

NR 151—New Stormwater Rules

Stormwater Requirements For New Development

On October 1, 2004, the stormwater criteria of Wisconsin Administrative Rule (NR 151) will become the statewide standard for stormwater management on new developments. This rule will affect the development of private property throughout Wisconsin by potentially:

- increasing development cost,
- requiring more land, and
- lengthening the approval process.

The NR 151 rule contains required practices for both construction and post-construction stormwater management activities to mitigate increased surface runoff and water pollution associated with developing areas.

During Construction

Stormwater Quality - Practices to remove 80 percent of the average annual Total Suspended Solids (TSS) load, which would normally leave the site during the construction period.

Post-Construction

Stormwater Quantity - Practices which reduce the post-development runoff rate from the two-year storm to the pre-development level.

Stormwater Quality - Practices to remove 80 percent of the average annual TSS load, which would normally leave the site. For redevelopment, practices must remove 40 percent of the TSS load.



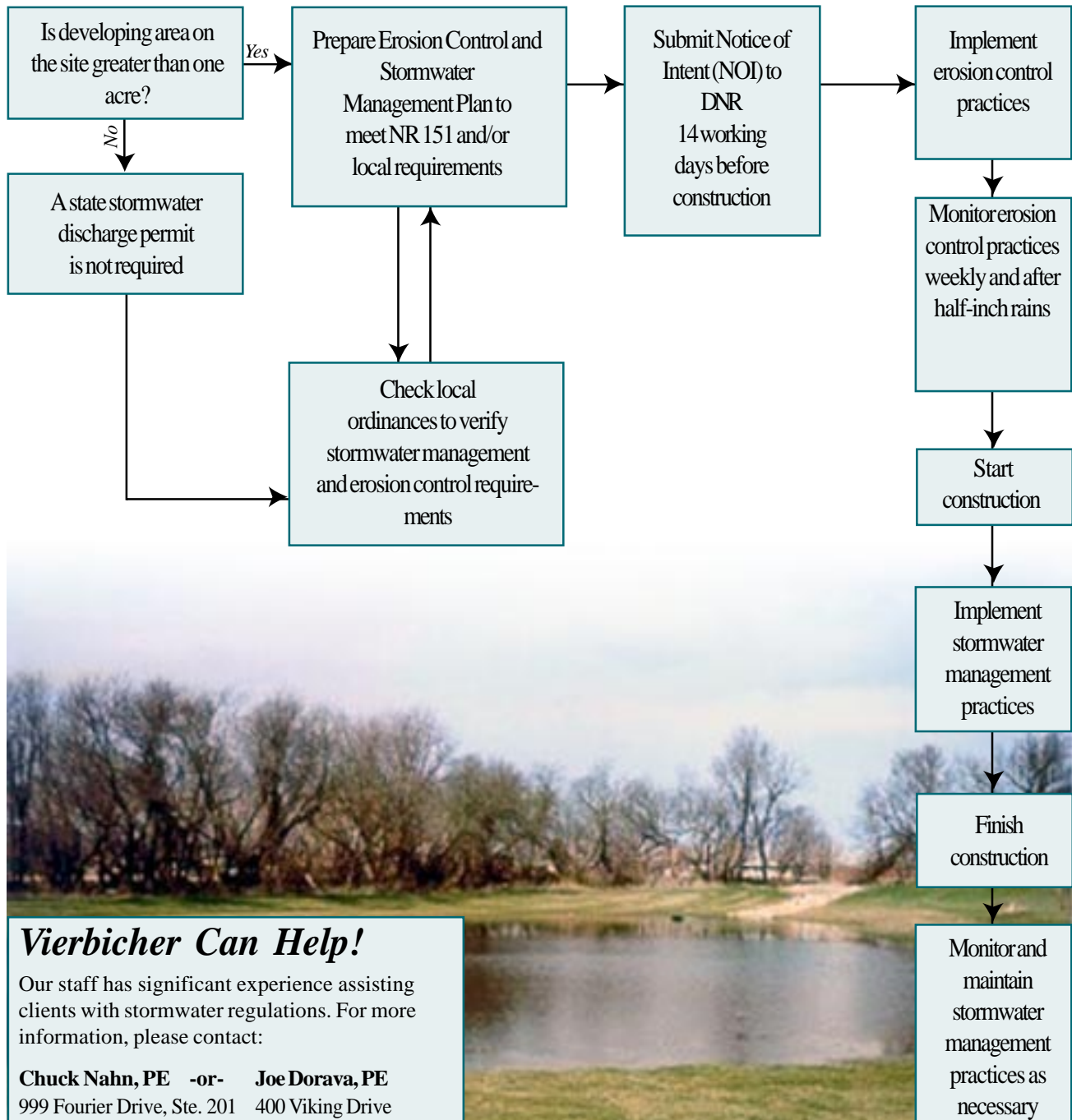
Stormwater Infiltration - Practices to infiltrate a portion of the runoff prior to leaving the site as follows:

- For residential areas - the infiltration amount is either 90 percent of the pre-development infiltration volume or 25 percent of the two-year, 24 hour design storm volume. However, the area dedicated to infiltration need not exceed one percent of the overall site area.
- For non-residential areas (commercial, institutional, and industrial land uses)- the infiltration amount is either 60 percent of the pre-development infiltration volume or 10 percent of the two-year, 24 hour storm volume. However, at these non-residential sites, the area dedicated to infiltration need not exceed two percent of the total site area.

Some prohibitions and exemptions to the infiltration rule apply in areas of primarily clay soils, high bedrock, or high groundwater contamination potential.



Flow Chart for NR 151 Process



Vierbicher Can Help!

Our staff has significant experience assisting clients with stormwater regulations. For more information, please contact:

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