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Exam questions will not be derived from the powerpoint documents; nor will they be allowed into the exam.



# Erosion and Sediment Control Basic Course



# Basic Erosion and Sediment Control Course



# Ground Rules

- Keep cell phones off during the training
- Questions and comments are encouraged
- Everyone will have an opportunity to speak and share their thoughts at the appropriate times
- Be supportive of all participants



# Agenda – Day 1

|               |   |
|---------------|---|
| 8:30 – 9:15   | Module 1 – Introduction and Course Overview                   |
| 9:15 – 9:45   | Module 2 – Defining Erosion and It's Impacts                  |
| 9:45 – 10:00  | Break   |
| 10:00 – 12:00 | Module 2 – continued  |
| 12:00 – 1:00  | Lunch   |
| 1:00 – 1:30   | Module 3 – History of the ESC and SWM Laws                    |
| 1:30 – 2:30   | Module 4 – Statutory and Regulatory Requirements of a<br>VESC |
| 2:30 – 2:45   | Break   |
| 2:45 – 4:00   | Module 5 - Virginia ESC Minimum Standards                     |



# Agenda – Day 2

|               |  |
|---------------|--|
| 8:30 – 10:00  | Module 6 – Erosion and Sediment Control Planning Process |
| 10:00 – 10:15 | Break  |
| 10:15 – 12:00 | Module 6 continued (vegetation)                          |
| 12:00 – 1:00  | Lunch  |
| 1:00 – 2:00   | Module 6 continued (structures)                          |
| 2:00 – 2:15   | Break  |
| 2:15 – 4:00   | Module 7 - Plan Review Process and Exercise              |

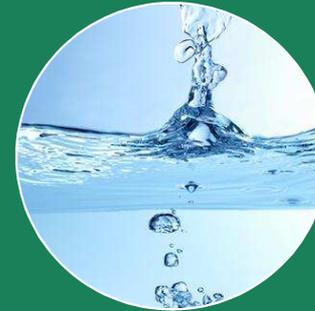
# Module 1a.

## Introduction

# The Virginia Erosion and Sediment Control Program



**VESCPs operate at the local level**



**Regulatory requirement for programs to prevent the unreasonable degradation of properties, stream channels, waters, and other natural resources**

**Virginia Erosion and Sediment Control Program**

# VESCP Requirements



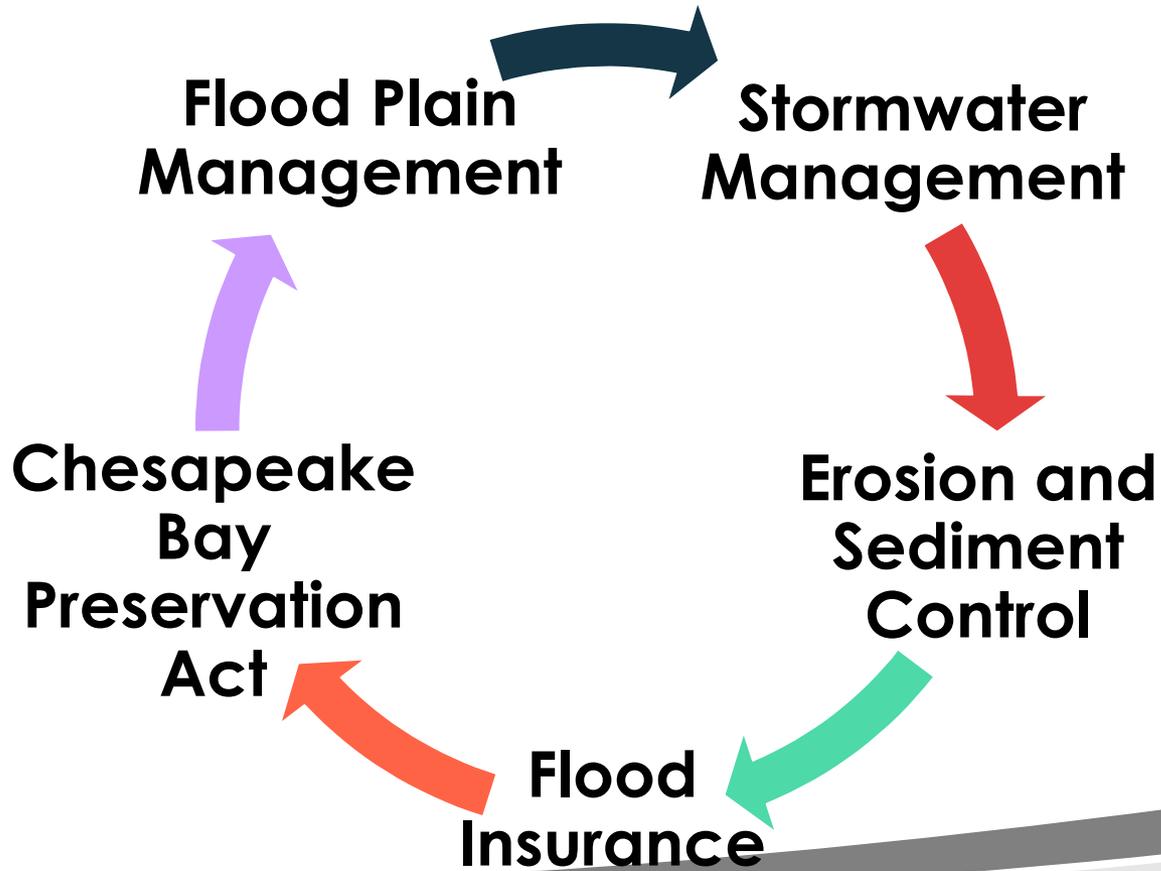
- ❑ Each County and City must have their own local ESC program, and Towns “may” adopt a program.
- ❑ Each VESCP program is operated locally by a ESC Ordinance which is authorized by the VESCL

# VESCP Requirements



- Program *“shall contain a certified program administrator, a certified plan reviewer, and a certified project inspector, who may be the same person.”* (§ 62.1-44.15:52 )

# Integration of the Programs



# Some major changes include:



DCR

DEQ

July 1, 2013

- 
- Erosion and Sediment Control
  - Stormwater
  - Chesapeake Bay Preservation
  - MS4
  - TMDL



# Module 1b.

## Training and certification



# Training and Certification

- The VESCL requires individuals working in a VESCP who perform certain duties to hold a certificate of competence
- This is also true for those working in a VSMP



# Training and Certification

- The certificate of competence is issued to individuals who successfully pass the examination for a certain classification
- The DEQ training and certification program has two areas in which certificates are issued:
  - Erosion and Sediment Control
  - Stormwater Management

# Erosion and Sediment Control Exam Eligibility Training (9VAC25-850)

|                        |   |                 |   |
|------------------------|---|-----------------|---|
| Program Administrator  | = | ESC 2-day Basic |   |
| Inspector              | = | ESC 2-day Basic | + ESC 1-day Inspector                           |
| Plan Reviewer          | = | ESC 2-day Basic | + ESC 2-day Plan Reviewer                       |
| Combined Administrator | = | ESC 2-day Basic | + ESC 1-day Inspector + 2-day ESC Plan Reviewer |

# Stormwater Management Exam Eligibility Training (9VAC25-850)

Program Administrator = SWM 2-day Basic

Inspector = SWM 2-day Basic + SWM 1-day Inspector

Plan Reviewer = SWM 2-day Basic + SWM 2-day Plan Reviewer

Combined Administrator = SWM 2-day Basic + SWM 1-day Inspector + 2-day SWM Plan Reviewer



- The other path to obtaining a certificate of competence is through work experience
  - Minimum 800 hours
  - Verified when you apply for exam



# Dual Certificates of Competence (9VAC25-850)

|                            |   |                                    |   |                                     |
|----------------------------|---|------------------------------------|---|-------------------------------------|
| ESC Program Administrator  | + | SWM Program Administrator          | = | Dual Program Administrator          |
| ESC Inspector              | + | SWM Inspector                      | = | Dual Inspector                      |
| ESC Plan Reviewer          | + | SWM Plan Reviewer                  | = | Dual Plan Reviewer                  |
| ESC Combined Administrator | + | SWM Combined Program Administrator | = | Dual Combined Program Administrator |



# Professional Engineers (9VAC25-850)



## Special PE Provisions

- **ESC**
  - Automatically certified as **ESC Plan Reviewers**
  - Not automatically certified as **ESC Inspector or ESC Program Administrator**
- **SWM**
  - Not automatically certified for any classification (see 9VAC25-850-50)

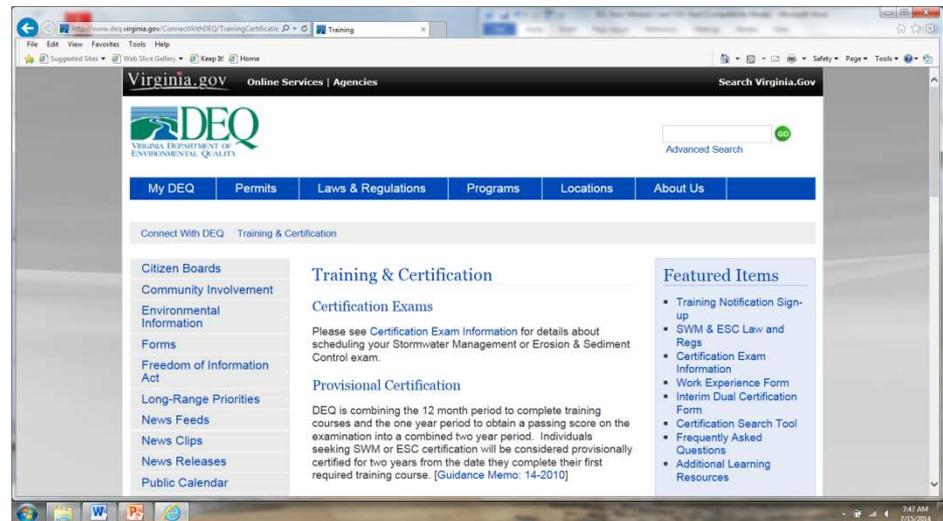


# The Exam

- Open book
- You are allowed to bring 3 bound reference documents (3 ring binders)
- Typically, the DEQ ESC handbook and participant guides from your courses are adequate
- No loose papers or practice quizzes!

# The Exam

- You will need to download the latest versions of the Law, regulations and certification regulations from the DEQ website:





# The Exam-What can I bring?

- **Allowed Items**
- Three 3-ring binders
- Reference materials (see page 5)
- Dividers (any type)
- Sticky tabs (any type)



# The Exam-What can I bring?

- **Allowed**
- Handwritten notes on reference materials
- Handwritten notes on dividers
- Handwritten headings on sticky tabs
- Highlighted reference materials
- Typed table of contents/index  
(Created by candidate)

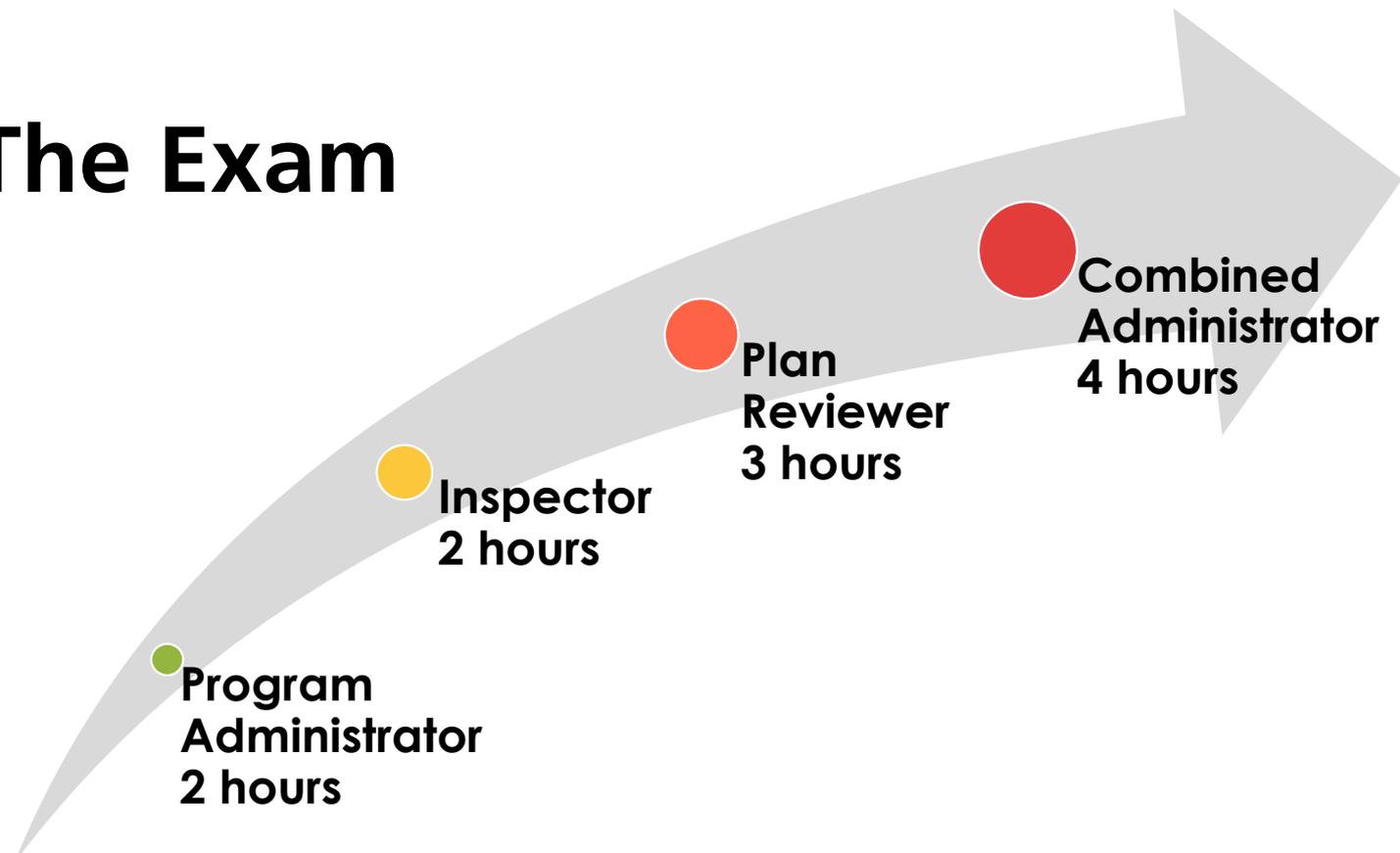


# The Exam-What can I bring?

- **NOT Allowed**
- Loose paper
- Handwritten notes on separate paper
- Typed notes
- Practice quizzes
- PowerPoint presentations



# The Exam



You do not have time to look up all the answers!  
Come prepared  
Come rested  
Come comfortable



# Did I Pass?



- You will be notified of your exam results
- If you fail the exam, you will be eligible to take it again up to one year without submitting an additional application
- Exam re-takes are NOT free
- You must get a minimum of 70% on the exam to pass



# Maintaining your Certificate and Re-certification

- Certificates valid for three years
- Re-certify before the expiration date
- How to re-certify:
  - Re-take the exam before the expiration date on your current certificate
  - Attend the DEQ training courses required for your individual certificate
  - Complete the required amount of contact or CEU hours



Valid for  
3 yrs



# “Provisional” Certification (9VAC25-850-50)

- 12 months to complete training



- 12 months from completion of training to obtain certificate of competence



**24 months!**





# Responsible Land Disturber (RLD)

- Certificate issued by the Department
- Intended for individuals who are responsible for carrying out the land-disturbing activity in accordance with the approved ESC plan
- RLD may be the owner, applicant, permittee, designer, superintendent, project manager, contractor, or any other project or development team member
- RLD must be designated on the ESC plan or permit as a prerequisite for engaging in LDA



- ***BEST ADVICE!***

- **Preparing for Exam**

- Our advice for test-takers is to take time to study the material before taking your exam.
- Read the *Candidate Information Booklet*. Pay close attention to the **“Exam Content Outline”** which tell you exactly where questions are pulled from.



- ***BEST ADVICE!***

- **Preparing for Exam**

- All reference materials for the exam are noted in the Candidate Information Booklet and are available on the [DEQ Training Website](#) and/or are provided in training classes.
- To obtain a copy of the *Candidate Information Booklet* and for more information on the SWM & ESC exams, visit the DEQ Training & Certification web page.

# www.deq.virginia.gov/connectwithdeq/ trainingcertification.aspx

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| For Localities             |
| For Vendors                |
| Forms                      |
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| Long-Range Priorities      |
| News Feeds                 |
| News Clips                 |
| News Releases              |
| Public Calendar            |
| Public Notices             |
| Training & Certification   |
| VEGIS                      |

## Training & Certification

### Provisional Certification

Individuals seeking Stormwater Management or Erosion & Sediment Control certification are considered provisionally certified if they are enrolled in a DEQ training class and complete training within 12 months. To become fully certified, people must obtain a passing score on a certification exam within 12 months of completing the required training. (9VAC25-850-50 A 2)

### Course Enrollment Procedure

Individuals wishing to complete a DEQ training class in Erosion & Sediment Control or Stormwater Management can enroll in a class through the Knowledge Center (KC). In order to use the KC you must *first* create a user profile.

### KC Instructions

Please see "how to create your KC profile" instructions below in pdf format. Note: any company that wishes to enroll workers on their behalf can also do

## Featured Items

- Training Notification Sign-up
- SWM & ESC Law and Regs
- Certification Exam Information
- Work Experience Form
- Certification Search Tool
- Frequently Asked Questions
- Additional Learning Resources

## Stormwater Management

- SWM Training Information
- SWM Basic Materials
- SWM Guidance
- Construction Gen'l Permit
- Local VSMP Program
- MS4 Permit Program
- Stormwater Mgmt & VEEP

Technical Links

# [www.deq.virginia.gov/ConnectWithDEQ/TrainingCertification/ExamInformation.aspx](http://www.deq.virginia.gov/ConnectWithDEQ/TrainingCertification/ExamInformation.aspx)

  
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Virginia Department of  
Environmental Quality  
P.O. Box 1105  
Richmond, VA 23218

Contact Us:  
1-(804) 698-4000  
1-800-592-5482 (Toll Free in VA)

[View Department of  
Environmental Quality  
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## Examination Information

DEQ has enlisted the services of a professional examination company called [Pearson Vue](#) to manage exams for Virginia's Erosion & Sediment Control and Stormwater Management programs.

All information on the exam is outlined in the [Candidate Information Booklet \(CIB\)](#).

### Before Taking Your Exam

- Carefully read the [Candidate Information Booklet \(CIB\)](#) located on [Pearson's exam website](#)
- Bring copies of your Training Completion Certificate(s).
- Only bring allowable material, as identified in the Candidate Information Booklet (CIB).
- Place all allowable exam materials in a 3 ring binder (note: use no more than three binders).
- Prepare for your exam by studying the allowable materials as outlined in the CIB.

[Take me to Pearson Exam Website](#)

### Printing Training Completion Certificates

If you attended training through DEQ you can print completion certificates from the Knowledge Center, as follows:

1. Login to the [Knowledge Center](#)
2. Click on "My Workspace" / "My Transcript"
3. Click "SWM or ESC Course Name"
4. Click "View Certificate" (this will open a pdf file that you can print).

Home > Test Taker Services > VA Dept of Environmental Quality

# VA Dept of Environmental Quality Certification Testing

This page contains specific exam information about the Department of Environmental Quality's Erosion and Sediment Control and Stormwater Management certification programs. From this page you can locate a test center, schedule your examination, and download the candidate information booklet and exam information/forms.



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to schedule, reschedule or cancel an exam

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## Examination Scheduling Information

Please **VERIFY** that your name and personal information are **CORRECT**. Contact Pearson VUE immediately to correct the spelling of your name or update your personal information if you notice any errors. It is very important that this information is correct, as it will appear as it was entered on the documentation provided to you after you have completed the exam, as well as on any reports to your licensing agency.

Appointments may be made up to one calendar day prior to the day you wish to test, subject to availability. Pearson VUE offers the following scheduling options:

Schedule Online      Schedule By Phone

## Downloads

- [Candidate Information Booklet](#) (1.6 MB pdf)  
*The Candidate Booklet is the most comprehensive resource for prospective licensees.*
- [Content Outlines](#) (76 KB pdf)
- [ESL Accommodation Request Form](#) (46 KB pdf)

## RELATED LINKS

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For further questions regarding training and certification, please look at our FAQ which can be found on the DEQ website:

[www.deq.virginia.gov/ConnectWithDEQ/TrainingCertification.aspx](http://www.deq.virginia.gov/ConnectWithDEQ/TrainingCertification.aspx)



# End of Module 1