



Consolidation of Virginia Erosion and Sediment Control and Stormwater Management Regulations

Update

John A. Friedman, P.E.
Land Development Services

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Background

Consolidated Regulation

- Combines:
 1. Erosion and Sediment Control Regulations.
 2. Erosion and Sediment Control and Stormwater Certification Regulations.
 3. Virginia Stormwater Management Program Regulations.
- Clarifies program requirements, eliminates redundancies, and corrects inconsistencies between erosion and sediment control regulations and stormwater management program regulations.



Background

Consolidated Regulation

- The Virginia Erosion and Stormwater Management Act (Act) and regulations do not require us to combine our existing Erosion and Sedimentation Control and Stormwater Management ordinances and we are not proposing to do so.
- No substantive changes to existing erosion and sediment control minimum standards or to the postconstruction stormwater management technical criteria are part of the new regulation except for a change to the exemption provision for single-family detached residential structures that was included in VESMA.



Changes to the Exemption Provisions

- Under current laws and regulations, the county created a limited exemption from both storm water quantity and quality control for land disturbing activities greater than 2,500 sq. ft. for single-family detached residential structures in our Stormwater Management Ordinance.
- Under VESMA, quantity control is required and the County may only exempt land-disturbing activities 2,500 sq. ft. or more for single-family detached residential structures from water quality control.



Discussion

County's current limited exemption

- Single-family dwellings separately built and disturbing less than 1 acre including additions, accessory structures and demolitions exempt for both water quantity and quality:
 1. Total impervious area less than 2,500 sq. ft. or 18% of lot area whichever is greater; or
 2. Total lot area is ½ acre or less and no more than 500 sq. ft. of new impervious area will be added.
- The county can keep the existing limited exemption but it would only be for water quality control



Discussion

Impacts of requiring water quality control

- Improved stream water quality.
- No impacts on additions that do not require grading plans.
- Limited impacts on infill lot grading plans.
 1. Infill lot grading plans that do not meet current exemption criteria already provide quantity and quality controls.
 2. Infiltration facilities used to meet the required water quantity control will also provide a measure of water quality control.
 3. Water quality control may be provided using credits from a nutrient bank.
- No impacts on non-residential projects.



Summary

- Erosion and Sedimentation Control Ordinance and Stormwater Management Ordinance will be updated next year to be effective July 1, 2024
- Minimal substantive changes to technical criteria.
- Water quantity control required for all land disturbance equal to or greater than 2,500 sq. ft.
- Board to decide on requiring water quality controls for all land disturbance equal to or greater than 2,500 sq. ft.



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Questions



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