

Town of Williston

RUNOFF & EROSION CONTROL PLAN CHECKLIST, AS REQUIRED BY WDB 29.4.1

This checklist must be submitted with permit applications for proposed developments that will result in significant clearing and grading (greater than 2 acres) or where development will occur in a vulnerable area, such as a watershed protection buffer or on slopes greater than 8%. Smaller projects that are outside vulnerable areas will need to submit the Low Impact Runoff and Erosion Control Checklist. Please see WDB 29.2-4 to determine which checklist you need to submit. If you are required to use this checklist, attach it to the Discretionary Permit Application Checklist or Administrative Permit Application.

Applicant Administrator All runoff and erosion control plans must contain:

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Hydrology. Runoff and erosion control plans shall show existing wetlands, springs, streams, ponds, lakes, drainage ditches, wells, and other hydrologic features of the proposed development site. They shall also show nearby waters that may be affected by the proposed development, including those that will receive runoff from the proposed development and those from which a watershed protection buffer extends onto the proposed development site. A separate vicinity map may be used to show nearby waters.

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Existing Conditions. Runoff and erosion control plans shall show all existing impervious surfaces and surface drainage and stormwater management measures on the proposed development site. They shall also show all existing surface drainage and stormwater management installations, including catch basins, that will receive runoff from the proposed development. A separate vicinity map may be used to show nearby installations.

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Buffers. Where applicable, required watershed protection buffers shall be clearly delineated on all runoff and erosion control plans.

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Soils. Runoff and erosion control plans shall show the soil mapping units found on the site, as identified by the Natural Resources Conservation Service, as well as any prominent geologic features, including bedrock outcrops. The relevant characteristics of each soil mapping unit, including slope, erosion hazard, hydrologic group, and “k” value shall be shown in an accompanying legend or table.

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Vegetation. Runoff and erosion control plans shall show the existing vegetation on the site in sufficient detail to demonstrate compliance with the performance standards of Chapter 29. This may include mapping individual trees and other plants. The level of mapping needed shall be determined at the pre-application conference. A starting point for that determination shall be the mapping of all live trees and snags with a dbh of six (6) or more inches.

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Construction Measures. Runoff and erosion control plans shall show disturbance limits and all other measures proposed to prevent accelerated runoff and erosion during construction including all details needed to demonstrate compliance with the performance standards of Chapter 29.

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Permanent Measures. Runoff and erosion control plans shall show all measures proposed to manage runoff and limit erosion during the long-term use of the proposed development, including all details needed to demonstrate compliance with the performance standards of Chapter 29.

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Calculations. Runoff and erosion control plans shall be accompanied by all calculations used to size the measures proposed.

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Schedule. Runoff and erosion control plans shall include a coordinated schedule for the clearing and grading of the site and for the installation of all measures required to implement these performance standards.

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Inspections. Runoff and erosion control plans shall include an inspection schedule for runoff and erosion control measures used during the construction period.

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Maintenance. A maintenance manual and schedule shall be provided for all permanent measures.

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Images. The use of aerial and/or still photography or visual simulations illustrating existing site conditions and proposed features of the runoff and erosion control plan may be required. The need for such illustration will be determined at the pre-application conference.

I understand the erosion and runoff control requirements of the Williston Development Bylaw, as they are embodied in this checklist and certify that, if approved, the development I have proposed will proceed in full compliance with these requirements.

Applicant's Signature: _____ Date: _____