the day, time, and specified statutory and regulatory requirements identified in the report and Request for Corrective Action, if attached. Although some statutory or regulatory components may not be covered by this inspection report it is the responsibility of the owner/operator to comply with all applicable statutory and regulatory requirements.</small>			
Project Address:		County/City:	
Project Operator:		Operator Telephone:	
Project Contact:		Contact Telephone:	
Contact E-Mail:		Qualified Personnel (QP):	
Total Permitted Disturbed Acreage:	Est. Dist. Acres (At time of inspection):	Site Conditions	
Linear Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Annual Stands. & Specs: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		VESMP/VSMP Authority: <input type="checkbox"/> Locality <input type="checkbox"/> DEQ	
Stage of Construction: <input type="checkbox"/> Initial Clearing & Grading <input type="checkbox"/> Rough Grading <input type="checkbox"/> Building Construction <input type="checkbox"/> Final Grading <input type="checkbox"/> Other <input type="checkbox"/> Construction of SWM Facilities <input type="checkbox"/> Final Stabilization <input type="checkbox"/> Re-Inspection: <input type="checkbox"/> Termination			



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT - LEVEL 1 (FOCUSED)

- POLLUTION PREVENTION PRACTICES (1)
- SITE EVALUATION AND AGENCY RECOMMENDATION (3)

The screenshot shows the DEQ Construction General Permit Site Inspection Report - Level 1 (Focused) form. The form includes sections for Project Name, Permit Number, and a table for Pollution Prevention Practices. The table has columns for 'Yes', 'No', and 'N/A'. The 'Yes' column is checked for all three practices listed. Below the table is a section for Site Evaluation and Agency Recommendation, which includes a table with columns for 'Yes', 'No', and 'N/A'. The 'Yes' column is checked for all three items listed. At the bottom, there is a section for Inspector Signature and Date Transmitted, and a large box for Comments.

POLLUTION PREVENTION PRACTICES		Yes	No	N/A
11	Practices are in place to prevent and contain leaks, spills, and other releases including: Spill/leak controls; water to a leak-proof container or sealing barrel; (d) handling and storage of waste materials; and (e) procedures for emergency response, containment, and cleanup as applicable. (See Appendix 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770,			

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT - LEVEL 1 (FOCUSED)

- Request for Corrective Action
- Photo log

The image shows two sample forms from the Virginia Department of Environmental Quality (DEQ) for Construction General Permit Site Inspection Report Level 1 (Focused). The left form is titled "REQUEST FOR CORRECTIVE ACTION" and contains a table for recording observations and corrective actions. The right form is titled "CONSTRUCTION GENERAL PERMIT SITE INSPECTION PHOTO LOG" and contains a grid for recording photos.



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT - LEVEL 1 (FOCUSED)



Focused on portions of the applicable statutory and regulatory requirements only.



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DEQ Stormwater CGP Inspections



Level 2



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT - LEVEL 1 (FOCUSED)


The purpose of the focused inspection

- Assess the general condition
- Assess compliance level
- Evaluate the need for a more comprehensive inspection
- Evaluate the presence of actual or potential adverse impacts



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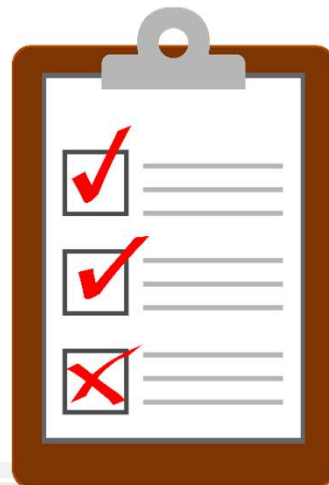
DEQ SWPPP or CGP Inspections

 CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)		<small>Contact: Inspector Name Regional Office (XXX) XXX-XXXX @deq.virginia.gov</small>	
Project Name:		Permit Number:	
Inspection Date:		Time:	
<small>The purpose of the inspection is to assess the general condition and compliance level of the construction activity, or the presence of actual or potential adverse impacts. This report is limited to the day, time, and specified statutory and regulatory requirements identified in the Report and Request for Corrective Action, if attached. Although some statutory or regulatory components may not be covered by this inspection report your responsibilities as the owner/operator are to comply with all applicable statutory and regulatory requirements.</small>			
Project Address:		County/City:	
Project Operator:		Operator Telephone:	
Project Contact:		Contact Telephone:	
Contact E-Mail:		Qualified Personnel (QP):	
Total Permitted Disturbed Acreage:	Est. Dist. Acres (At time of inspection):	Site Conditions	
Linear Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Annual Stands. & Specs: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		VESMP/VSMP Authority: <input type="checkbox"/> Locality <input type="checkbox"/> DEQ	
Stage of Construction: <input type="checkbox"/> Initial Clearing & Grading <input type="checkbox"/> Rough Grading <input type="checkbox"/> Building Construction <input type="checkbox"/> Final Grading <input type="checkbox"/> Other <input type="checkbox"/> Construction of SWM Facilities <input type="checkbox"/> Final Stabilization <input type="checkbox"/> Re-Inspection: <input type="checkbox"/> Termination			



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

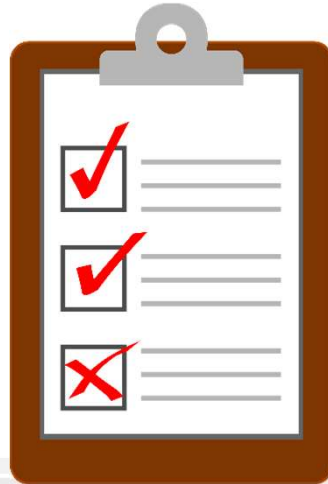


- Checklist with 63 Inspection Points
 - Coverage & Posting Requirements (3)
 - SWPPP Availability and Contents (14)
 - SWPPP Amendments, Modifications and Updates (9)



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)



- Checklist with 63 Inspection Points
 - Inspections and Corrective Actions (4)
 - ESC and SWM Plan Implementation (21)
 - Pollution Prevention Plan Implementation (9)
 - Site Evaluation and Agency Recommendation (3)



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

- Request for Corrective Action
- Photo log

REQUEST FOR CORRECTIVE ACTION


Observation #	Description	Corrective Action	Responsible Party	Due Date	Completion Date
1	Observation 1	Corrective Action 1	Responsible Party 1	Due Date 1	Completion Date 1
2	Observation 2	Corrective Action 2	Responsible Party 2	Due Date 2	Completion Date 2
3	Observation 3	Corrective Action 3	Responsible Party 3	Due Date 3	Completion Date 3
4	Observation 4	Corrective Action 4	Responsible Party 4	Due Date 4	Completion Date 4
5	Observation 5	Corrective Action 5	Responsible Party 5	Due Date 5	Completion Date 5
6	Observation 6	Corrective Action 6	Responsible Party 6	Due Date 6	Completion Date 6
7	Observation 7	Corrective Action 7	Responsible Party 7	Due Date 7	Completion Date 7
8	Observation 8	Corrective Action 8	Responsible Party 8	Due Date 8	Completion Date 8
9	Observation 9	Corrective Action 9	Responsible Party 9	Due Date 9	Completion Date 9
10	Observation 10	Corrective Action 10	Responsible Party 10	Due Date 10	Completion Date 10

CONSTRUCTION GENERAL PERMIT SITE INSPECTION PHOTO LOG



Photo #	Description	Date
1	Observation 1	Date 1
2	Observation 2	Date 2
3	Observation 3	Date 3
4	Observation 4	Date 4




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Level 2 Inspections

-  Usually conducted at the onset of, or early in the project
-  Later on in the project, finding a lot of issues during a Level 1 and/or ESC/P2 inspection will trigger a Level 2 inspection




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Coverage and Posting Requirements



General VPDES Permit for Discharges of Stormwater from Construction Activities (CGP or Permit)



25

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

COVERAGE & POSTING REQUIREMENTS		Yes	No	N/A
Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No				
1*	The construction activity has General VPDES Permit for Discharges of Stormwater from Construction Activities (CGP or Permit) coverage? (Va. Code §62.1-44.15.55.A) (§62.1-44.15.34.A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2*	A copy of the notice of coverage letter is posted at a publicly accessible location near the main entrance of the construction activity? (CGP Part II D)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Notice of the location of the Stormwater Pollution Prevention Plan (SWPPP) is posted near the site's entrance, if applicable, and information for public access is provided? (SVAC25-875-500.G)(CGP Part II E.1, 2 & 3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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SWPPP Availability and Contents



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

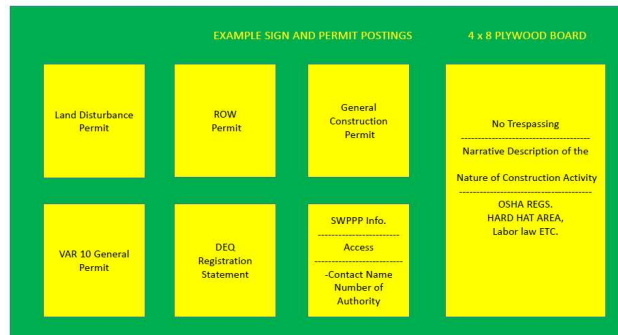
SWPPP AVAILABILITY AND CONTENTS		Yes	No	N/A
Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No				
4*	A SWPPP has been developed and is on-site or made available during the inspection? (CGP Part II A & E.1, 2 & 3)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	The SWPPP contains a signed copy of the registration statement? (CGP Part II B.1.a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	The SWPPP includes, upon receipt, a copy of the notice of coverage letter and the CGP? (CGP Part II B.1.b & c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	The SWPPP includes a narrative description of the nature of the construction activity, including the function of the project? (CGP Part II B.1.d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	The SWPPP includes a legible map of the construction site identifying all significant site and drainage features, limits of clearing and grading, locations where concentrated stormwater is <u>discharged</u> , control measures and locations of support activities? (CGP Part II B.1.e.(1-7))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	The SWPPP contains an approved erosion and sediment control plan? (9VAC25-875-500.B)(CGP Part II B.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10*	The SWPPP contains an approved stormwater management plan or an existing construction activity has a stormwater management plan that ensures compliance with the water quality and quantity requirements? (9VAC25-875-500.C)(CGP Part II B.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11*	The SWPPP contains an adequate pollution prevention plan? (9VAC25-875-500.D)(CGP Part II B.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12*	The SWPPP identifies impaired water(s), approved Total Maximum Daily Loads (TMDLs), pollutant(s) of concern, exceptional waters and additional controls measures applicable? (9VAC 25-875-500.E)(CGP Part II B.5.(a-b), 6.(a-d), & 7.(a-b))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	The SWPPP specifies a turbidity benchmark or approved alternative method and procedures for monitoring and recording construction dewatering discharges to benthic or sediment impaired, TMDL or exceptional waters? (CGP Part II B.8.(a-d))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	The SWPPP contains the name, phone number and qualifications of "Qualified Personnel" conducting inspections? (CGP Part II B.9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



28

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

15	The SWPPP includes the names or positions duly authorized to sign inspection reports or modify the SWPPP, signed and certified in accordance with Part III K? (CGP Part II B.10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	The SWPPP specifies corrective actions for repairs made more than two times to the same control at the same location? (CGP Part II F.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	The SWPPP is signed and dated in accordance with Part III K and include the required certification in accordance with Part III K.4? (CGP Part II B.11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



29

SWPPP Amendments, Modification, and Updates



30

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

SWPPP AMENDMENTS, MODIFICATIONS AND UPDATES		Yes	No	N/A
Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No				
18	The SWPPP is amended 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? (CGP Part II C.1)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	The SWPPP is amended if inspections or investigations by the operator's qualified personnel, or by local, state or federal officials find that existing control measures are ineffective in minimizing pollutants in discharges? (CGP Part II C.2)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Contractor(s) that will implement and maintain each control measure are identified? (CGP Part II C(3))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	The SWPPP is updated within five business days when any modifications to its implementation have occurred, including a record of dates when major grading activities occur, construction activities temporarily or permanently cease on a portion of the construction site or stabilization measures are initiated? (CGP Part II C.4.a)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	There is documentation in the SWPPP, controls were replaced or modified where they have been used inappropriately or incorrectly? (CGP Part II C.4.b)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	The SWPPP is updated to note areas that have reached final stabilization? (CGP Part II C.4.c)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	The SWPPP is updated to note 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? (CGP Part II C.4.d)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	The SWPPP notes the date of any prohibited discharges, the volume released, actions taken to minimize the impact of the release and measures taken to prevent the recurrence of any prohibited discharge? (CGP Part II C.4.e-f)(9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Amendments, modifications, or updates to the SWPPP are signed in accordance with Part III K and include the required certification in accordance with Part III K.4? (CGP Part II C.5) (9VAC25-875-500.G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



31

Reporting Noncompliance



The operator shall report any noncompliance that may adversely affect state waters or may endanger public health.




32

Reporting Noncompliance

A report to the department and the VESMP authority shall be provided within 24 hours from the time the operator becomes aware of the circumstances.




33




Reporting Noncompliance

The following shall be included as information that shall be reported within 24 hours under this subsection:

- a. Any unanticipated bypass; and
- b. Any upset that causes a discharge to surface waters.




34



Reporting Noncompliance

A written report shall be submitted within five days and shall contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and
- c. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.



35




Reporting Noncompliance

Regulated entities may report spills, releases and other pollution incidents through the [online reporting tool](https://portal.deq.virginia.gov/prep/createReport). When making a report, be sure to include relevant information (e.g., applicable permit numbers) and contact information so that DEQ staff can follow up on the report.

<https://portal.deq.virginia.gov/prep/createReport>





36



Reporting Noncompliance

For emergencies, call 911 or the Virginia Department of Emergency Management 24-hour telephone service at 1-800-468-8892.



37

Authorized nonstormwater discharges

The following nonstormwater discharges from construction activities are authorized by the general permit:

1. Discharges from emergency firefighting activities;
2. Fire hydrant flushings, managed to avoid an instream impact;
3. Waters used to wash vehicles or equipment, provided no soaps, solvents, or detergents are used and the wash water is filtered, settled, or similarly treated prior to discharge;
4. Water used to control dust that is filtered, settled, or similarly treated prior to discharge;



38

Authorized nonstormwater discharges

The following nonstormwater discharges from construction activities are authorized by the general permit:

5. Potable water, including uncontaminated waterline flushings, managed in a manner to avoid an instream impact;
6. Routine external building wash down provided no soaps, solvents or detergents are used, external building surfaces do not contain hazardous substances, and the wash water is filtered, settled, or similarly treated prior to discharge;
7. Pavement wash waters, provided spills or leaks of toxic or hazardous materials have not occurred, unless all spilled or leaked material has been removed prior to washing; soaps, solvents, or detergents are not used; and where the wash water is filtered, settled, or similarly treated prior to discharge;



39

Authorized nonstormwater discharges

The following nonstormwater discharges from construction activities are authorized by the general permit:

8. Uncontaminated air conditioning or compressor condensate;
9. Uncontaminated ground water or spring water;
10. Foundation or footing drains, provided flows are not contaminated with process materials such as solvents or contaminated groundwater;
11. Uncontaminated excavation dewatering, including dewatering of trenches and excavations that are filtered, settled, or similarly treated prior to discharge; and
12. Landscape irrigation.



40

Prohibition of nonstormwater discharges

All discharges covered by this general permit shall be composed entirely of stormwater associated with construction activities. All other discharges, including the following, are prohibited:

1. Wastewater from washout of concrete;
2. Wastewater from the washout or cleanout of stucco, paint, form release oils, curing compounds, and other construction materials;



41

Prohibition of nonstormwater discharges

3. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
4. Oils, toxic substances, or hazardous substances from spills or other releases; and
5. Soaps, solvents, or detergents used in equipment and vehicle washing.



42

Unauthorized Discharges: Remember?



- A discharge of oil does not have to be reported if the discharge is **less than 25 gallons, does not reach state waters, is cleaned up immediately** and the **recordkeeping requirements** of § 62.1-44.34:19.2 have been satisfied.

It must be recorded in the SWPPP!



43

Unauthorized Discharges: Remember?

Sediment is also a noxious/deleterious/prohibited
discharge



44

Inspections and Corrective Actions

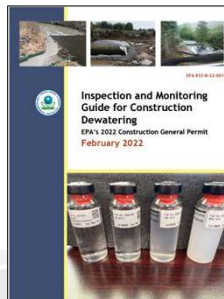
Onsite inspection conducted by Qualified
Persons



45

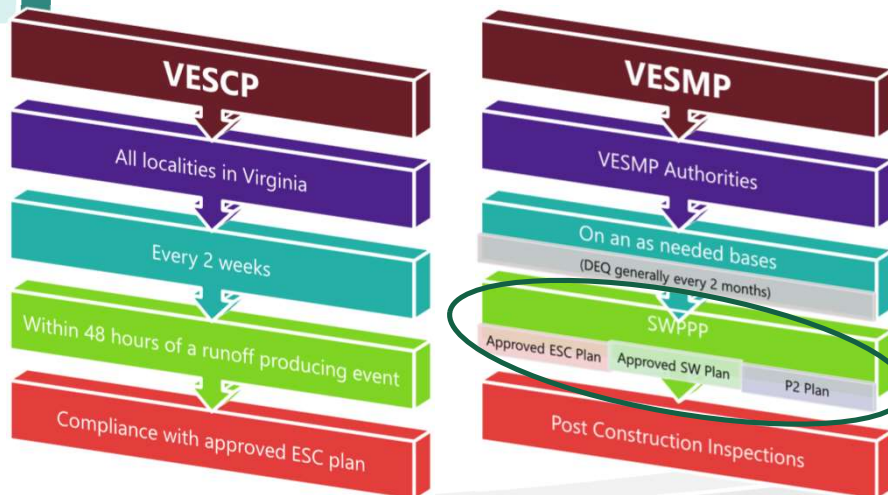
CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

INSPECTIONS AND CORRECTIVE ACTIONS		Yes	No	N/A
Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No				
27	Inspections required by the SWPPP are conducted at the required frequency, including a modified frequency for impaired water(s), approved TMDL(s), and exceptional waters when applicable? (CGP Part II G.2 a-e) (CGP Part II B.5.b.(3), B.6.d. & B.7.b.(3))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Inspection reports are completed and signed in accordance with CGP Part II G.3-5? (CGP Part II G.3-5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Corrective actions are taken consistent with the requirements of the CGP? (CGP Part II H.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Construction dewatering discharge(s) are ceased when turbidity measurements exceed the selected benchmark, controls are inspected and modified as needed, and results are recorded in the SWPPP? (CGP Part II H.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

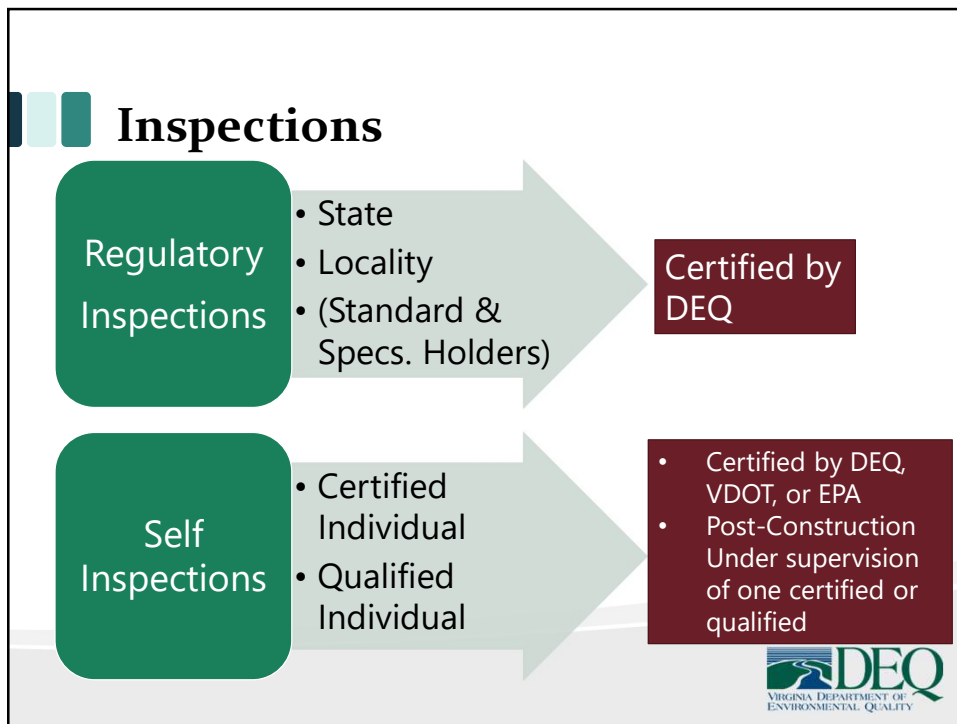


46

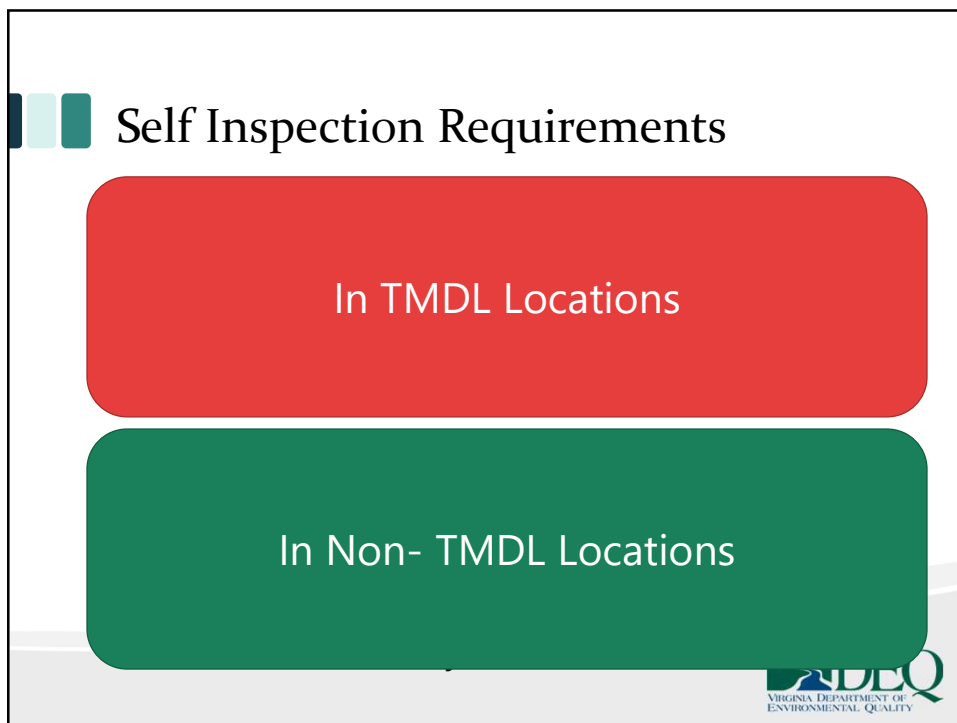
Regulatory Inspections



47



48



49

What is a **measurable storm event**?

**0.25 inches or
1/4 inch**

"Measurable storm event" means a rainfall event producing 0.25 inches of rain or greater over 24 hours.

(9VAC25-880-70 Part II G.2 a. (1) and (2))



50

Self Inspection Requirements


If adverse weather causes the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection.

Documentation in the SWPPP is required.




52

SWPPP Inspections



Look for:


- ☐ SWPPP inspections, including offsite support activities, completed at correct frequency
- ☐ SWPPP inspection requirements and documentation met




53



Documentation Requirements

The (self) inspection report shall be included into the SWPPP **no later than four business days** after the inspection is complete.








54

 SWPPP Inspections	
SWPPP inspection schedule	
Discharges to impaired waters, surface waters with an applicable TMDL wasteload allocation and exceptional waters	Discharges to waterways without limitations
<ul style="list-style-type: none"> Where areas have been temporarily stabilized or land-disturbing activities will be suspended due to continuous frozen ground conditions and stormwater discharges are unlikely, the inspection frequency may be reduced to once per month If weather conditions (such as above freezing temperatures or rain or snow events) make discharges likely, the operator shall immediately resume the regular inspection frequency 	
	

55


 SWPPP Inspections	
Linear construction SWPPP inspection schedule	
Discharges to impaired waters, surface waters with an applicable TMDL wasteload allocation and exceptional waters	Discharges to waterways without limitations
<ul style="list-style-type: none"> 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 Construction GP 	<ul style="list-style-type: none"> Representative inspections may be utilized for utility line installation, pipeline construction, or other similar linear construction activities
	

56




QP Self Inspection Items (1)

- Date and time of inspection
- Date and amount of previous measurable rainfall event (if applicable)
- Information and description of discharges during and prior to inspection
- LDA outside the approved limit of disturbance (per ESC plan)




57




QP Self Inspection Items (2)

- Inspect the following ESC practices:
 - Perimeter controls
 - Stockpiles and borrow areas (including offsite areas)
 - Completed earthen structures for stabilization and effective impoundment and flow control
 - Cut and fill slopes




58




QP Self Inspection Items (2)

- Inspect the following ESC practices:
 - Sediment traps and sediment basins
 - Channels, flumes and slope drains
 - Inlets
 - Construction entrances




59




QP Self Inspection Items (3)

- Inspect areas that have reached final grade or that will remain dormant for more than 14 days
- In case of annual specifications, inspect that the ESC plan is prepared in accordance with the specifications
- Identify pollutant generating activities not identified in the P2 plan
- Identify and document prohibited discharges




60




SWPPP Inspections

- Corrective actions

What is the maximum time-frame that an operator has to fix an issue that was found during a self-inspection?




61




SWPPP Inspections


- Operator may (or may not) have to remove sediment from outside construction activity
 - Notify VSMP authority and DEQ
 - Obtain authorization, approvals and permits before removing sediment from surface waters including wetlands!



62




SWPPP




Congratulations!


No issues were encountered on the site during a self-inspection.
What should the inspector do now?



63




Regulatory SWPPP Inspections




Look for:

- ☐ All required information recorded in SWPPP inspection report
- ☐ Date and signature of the qualified personnel and the operator or its duly authorized representative on SWPPP inspection report




64

Regulatory SWPPP Inspections

 **Look for:**

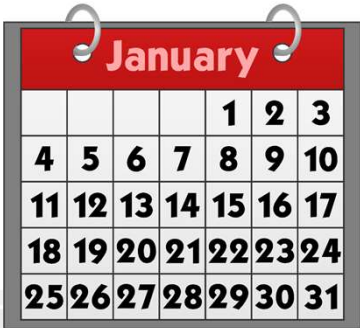

- ☐ Corrective actions being implemented
- ☐ Timeframe that corrective actions are implemented



65

SWPPP

- Operator must retain inspection reports for **3 years** from date of CGP termination or expiration

66

A Locality in Virginia Self Inspection Form

Scope of inspection: _____
 Date(s) and time(s) of inspection: _____
 Current weather and rainfall (inches) since last inspection: _____
 Name(s) of qualified person(s) conducting inspection: _____
 Qualified person(s) phone number(s): _____
 Operator/Duly Authorized Representative: _____

Items identified herein as needing repair or attention shall be addressed before the next anticipated storm event or as soon as possible to maintain the continued effectiveness of stormwater controls.

	Yes	No	Descriptions and Comments
Construction Entrance in sound working condition	<input type="checkbox"/>	<input type="checkbox"/>	
Erosion Control Structures in working condition	<input type="checkbox"/>	<input type="checkbox"/>	
Silt Fence in sound working condition	<input type="checkbox"/>	<input type="checkbox"/>	
Diversion Ditches working properly	<input type="checkbox"/>	<input type="checkbox"/>	
Storm Inlet Protection in sound working condition	<input type="checkbox"/>	<input type="checkbox"/>	
Evidence of site stabilization	<input type="checkbox"/>	<input type="checkbox"/>	
Evidence of pollutants entering the drainage system	<input type="checkbox"/>	<input type="checkbox"/>	
Entrances show evidence of off-site tracking	<input type="checkbox"/>	<input type="checkbox"/>	
Evidence of significant impacts to discharge points	<input type="checkbox"/>	<input type="checkbox"/>	
Sediment bypassing Sediment Trapping Device	<input type="checkbox"/>	<input type="checkbox"/>	
Excessive sediment deposits in Trapping Device	<input type="checkbox"/>	<input type="checkbox"/>	
Evidence of blocked or clogged culvert	<input type="checkbox"/>	<input type="checkbox"/>	
Land disturbance outside of approved limits	<input type="checkbox"/>	<input type="checkbox"/>	

Major observations relating to implementation of SWPPP: _____

Signature: _____ Date: _____ Report No.: _____
 (Qualified Person/Inspector) File No. _____

I certify that the facility is in compliance with the storm water pollution prevention plan and this permit. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____ Date: _____ Report No.: _____
 (Operator/Duly Authorized Representative) File No. _____



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EPA Inspection Template and Resources

epa.gov/npdes/construction-general-permit-resources-tools-and-templates

United States Environmental Protection Agency

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National Pollutant Discharge Elimination System (NPDES)

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- NPDES Technical Resources ▾

Contact Us About

Construction General Permit Resources, Tools, and Templates

On this page:

- Tools and Maps
- SWPPP Templates

New in CGP

<https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>



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EPA Inspection Template and Resources

2022 Construction General Permit Site Inspection Report

Project Name: _____
NPDES ID Number: _____

Section A - General Information (If necessary, complete additional inspection reports for each separate inspection location.)	
Inspector Information	
Inspector Name: _____	Title: _____
Company Name: _____	Email: _____
Address: _____	Phone Number: _____
Inspection Details	
Inspection Date: _____	Inspection Location: _____
Inspection Start Time: _____	Inspection End Time: _____
Current Phase of Construction: _____	Weather Conditions During Inspection: _____
Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.5? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If "Yes," provide the following information: Location of unsafe conditions: _____ The conditions that prevented you inspecting this location: _____	
Indicate the required inspection frequency: (Check all that apply. You may be subject to different inspection frequencies in different areas of the site.)	
Standard frequency (CGP Part 4.2): <input type="checkbox"/> At least once every 7 calendar days OR <input type="checkbox"/> Once every 14 calendar days and within 24 hours of the occurrence of either: • A storm event that produces 0.25 inches or more of rain within a 24-hour period, or • A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period.	
Increased frequency (CGP Part 4.3.1) if site discharges to sediment or nutrient-impaired waters or to waters designated as Tier 2, (Tier 2.5, or Tier 3): <input type="checkbox"/> Once every 7 calendar days and within 24 hours of the occurrence of either: • A storm event that produces 0.25 inches or more of rain within a 24-hour period, or • A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period.	

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ESC and SWM Plan Implementation

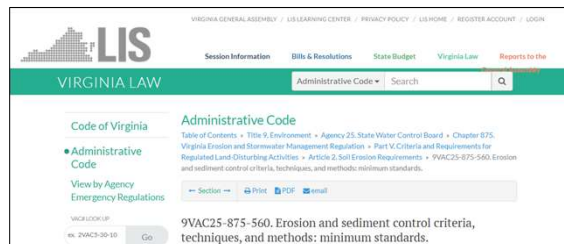
Pollution prevention practices and procedures from the CGP



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

ESC AND SWM PLAN IMPLEMENTATION		Yes	No	N/A
Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No				
31*	The project is implemented in accordance with the approved erosion and sediment control plan and stormwater management plans? (9VAC25-875-500.B and C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	All denuded areas requiring temporary or permanent stabilization are stabilized within required timeframes, and stabilization requirements for impaired waters, approved TMDL(s), pollutants of concern and exceptional waters, when applicable, are met? (9VAC 25-875-561.1) (9VAC25-875-500.B) (9VAC25-880-60) (CGP Part I F.1.(a)) (CGP Part II B.5.b.(1) & B.7.b.(1)) (CGP Part II B.2.c.(9)) (CGP II F.1-2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Soil stockpiles are adequately stabilized with seeding and/or protected with sediment trapping measures? (9VAC 25-875-560.2) (CGP Part II B.2.(c)) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

34	A permanent vegetative cover is established that is uniform, providing 75% or more vegetative cover with no significant bare areas, is mature enough to survive and will inhibit erosion? (9VAC 25-875-560.3) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35*	Sediment trapping facilities are constructed and made functional before upslope land disturbance takes place? (9VAC 25-875-560.4) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Earthen structures are stabilized immediately after installation? (9VAC 25-875-560.5) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37	Sediment traps and basins are installed in accordance with Minimum Standard #6 and the approved plan? (9VAC 25-875-560.6) (CGP Part II B.2.c.(10)) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	Finished cut and fill slopes are adequately stabilized to prevent or correct excessive erosion? (9VAC 25-875-560.7) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-870-54.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	Concentrated runoff flowing down cut or fill slopes is contained in an adequate permanent or temporary channel or structure? (9VAC 25-875-560.8) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Adequate drainage or other protection is provided for water seeps? (9VAC 25-875-560.9) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41*	All operational storm sewer inlets have adequate inlet protection? (9VAC 25-875-560.10) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42*	Are stormwater conveyance channels adequately stabilized with channel lining and/or outlet protection? (9VAC 25-875-560.11) (CGP Part II A.2(c)) (CGP II E(1-2)) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	In-stream construction is conducted using measures to minimize channel damage? (9VAC 25-875-560.12) (CGP Part II B.2(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	Temporary stream crossings of non-erodible material are installed where applicable? (9VAC 25-875-560.13) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Necessary restabilization of in-stream construction is complete? (9VAC 25-875-560.15) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

46	Utility trench operations are conducted and stabilized in accordance with Minimum Standard #16? (9VAC 25-875-560.16) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47*	Provisions are made to minimize vehicular tracking of sediment onto paved or public roads and tracked sediment is properly removed at the end of each day? (9VAC 25-875-560.17) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-560.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	All temporary control structures that are no longer needed are removed within 30 days and disturbed soil resulting from their removal is permanently stabilized? (9VAC 25-875-560.18) (CGP Part II B.2.(c)) (CGP II F.1-2) (9VAC25-875-500.B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49	Properties and waterways downstream from development are adequately protected from erosion, sediment and damage in accordance with the standards and criteria specified by 9VAC25-875-560.19(a-n)? (9VAC 25-875-560.19(a-n))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50*	All control measures are properly maintained in effective operating condition in accordance with good engineering practices and, where applicable, manufacturer specifications? (CGP Part II F.1) (9VAC25-875-300)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51	Permanent control measures included in the SWPPP are in place and functioning effectively? (9VAC25-875-500.C) (9VAC25-880-60) (CGP Part I F.1.(a))	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



76

Pollution Prevention Plan Implementation

Pollution prevention practices and
procedures from the CGP



80

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

POLLUTION PREVENTION PLAN IMPLEMENTATION Reviewed during re-inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No		Yes	No	N/A
52*	Practices are in place to 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 in accordance with Part III G? (CGP Part II B.4.e.(1))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53	Practices are in place to prevent the discharge of spilled and leaked fuels and chemicals from vehicle fueling and maintenance activities? (CGP Part II B.4.e.(2))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54	Practices are in place to prevent the discharge of soaps, solvents, detergents, and wash water from construction materials, including the clean-up of stucco, paint, form release oils, and curing compounds? (CGP Part II B.4.e.(3))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55	Practices are in place to minimize the discharge of pollutants from vehicle and equipment washing, wheel wash water, and other types of washing? (CGP Part II B.4.e.(4))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



81

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

56	Concrete wash water is directed into a leak-proof container or properly constructed leak-proof settling basin? (CGP Part II B.4.e.(5))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57	Practices are in place to minimize the discharge of pollutants from storage, handling, and disposal of construction products, materials, and wastes? (CGP Part II B.4.e.(6))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58	Practices are in place to prevent the discharge of fuels, oils, and other petroleum products, hazardous or toxic wastes, and sanitary wastes? (CGP Part II B.4.e.(7))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59	Practices are in place to minimize any other discharge from the potential pollutant-generating activities not addressed above, when applicable? (CGP Part II B.4.e.(8))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60	Practices are in place to minimize the exposure of waste materials to precipitation by closing or covering waste containers during precipitation events and at the end of the business day, or implementing similarly effective practices? (CGP Part II B.4.e.(9))(9VAC25-875-500)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



82



Leak and spill prevention and response plan

- Procedures **must** be in place for quickly stopping, containing, and cleaning up spills, leaks, and other releases
- Procedures **must** be in place for reporting leaks, spills, and other releases

83



Vehicle fueling and maintenance

Examples

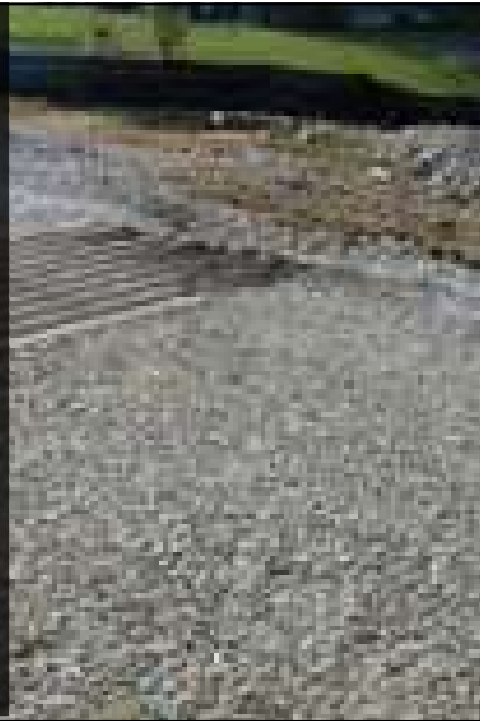
- Secondary containment (spill berms, decks, spill containment pallets) is provided
- Cover is provided where appropriate
- Spill kits are readily available

84

Vehicle and equipment washing

Examples

- Washing activities located away from surface waters and stormwater inlets or conveyance and directing wash waters to sediment basins or traps
- Use of filtration devices such as filter bags or sand filters, or another similarly effective control



85

Concrete washout

- Concrete wash water **must** be directed into a leak-proof container or leak-proof settling basin
- Container or basin **cannot** overflow
- Hardened and liquid concrete waste **must** be removed and properly disposed



86

Washout and cleanout of construction materials

Examples

- Area is covered (plastic sheeting or temporary roofs) to prevent contact with stormwater
- Adequate containment is provided for the amount of wash water used
- Disposal of waste solids and liquids is contract with a hazardous waste disposal firm



87

Construction products, materials, and waste

Examples

- Litter and debris cleaned up daily
- Waste collection is located away from streets, gutters, waterways, and storm drains
- Secondary containment is provided
- Waste collection area has signage



88



Fuels, oils, other petroleum products, hazardous or toxic wastes, and sanitary wastes

Examples for sanitary facilities

- Located away from waterways and storm drains
- Inspected for leaks
- Maintained and cleaned

89

Minimize the exposure of waste materials to precipitation

- Closing or covering waste containers during precipitation events
- The end of the business day
- Or implementing similarly effective practices?



90

Site Evaluation and Agency Recommendation

Pollution prevention practices and
procedures from the CGP



91

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

SITE EVALUATION AND AGENCY RECOMMENDATION		Yes	No	N/A
61	Measures have been taken to prevent adverse impact(s) to receiving waters? (CGP Part I B.6)(Part I G.1)(Part II B.4 e.(1-9))(Part II H.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62*	Corrective actions not referred to the local VESMP Authority, if applicable, or Comprehensive DEQ re-inspection is not required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63*	No additional compliance or enforcement action is recommended.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>




92

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

Inspector Signature: _____
Date Transmitted: _____


Comments: Item numbers with asterisk are also covered in the Level 1 (Focused) Compliance Inspection Report.

This IR is used exclusively for DEQ Office of Training Services educational purposes. It reflects no actual site conditions, inspection, or follow up compliance or enforcement action.




93

Request for Corrective Action



Pollution prevention practices and
procedures from the CGP



94

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT REQUEST FOR CORRECTIVE ACTION

Checklist #	Occurrence	Observation, location/ <u>Recommended Corrective Action</u>
		Observation, location: <u>Recommended Corrective Action:</u>
		Observation, location: <u>Recommended Corrective Action:</u>
		Observation, location: <u>Recommended Corrective Action:</u>
		Observation, location: <u>Recommended Corrective Action:</u>



95

Photo Log



96

CONSTRUCTION GENERAL PERMIT SITE INSPECTION REPORT LEVEL 2 (COMPREHENSIVE)

CONSTRUCTION GENERAL PERMIT SITE INSPECTION PHOTO LOG

Fig. 1

Description:



To add an image in (Kofax): Navigate to the 'Edit' tab in Kofax. Select 'Edit Object' within the 'Modify' section. Right click on this text and select 'Place Image...'. From the File Explorer, select the applicable image and resize to fit form.

Fig. 2

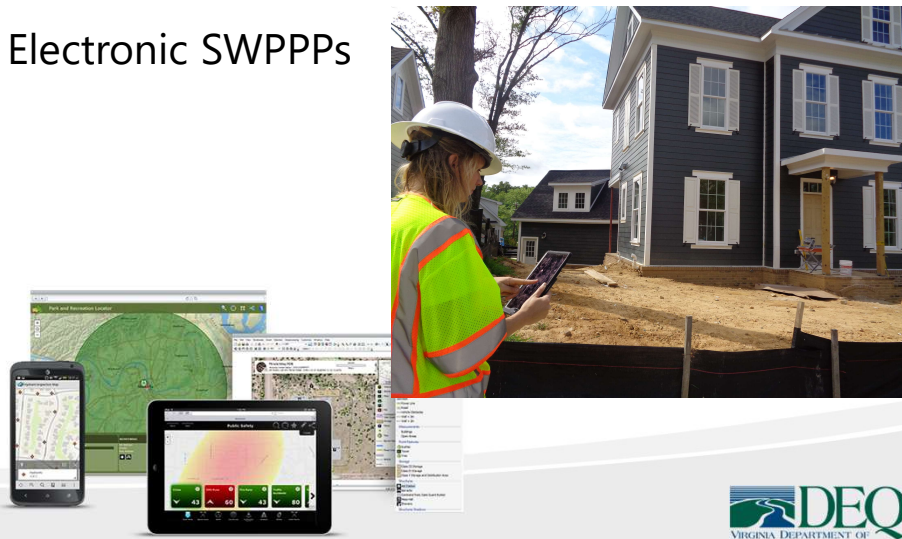
Description:



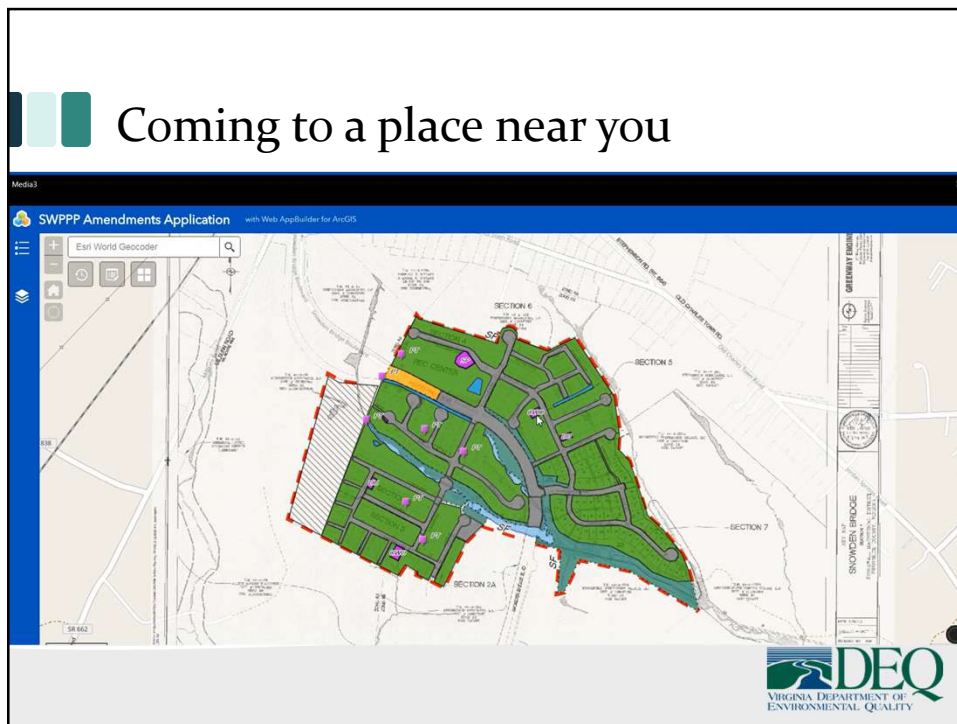
97

Coming to a place near you

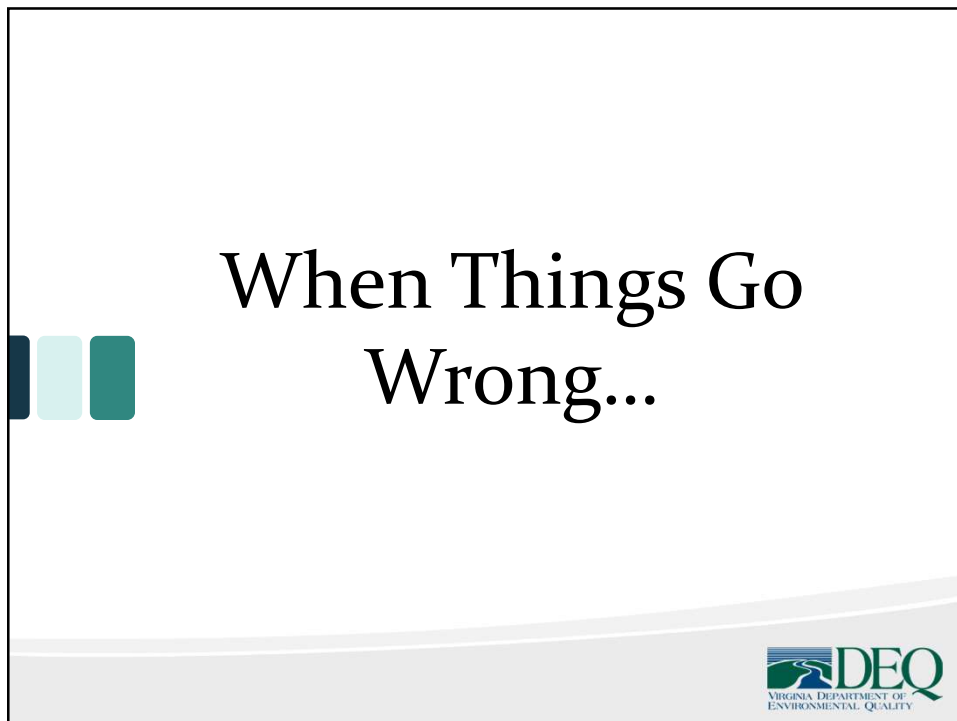
Electronic SWPPPs



98



99



100

When things go wrong...

Contractors move SWPPP



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ENVIRONMENTAL QUALITY

101

When things go wrong...

Vandalism



102

When things go wrong...

???



103

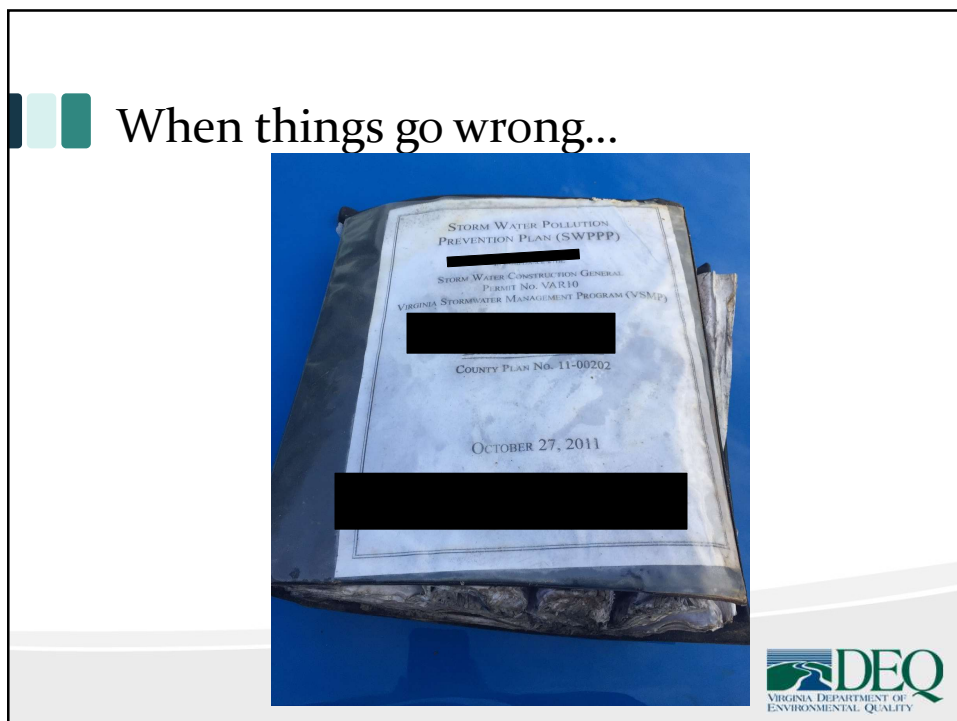
When things go wrong...



104



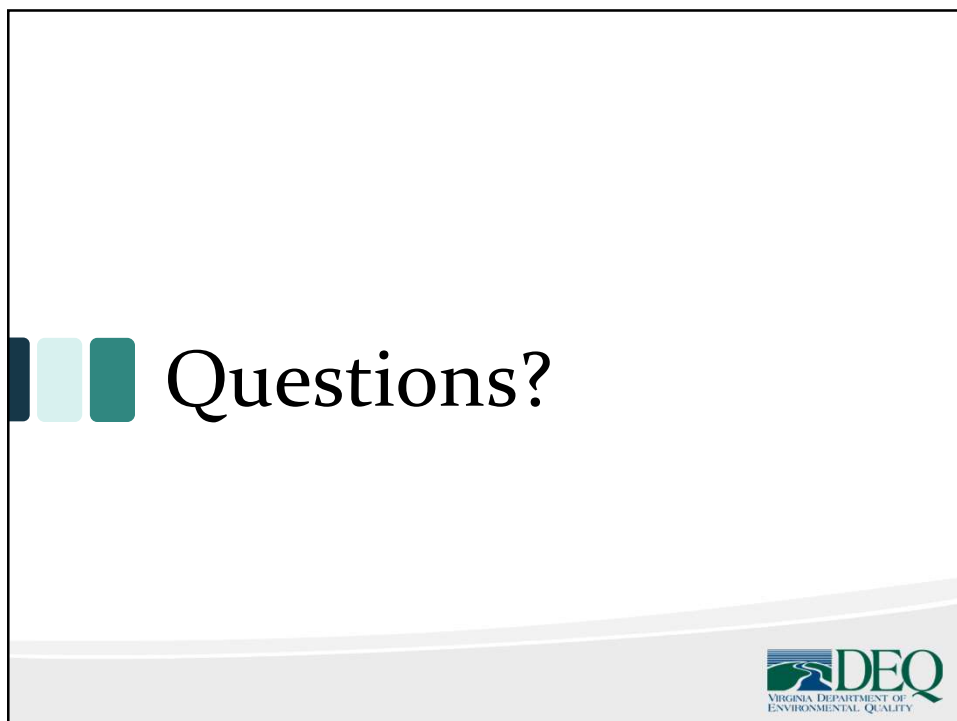
105



106



107



108




Module 4. CONTENT PROVIDED IN CLASS

The SWPPP Inspection Exercise using DEQ's
Focused inspection Form

Module 5.




Situational Awareness During Inspections


SADI



1

Inspecting and the Unknowns!

Site (Terrain)	<ul style="list-style-type: none"> • Land disturbance • Equipment 	
People	<ul style="list-style-type: none"> • Access • Inspection 	
Law & Regulations	<ul style="list-style-type: none"> • Access • Inspection • Enforcement 	



2




3

Situational Awareness

What It Is!

- Keep eyes and ears open
- Evaluate what is happening during an inspection
- Be aware of surroundings during inspection
- Be aware of surroundings when exiting a site
- Be aware of approaching potential hazards
- Do not become so focused and engrossed that you miss items of higher priority or safety


4



The Five Levels of Awareness


1. **Tuned out:** Driving on auto-pilot, engrossed in thought or radio, daydreaming
2. **Relaxed awareness:** Defensive driving, relaxed but still watching other cars
3. **Focused awareness:** Driving in hazardous road conditions.
4. **High alert:** Induces adrenaline rush, a prayer and gasp for air all at the same time
5. **Comatose:** Petrified, freeze at the wheel and cannot respond to stimuli

5



Situational Awareness

- Accurate understanding of surroundings
 - Where you are, what happened, what is happening, what is changing and what could happen
- Good situational awareness requires
 - Gathering data (sensing, **perception**), seeking cues
 - Assembling information for understanding (**comprehension**)
 - Thinking ahead (**projection**)



6




Definitions of Situational Awareness

- What you need to know not to be surprised
- Keeping track of what is going on around you in a complex, dynamic environment
- Aim of efficient situation awareness is to keep operator tightly coupled to dynamics of environment
- Keep track of terrain




7



The Site (Terrain)



8



SITUATIONAL AWARENESS
This tank didn't have it

PRO-T.COM

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9

A Construction Site can be Full of Surprises (or Potential Accidents)

- Tripping hazards
- Steep slopes
- Equipment hazards
- Nails and other sharp objects
- Traffic
-



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10



*Your initial contact
will set the tone*

The people

Are you joyfully welcomed at every site?



11

Are you joyfully welcomed at every site?
**We are from the government,
and we are here to help (inspect) you!**



Actually, folks doing 3rd party self-inspections
experience the same issues



12

Situational Awareness-Personal Safety Considerations

Before leaving the office, determine:

- **Why are you visiting the site?**
 - Regular inspection, Pre-Con, NOT?
 - Complaint investigation?
 - Follow-up



13

Situational Awareness-Personal Safety Considerations

Before leaving the office, determine:

Does the RLD/Contractor/site have a compliance history?

- Cooperation or lack of cooperation?
- In case of Pre-Con is the contractor a new player (i.e.. out off state)?



14

Situational Awareness-Personal Safety Considerations

Before leaving the office, determine:

- **Why are you visiting the site?**
- **Was the site visited site before**
- **Have we (or colleague) made contact with the owner before (on different site)?**
- **Does the owner/site have compliance history?**



15

Situational Awareness-Personal Safety Considerations



Compliance investigation (new site)

- Talk to anyone who may have previously dealt with operator
- Review and print locality digital-ortho maps, Google maps and/or satellite views. Be aware of all access points in and out of the site
- Know limits of legal authority to enter and inspect site. Ask for support, if unsure (fellow inspector, law enforcement)



16

Situational Awareness-Personal Safety Considerations

Compliance investigation (new site):

- Always make sure office is aware of **where you are going** and **when you are due to return** or check in
- Be certain **cell phones are fully charged** and GPS coordinates of inspection site are available if known
- Pre-review plan if possible or available



17

Travel and On-site Safety

If you are unsure or do not feel 100% safe:

- Park facing out so you can exit rapidly
- Check in and out with your office
- If you do not feel safe, leave and return later
- **Best:** Bring a partner!



18

Travel and On-site Safety

- Be aware of nonverbal body language and cues
- Do you sense a potential problem (anger, frustration, aggressiveness)
- If you feel threatened, stay close to your vehicle, or leave the premises
- Document your encounter!



*Your initial contact
will set the tone*



19

Lie Spotting or How to Detect Lies

"High Power" body language (top row)

vs.

"Low Power" body language (bottom row)

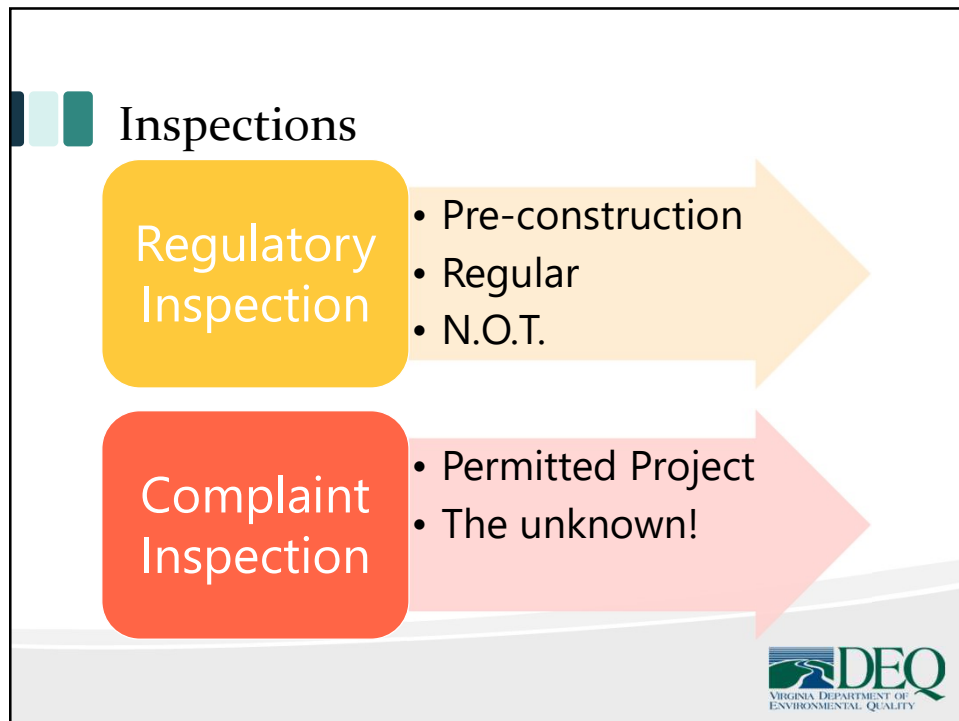
(Images courtesy of Amy Cuddy, Harvard University)




20



21



22




Inspections

Regulatory Inspection


- Pre-construction
- Regular
- N.O.T.

62.1-44.15:58-A

- Requires inspections of land disturbing activities by program authority
- Allows for monitoring reports to be submitted by person responsible for project (RLD)



23




Inspections

Complaint Inspection

- Permitted Project
- The unknown!

62.1-44.15:60

Provides right of entry by Department or VESCP for inspection and enforcement




24

Limitation on Legal Authority

FOURTH AMENDMENT: The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrants shall issue, but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

US Constitution: <https://constitutioncenter.org/interactive-constitution/amendment/amendment-iv>



25

DEQ Property Access Policy


Guidance is found in DEQ's Civil Enforcement Manual - Chapter 8

The screenshot shows the Virginia Regulatory Town Hall website. The header includes the Virginia state seal and the text "VIRGINIA REGULATORY TOWN HALL". Below the header is a navigation menu with links: Home, Find a Regulation, Regulatory Activity, Actions Underway, Petitions, Legislative Mandates, Periodic Reviews, General Notices, Meetings, Guidance Documents, and Comment Forums. The main content area displays "Guidance Document Information" for the "Civil Enforcement Manual - Chapter 8 - Access to Private Property for Inspections and Investigations, Denial of Access, and Obtaining Administrative Inspection Warrants". The document ID is CEM-12-EGMNo 1-2011. The summary states: "This guidance establishes procedure and describes limits to the Department of Environmental Quality staff's authority to access private property to conduct environmental investigations and inspections pursuant to applicable law, establishes what the Department will consider a denial of access to property, and establishes general procedures for obtaining an administrative inspection warrant." The effective date is 3/3/2011. There is a link to "View document text" and a note "Posted On 12/14/2012". At the bottom, it says "This document applies to all boards for this agency".

Virginia Regulatory Townhall: <https://townhall.virginia.gov/L/ViewGDoc.cfm?gdid=4401>




26




DEQ Property Access Policy

- **GENERAL POLICY:** Obtain consent from owner or authorized representative before or at time of inspection.
- **Exceptions:**
 - Emergency
 - Inspection Warrant

Virginia Regulatory Townhall: <https://townhall.virginia.gov/L/ViewGDoc.cfm?gdid=4401>




27



General Property Access Protocol

- Upon arrival, **locate** owner or authorized representative

(NOTE: You can enter property marked "No Trespassing" to determine if owner/representative is on-site and to obtain consent)



28

General Property Access Protocol

- Present your **credentials**
- Identify **reason** for being on property
- Obtain **consent** if not previously given
(NOTE: If reluctant, inform the owner of your program's authority, but do not threaten or attempt to coerce.)
- Inspect during **regular business hours**



29

Common Courtesy & Safety Considerations

- After knocking on the door, **step back...**
- Leave a **business card** in the door
- Maintain **situational awareness** (for personal safety)



If you see any indications of illegal activity, exercise extra caution!



30

Common Courtesy & Safety Considerations

In an urban setting, "**No Trespassing**" signs may indicate people are trying to conceal something.



On construction sites, or in rural settings, "No Trespassing" signs may be posted to prohibit unauthorized access, warn of danger, or to prohibit hunting in areas with livestock.



31

Scenario #1

- **SCENARIO:** An owner/operator is not available to give permission to access their property. However, a neighbor gives you permission to use their property to gain a view of the first property. We can observe environmental conditions from the neighboring property.



QUESTION: Can staff prepare compliance and enforcement response based on observations made from adjacent property?



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Scenario #2

- **SCENARIO:** The front door of the house is posted "No Trespassing."



QUESTION: Can I still knock on the door?



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Scenario #3

- **SCENARIO:** A private road serves several houses and the road is posted with signage that states "Tenants Only, All Others Keep Out."



QUESTION: Can we still drive down the driveway to get permission to access the site?



34

Scenario #4

- **SCENARIO:** We go out to a business to conduct an inspection. All doors are locked. No one is present. The site is not posted with "No Trespassing" signs. In the course of trying to locate, we observe violations of environmental requirements.

QUESTIONS:

- Can we take photos to document environmental conditions and/or violations while attempting to locate someone?
- Can we prepare a compliance response based on observations made while attempting to locate a property owner/operator?

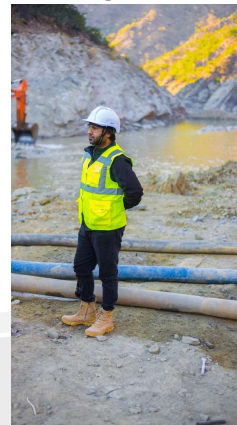


35

Scenario #5

- **SCENARIO:** When visiting a construction site we may be greeted by part-time, wage employees.



Question: In general, who can give permission to access a site?



36

Examples of Access Denial


- Express denial of property access
- Excluding some areas of property
- Requiring liability waiver or confidentiality agreement
- Denying ability to photograph, take samples, monitor, or view docs



37

Examples of Access Denial



- Unreasonably delaying inspection
- Threatening, intimidating or harassing staff
- Any unreasonable conditions



38

Protocol, if Access Denied



- Note denial and reasons provided and exit property
- Notify your manager




39

Protocol, if Access Denied

- Next steps to consider
 - View property from public right of way or adjoining property (with permission)
 - Use satellite imagery – (Drones are generally not allowed)




40



Protocol, if Access Denied

- Next steps to consider
 - Enter in cooperation with other local, state, or federal authorities
 - Issue NOAV for denial of access
 - Inspection Warrant

COME BACK
WITH A
WARRANT.



41



Questions?

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