

Hanover
Stormwater Management Program Ordinances
Public Hearing
Ordinance Numbers 13-09,13-10,13-12

February 12, 2014



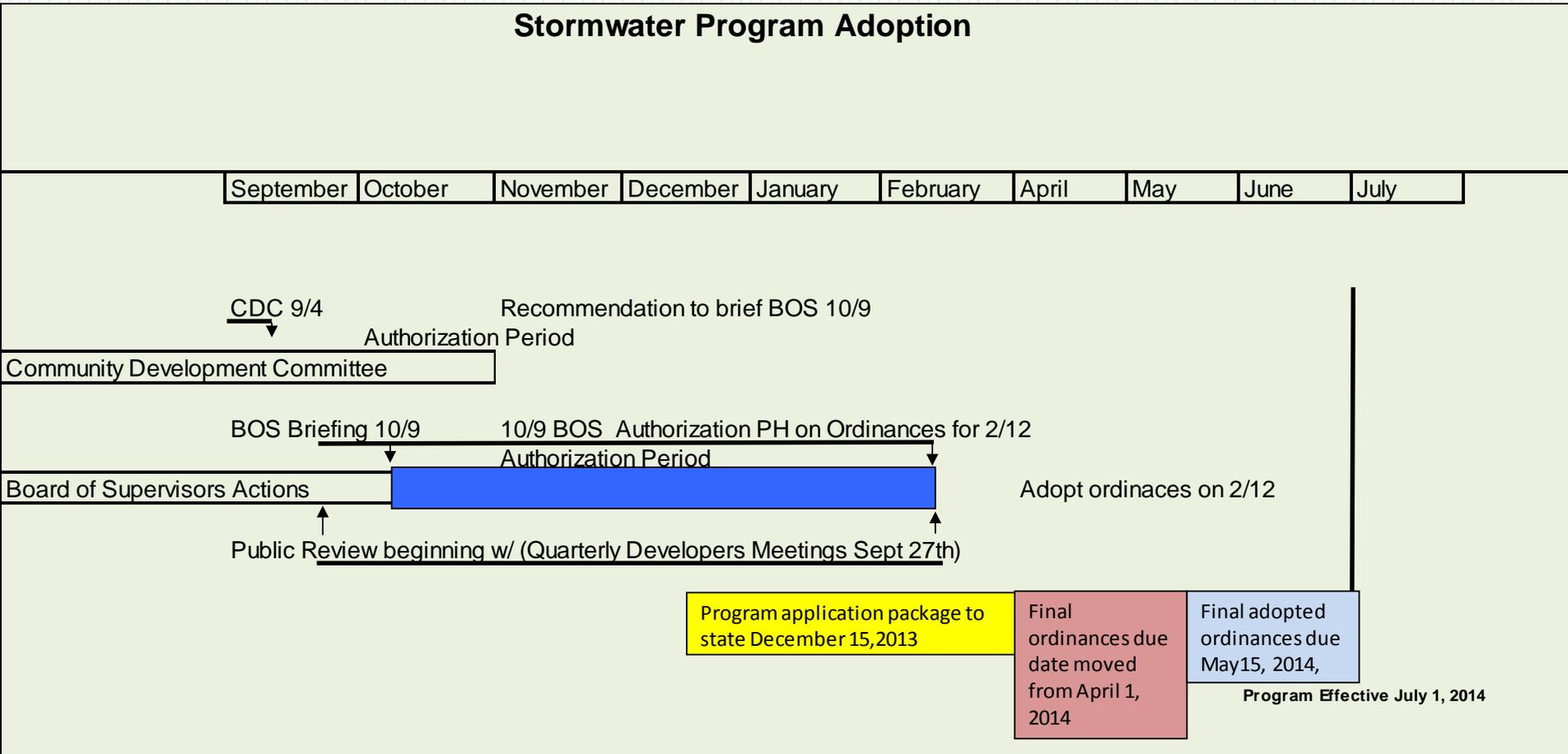
Stormwater Program

- **Erosion & Sediment Control**
- **Chesapeake Bay Preservation**
- **Stormwater Management Program (VSMP)**
- **Municipal Separate Storm Sewer System (MS4) General Permit (MCMs 4 & 5)s (ordinance not affected at this time)**
- **Drainage Design Handbook (Separately considered)**



Timeline

Stormwater Program Adoption



ESC (13-09) & CB Ordinance (13-10) Updates



ESC (13-9) Ordinance Update Summary

- No changes proposed from advertisement
- Address -Mr. Peterson question section 10-7

The person responsible for implementing the approved plan may request a variance during construction. The director shall respond in writing to each variance request **within 10 days** by either approving or denying the request **or requesting additional information**. ~~If the director does not approve a variance request within 10 days of receipt of the request, the request shall be considered denied. Following denial~~ **If denied**, the applicant may resubmit a variance request with additional documentation. If a variance request or resubmitted variance request is denied by the director, the work must comply with all applicable standards.

Chesapeake Bay (13-10) Ordinance Update Summary

- 10-43 Changed “reduction” to “encroachment” per DEQ comment
- (c)(2)b4ii and (c)(4) reference stormwater ordinance for clarity per DEQ comment



Stormwater Ordinance (13-12) Updates



Stormwater Ordinance Update Summary

- In response to recent regulatory changes (December 2013), added clarifying language for single family residences, references to no registration required for SF
- Deleted definition of “state permit” and the term “state’ from reference to general permits.



Pending Public Hearing

Motion to adopt – Ordinance No. 13-09, No. 13-10, and No. 13-12,
Modification of Erosion and Sediment Control, Chesapeake Bay
Preservation and Adoption of a New Stormwater Management
Program Ordinance.



Public Hearing

Hanover County Drainage Design Handbook

February 12, 2014

Ordinance 13-16



Drainage Design Handbook

Establishes Standards for Design

Summary of Changes

COUNTY OF HANOVER, VA.
DRAINAGE DESIGN HANDBOOK



DEPARTMENT OF PUBLIC WORKS
P.O. BOX 410
HANOVER, VIRGINIA 23069-0410
PHONE (804) 365-6000

- Updates references to ordinances
- Updates references to applicable design standards
- Clarify design requirements relating to permissible velocity for open man-made and natural channels
- Updates ‘Stormwater Management’ section IX to reference the “permissible velocity” approach as the local alternative to “energy balance” approach in the state regulation.



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Summary

- Permissible Velocity approach focuses more on the channel characteristics and does not require over design or under design.
- Permissible Velocity approach should generally result in overall less cost but will be site and condition specific. (*forested sites*)
- Permissible Velocity approach is more protective for the “*community*” and lowers the chance of problems that will have to be addressed through other mandates such as MS4, maintenance and other related problems.



Requested Action:

Motion to adopt Ordinance 13-16 – Amendments to the Hanover County Drainage Design Handbook, effective July 1, 2014.

