

These PowerPoint documents have been made available by DEQ Office of Training Services for study purposes only. Exam questions will not be derived from the PowerPoints. PowerPoint documents will not be allowed into the exam.



Stormwater Management Plan Review 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



Course Agenda - Day 1

- 8:30 – 8:45 Module 1 – Course Overview
- 8:45 – 9:15 Module 2 – Administrative Requirements and Contents of a Plan
- 9:15 – 9:45 Module 3 – Stormwater Engineering Concepts
- 9:45 – 10:15 Module 4 – Runoff Reduction Method
- 10:15 – 10:30 **Break**
- 10:30 – Noon Module 4 (continued) – Runoff Reduction Method
- Noon – 1:00 **Lunch (on your own)**



Course Agenda - Day 1

- 1:00 – 1:45 *Exercise 1 – Runoff Reduction Method*
- 1:45 – 2:45 Module 5 – Energy Balance
- 2:45 – 3:00 **Break**
- 3:00 – 3:45 *Exercise 2 – Energy Balance*
- 3:45 – 4:15 Module 6 – P2 Plan and SWPPP Overview
- 4:15 – 4:30 Q&A



Course Agenda - Day 2

- 8:30 – 9:45 Module 7 – Overview of 15 Non-Proprietary BMPs
- 9:45 – 10:15 *Exercise 3 – BMP Sizing*
- 10:15 – 10:30 **Break**
- 10:30 – 11:00 Module 8 – Evaluating Water Quality Compliance
- 10:45 – 11:15 *Exercise 4 – Water Quality Compliance*
- 11:15 – Noon Module 9 – Evaluating Water Quantity Compliance
- Noon – 1:00 **Lunch**



Course Agenda - Day 2

- 1:00 – 3:00 *Exercise 5* –Example Site Plan Review
- 3:00 – 3:15 **Break**
- 3:15 – 4:00 Module 10 – Final Acceptance



Updates from OTS

- Program administrator and inspector exams start in June
- Plan reviewer and combined administrator exam start mid July
 - PA and inspector \$78
 - Plan reviewer \$94
 - Combined administrator \$105


Advanced Search

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For Vendors
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Long-Range Priorities
News Feeds
News Clips
News Releases
Public Calendar
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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


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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 Expenses



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).



Exam

- Please study!
- Review candidate information booklet
 - What to bring
 - What not to bring
 - Candidate identification
 - Exam content outlines



Recertification (Every 3 years)

- 4 options:
 1. Retake and pass exam
 2. Retake DEQ course(s) during last 12 months of certificate term
 3. Complete continuing professional education hours
 4. Maintain professional license and pay recertification fee



Module 1

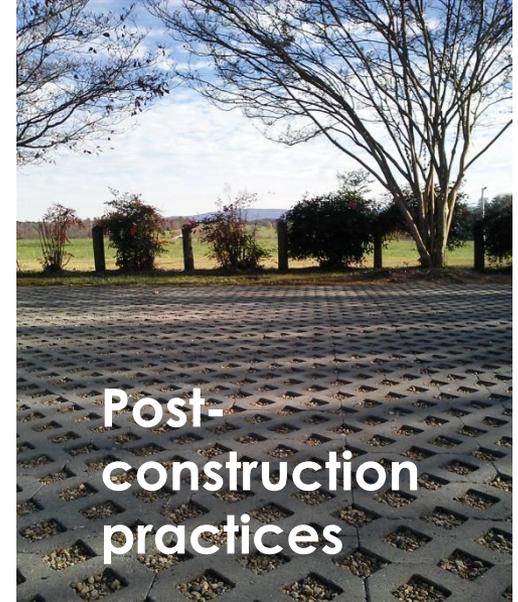
Course Overview



Module 1 Content

- 1a. Overview of VSMP
- 1b. Purpose of Plan Review
- 1c. Plan Review Documentation

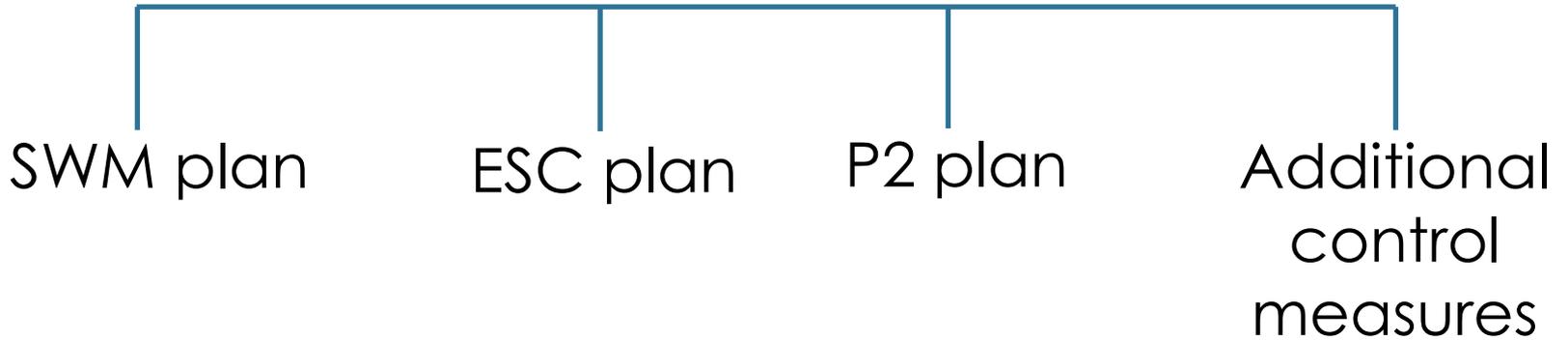
Overview of VSMP



Stormwater

Overview of VSMP

Construction GP
Held by operator



SWPPP

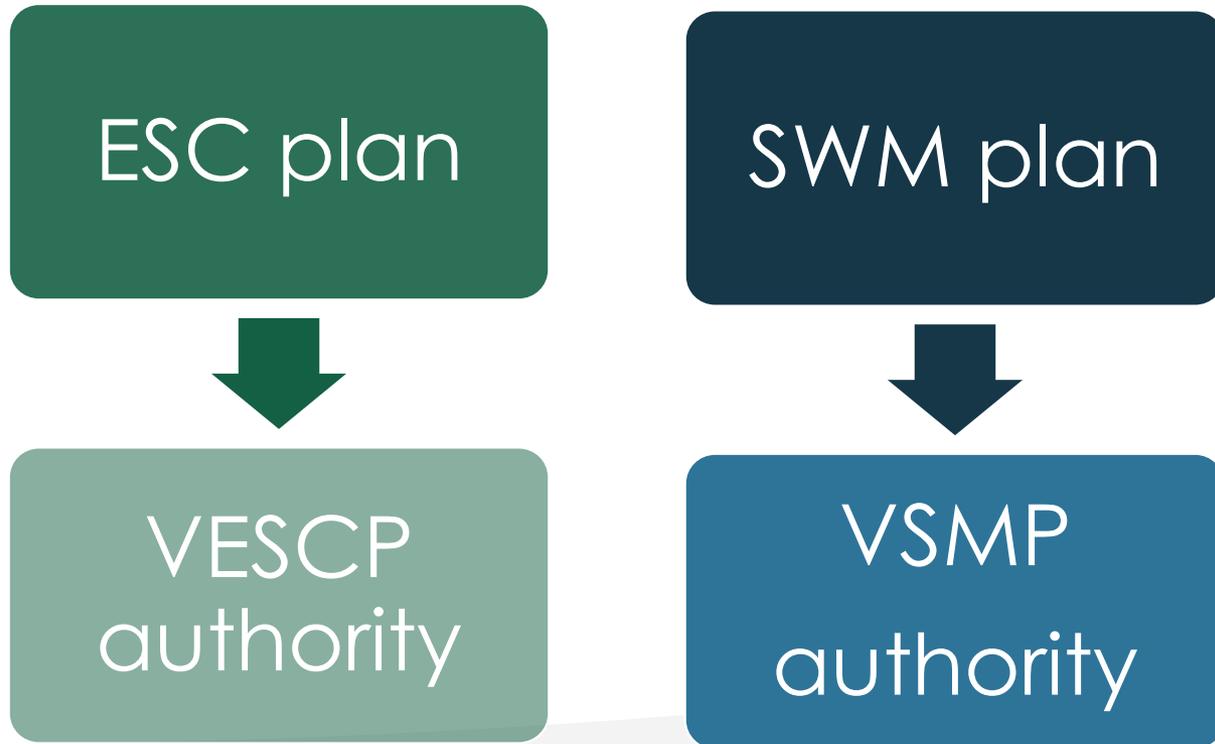


1a. Overview of VSMP

- Construction GP
 - LDA \geq 1 acre; or
 - LDA < 1 acre and part of a **larger common plan of development or sale** disturbing > 1 acre

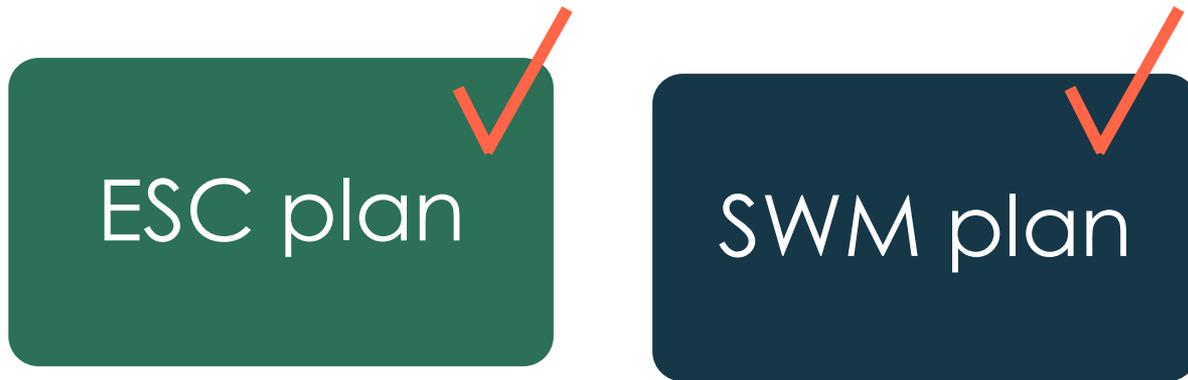
1a. Overview of VSMP

- Construction GP application requirements



1a. Overview of VSMP

- Construction GP application requirements



Application components: ✓
Registration statement
Long-term maintenance agreement
Fees



1a. Overview of VSMP

- Local VSMP authority can adopt an ordinance that requires projects < 1 acre to hold a VSMP authority permit

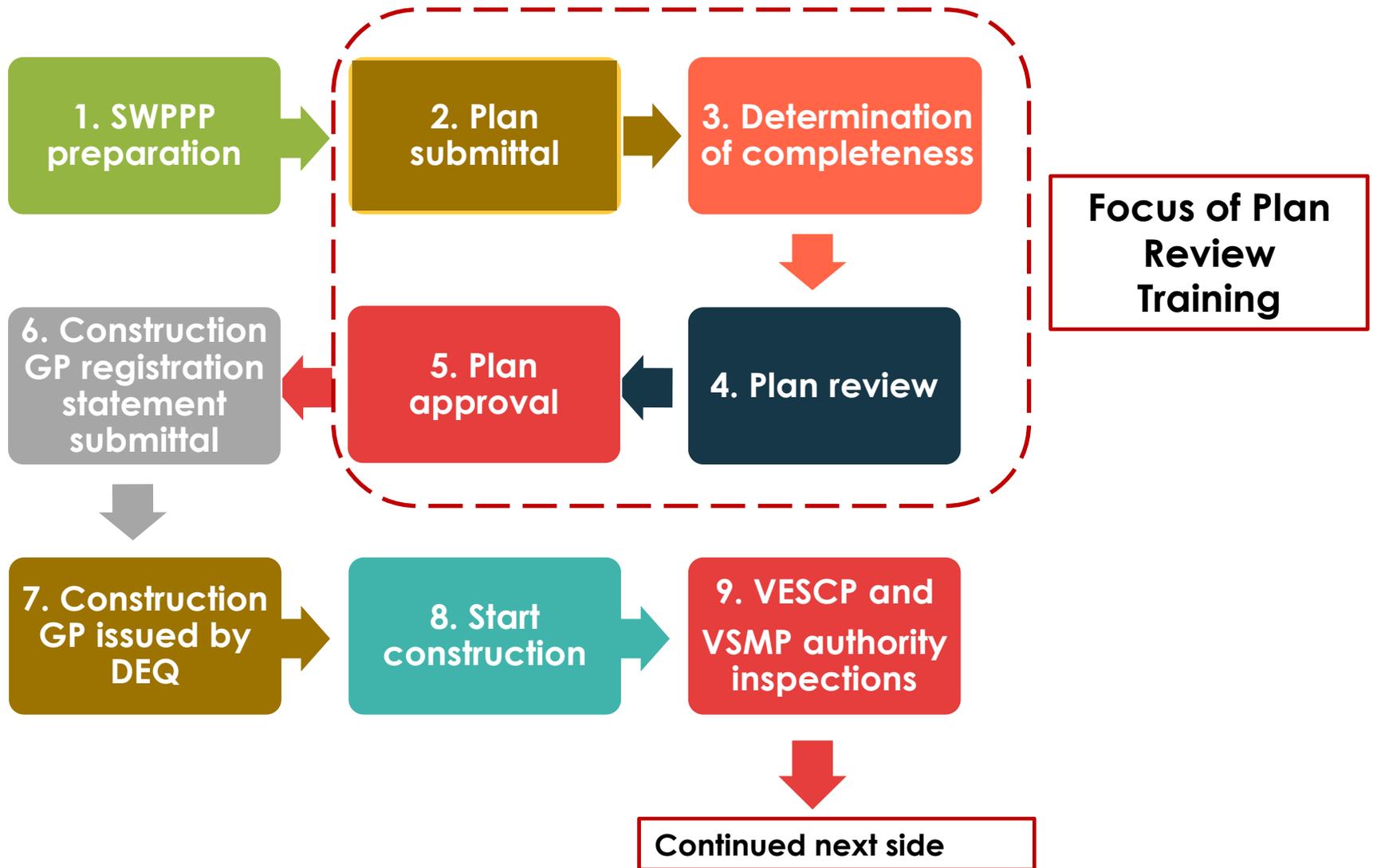
1a. Overview of VSMP

- CBPA LDA

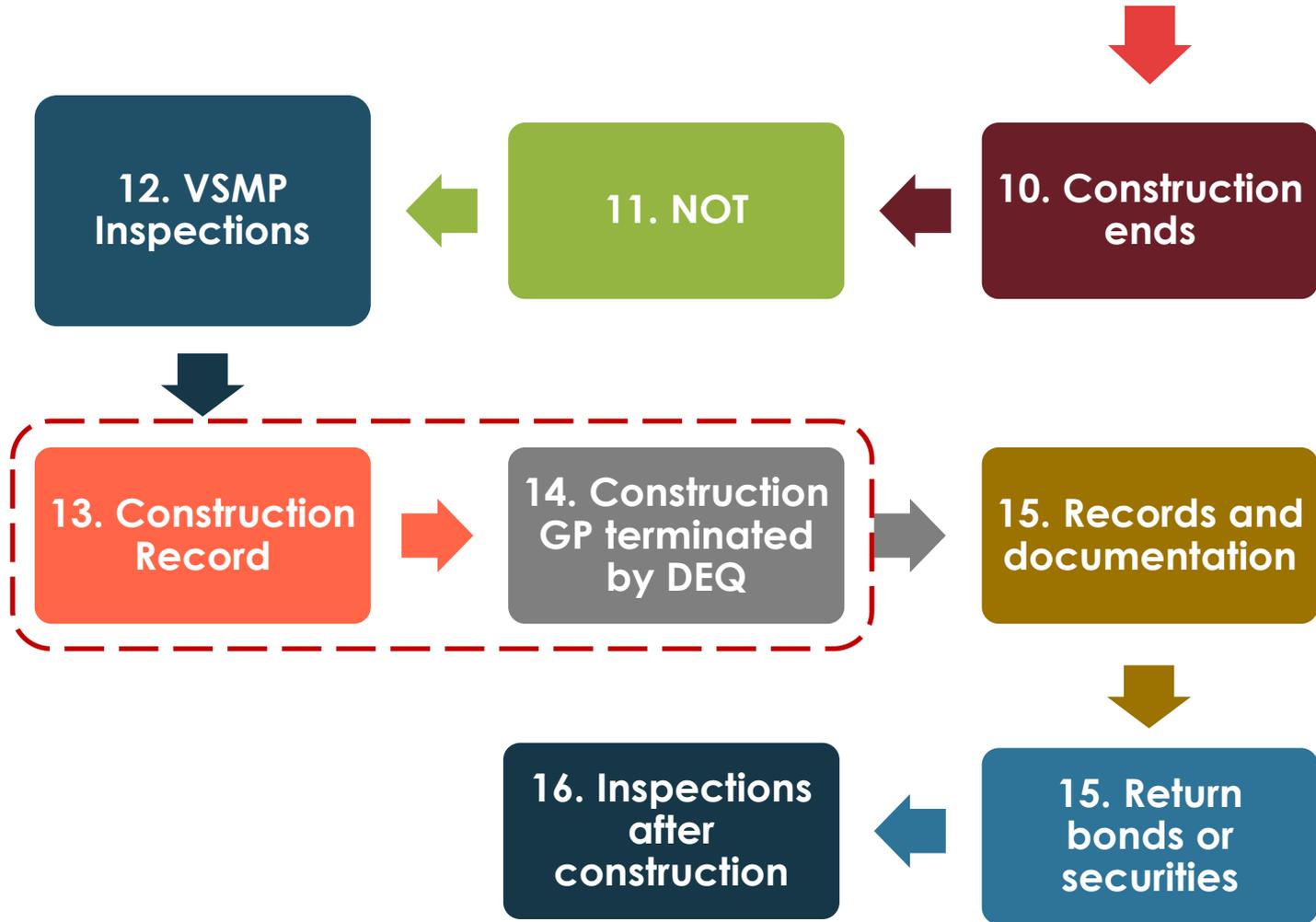


Additional control measures
Long-term maintenance agreement

1a. Overview of VSMP



1a. Overview of VSMP





1b. Purpose of Plan Review

- SWM plan review important for ensuring compliance with:
 - SWM Act and VSMP Regulations
 - Construction GP
 - Local ordinances

Plan Review Certification

	Certified Plan Reviewer for ESC	Certified Plan Reviewer for SWM
Certificate of competence:	Plan Review in ESC	Plan Review in SWM
Who else can qualify as a certified plan reviewer?	P.E., architect, landscape architect, land surveyor or professional soil scientist	N/A
Who must be certified?	Employee or agent of VESC	Employee or agent of VSMP



1b. Purpose of Plan Review

- VSMP Regulations do not require VSMP approval of:
 - Pollution prevention plan
 - Additional control measures to address TMDLs
 - Construction record drawings



1c. Documentation

- Reports and record keeping:
 - Project records must be kept **3 years** after permit termination or project completion
 - Construction record drawings must be kept **in perpetuity** or until the stormwater management **facility is removed**

Questions & Discussion

