

Inspector for Erosion and Sediment Control Day 2





Agenda – Day 2

8:30 – 9:15	Module 6 – The VESCP Inspection Program
9:15 – 10:00	Module 7 – Erosion and Sediment Control Measures
10:00 – 10:15	Break
10:15 – 12:00	Module 7 – Erosion and Sediment Control Measures (continued)
12:00 – 1:00	Lunch
1:00 – 2:15	Module 7 – Continued
2:15 – 2:30	Break
2:30 – 4:00	Inspection/Trouble Shooting Exercise



VESCP Inspection Program

Objectives:

The material in this module discusses the importance of having an effective inspection program in a VESCP.



Some of the information is a refresher from yesterday



Principles of Erosion & Sediment Control

Erosion Control - first line of defense.

“If there is no erosion, there can be no sediment.”

- Prevents damages associated with both erosion and sediment control
- The only practical approach in some instances (e.g., very fine sediments)



Principles of Erosion & Sediment Control

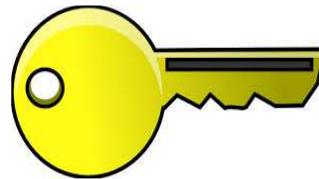
Sediment Control - backup for erosion control measures;
second line of defense.

Coordination of erosion control, sediment control and management of stormwater leaving the site is necessary for a well-integrated program



Inspections

Inspections are the key to an effective ESC Program!



VESCL

VESCR

VESCH

Local
Ordinance



■ ■ ■ Inspection Program

- Without an effective inspection program the other elements become meaningless
- Soil conservation is accomplished through the effective ESC measures implemented on the project



FEB 17 2005

An Effective Inspection Program

An inspector must:

- **Posses an understanding of the rules established by state law, the regulations and the local ordinance**
- **Organize a system to implement those rules effectively**



Importance of Understanding the Law

- **Unless local officials act within the limits of the law, enforcement actions may become unsuccessful**
- **Negligent or inappropriate application of an E&S program may even result in legal action against the Authority**
- **Training local VESCP officials and experience will help improve local program effectiveness**



Role of the Inspector

- During construction, the inspector is required to ensure that the land disturbing activity (the site) is in compliance with the approved plan *and* the minimum standards of the regulations.
- Regular inspections are required to be conducted on each permitted land disturbing activity.

Types of Inspections

1. Initial installation of perimeter controls



2. Regular inspections (possible complaint driven inspections)



3. Project completion. Inspection before release of surety



Inspection Report

- A form used to record a potential problem or violation;
- A way to make sure the responsible person is made aware of a problem;
- Written documentation to help track the arguments or agreements made with the job superintendent;
- Provides a description of problem and advice on how and when it should be corrected.



Maintenance and Inspections (9VAC25-840-60)

Inspections need to be documented!

If it isn't in writing it didn't happen!

Reply To: [INSERT ADDRESS]	[INSERT LOGO]
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INSPECTION REPORT

Project Name: _____ Project Authority: _____
 RLD Name: _____ RLD No. _____
 Project Location: _____ Project No: _____
 Inspector Name: _____ Inspection Date: _____ Time: _____

STAGE OF CONSTRUCTION

Pre-Construction Conference <input type="checkbox"/>	Building Construction <input type="checkbox"/>	Construction of SWM Facilities <input type="checkbox"/>
Clearing & Grubbing <input type="checkbox"/>	Finish Grading <input type="checkbox"/>	Maintenance of SWM Facilities <input type="checkbox"/>
Rough Grading <input type="checkbox"/>	Final Stabilization <input type="checkbox"/>	Other _____ <input type="checkbox"/>

Item#	State/Local Regulation ⁽¹⁾	Violation		Description and Location of Problem/Violation ⁽²⁾ , Required or Recommended Corrective Actions, and Other Comments/Notes
		Initial	Repeat	



Inspection reports

Inspection reports serve as notice of either non-compliance or compliance

Issues of non-compliance must have a deadline for correction



Inspections

Some things to keep in mind while conducting inspections:

- **Does the project comply with the Minimum Standards?**
- **Does the project comply with the standards and specifications in the ESC Handbook? (or an approved variance or other local requirements)**
- **Is the project being constructed in accordance with the approved plan?**



The objective of Inspections

Does the project/regulated land disturbance activity meet the requirements of:

- The ESC Law
- The ESC Regulations
- Local ordinances
- VESC Handbook



The approved plan



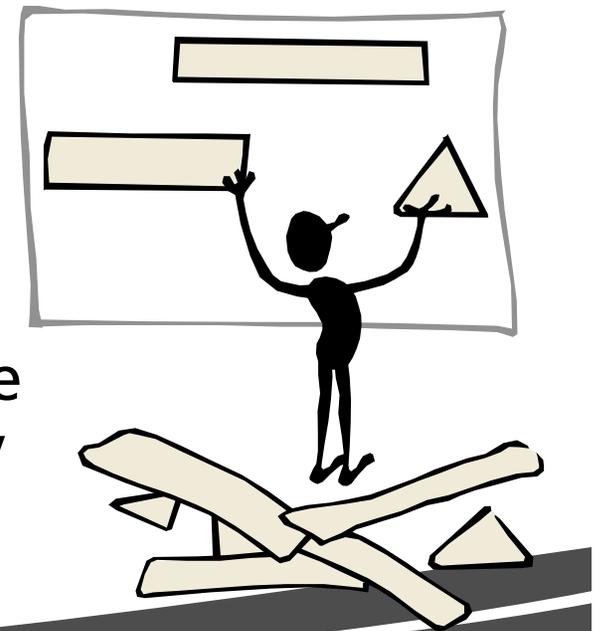
Change of Plan? 62.1-44.15:55-C



Plan may be changed when:

1. Change in circumstances
2. Inspection reveals inadequacies

(All changes need to be consistent with the law, regulations, specifications and any local requirements. May require additional plan review/approval)





Variance Procedure 9VAC25-840-50

Request

- At time of plan submittal
- During construction when field conditions/situations changes
- Must be done in writing
- Cannot be done for economic reasons (i.e. too expensive)

Review

- 10 days
- After 10 days, it is automatically denied
- Approval must be judicious

Compliance Formula



End of Module 6



Questions?