



TOWN OF
VIENNA
Public Works

TO: Vienna Construction Industry
FROM: Alan Chen, Engineer
DATE: June 17, 2024
SUBJECT: Updated DEQ Consolidated Erosion and Stormwater Regulations

On June 2023, the State Water Control Board approved and adopted the Virginia Erosion and Stormwater Management (VESM) Regulation, which also repeals the existing Erosion and Sediment Control Regulations and Virginia Stormwater Management Program Regulations. The updated regulation is known as the “Consolidation Bill” and combines requirements for stormwater management and erosion and sediment control and will be effective July 1, 2024.

Accompanying the approval of the updated VESM regulations, Virginia DEQ also released a consolidated Virginia Stormwater Handbook 1.0 published on February 23, 2024, which will be effective on July 1, 2024. This updated manual repeals the existing 1999 Virginia Stormwater Handbook and the 1992 Erosion and Sediment Control Handbook. Additionally, DEQ has also released the updated Virginia Runoff Reduction Method 4.1 (VRRM) spreadsheet used by engineers to calculate the required stormwater quality improvements based on site conditions. Some of these changes include a “mixed open” ground cover category, a different total phosphorous loading rate, and the addition of two new post-development BMPs including Regenerative Stormwater Conveyance (RSC) and Tree Plantings.

DEQ has implemented a 1-year transitional period where municipalities can accept compliance with either the existing stormwater and erosion and sediment control manuals or the updated Virginia Stormwater Handbook Volume 1.0 and either version of the VRRM spreadsheet until July 1, 2025. **However, please note that the Town of Vienna will be requiring all submitted construction documents to adhere to 2024 Virginia Stormwater Handbook 1.0 and the VRRM 4.1 standards and design guidelines as of August 1, 2024.**

An updated version of the Virginia Stormwater Management Handbook can be found on the following DEQ website: <https://www.deq.virginia.gov/our-programs/water/stormwater/stormwater-construction/handbooks>

The updated DEQ guidance and VRRM 4.1 spreadsheet is available here: <https://www.deq.virginia.gov/our-programs/water/stormwater/stormwater-construction/guidance-vrrm>

Additionally, the Town of Vienna anticipates a revision of the existing Town Code Chapter 23 – Environmental Controls to incorporate the changes to the consolidated regulations will be enacted on July 1, 2024 as well.

The accelerated timeline for acceptance of the new standards and guidelines by August 1, 2024 has been implemented by the Town of Vienna to avoid confusion between reviewing and implementing two

different set of stormwater and erosion and sediment control standards. By following the new standards, the Town of Vienna plan review process will remain streamlined and standardized. Please do not hesitate to reach out with any questions or concerns regarding these new standards and the Town of Vienna will do our best to work with applicants to resolve any issues or confusion with these updated regulations.

A handwritten signature in black ink that reads "Alan Chen". The signature is written in a cursive, flowing style.

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