

Town of Williston

LOW IMPACT RUNOFF & EROSION CONTROL CHECKLIST

This checklist must ordinarily be submitted whenever a development will involve clearing, grading, or disturbance of between 0.25 (1/4) and 2 acres of land. Larger developments and all development that impacts a watershed protection buffer or a slope of 8% or more must submit a Runoff and Erosion Control Plan. By initialling the checklist, the applicant indicates he/she will comply with the performance standards. Failure to implement and maintain the required runoff and erosion control measures is a violation of the *Williston Development Bylaw*, subject to enforcement as provided by WDB 7.4 and 7.5 For more information on how to implement erosion control measures, please refer to the State of Vermont's *Low Risk Site Handbook for Erosion and Sediment Control*, which is available online at: http://www.vtwaterquality.org/stormwater/docs/construction/sw_low_risk_site_handbook.pdf).

applicant

administrator

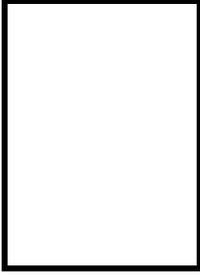
Mark Construction Limits. Before beginning construction, the limits of construction impact must be physically marked on-site, using orange flagging or safety fence. A protection zone must also be established around any existing vegetation that is to be retained, to the dripline of the vegetation). All Class 2 wetlands and land in Watershed Protection Buffers must be outside the marked construction limits.

Stabilize Construction Entrance/Exit. If you are going to be driving **any** vehicles on and off the construction site, the construction entrance/exit must be stabilized. Geotextile filter cloth must be put down and covered with clean 1" to 4" gravel at least 8 inches thick. The stabilized entrance must be 12 feet in width and a minimum of 40 feet in length (or the length of the driveway if this is shorter than 40').

Install Silt Fence. Silt fence must be installed on the downhill side of construction activities in order to intercept runoff and allow sediment to settle out. Ensure that the silt fence catches all runoff from bare soil, and is installed across the slope *prior to the start of construction activity*. Hay bales may NOT be substituted for silt fence.

Divert Upland Runoff. Create diversion berms to intercept and divert upslope runoff before it reaches your construction site. Compact the berm with a shovel and stabilize it and the channel below it with seed or erosion control matting.

Slow Down Channelized Runoff. Stone check dams must be installed in all channels and/or ditches which will be used to divert or direct stormwater flow. The spacing of check dams must be equal to the height of the check dam divided by the channel slope. Hay bales may not be used as check dams.



Stabilize Exposed Soil. All areas of disturbed soil must have temporary or permanent stabilization within 14 days of initial disturbance. Temporary stabilization can be achieved by seeding and mulching, or applying erosion control matting after the day's construction activity is finished. After final grade is achieved, permanent stabilization must follow within 48 hours, via seeding and mulching, or hydroseeding.

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: _____