



# County of Roanoke

DEPARTMENT OF COMMUNITY DEVELOPMENT

## AGREEMENT IN LIEU OF AN EROSION & SEDIMENT CONTROL PLAN

Owner Name:	Phone Number:
Email Address:	
Project Name/Address:	
Tax Parcel ID #:	Est. Land Disturbance Amount (sq. ft.):
<b>Responsible Land Disturber (RLD) Information (Applicable if disturbance is <math>\geq</math> 5,000 square feet)</b>	
Name:	Phone Number:
Address:	Email Address:
RLD Certification Number:	RLD Certification Expiration Date:

In lieu of submission of an Erosion and Sediment Control Plan for land-disturbing activities associated with the construction of a single family residential structure, or for land-disturbing activities for other types of development that disturb less than 10,000 square feet, I agree to comply with reasonable requirements determined necessary by the County of Roanoke. Such requirements shall be based on the conservation standards contained in the County of Roanoke's Erosion and Sediment Control Ordinance, and shall represent the minimum practices necessary to provide adequate control of erosion and sedimentation on or resulting from this project.

At a minimum, sediment shall be contained on the site by adequate perimeter controls, and all disturbed areas shall be stabilized within seven (7) calendar days of final grading with permanent vegetation or a protective ground cover suitable for the time of year.

I further understand that failure to comply with such requirements within three (3) working days following notice by the County of Roanoke may result in a citation for violation of the County of Roanoke's Erosion and Sediment Control Ordinance. The County of Roanoke may also require that an engineered site plan be submitted to correct the violations.

**Owner Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Approved By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Erosion and Sediment Control Minimum Standards (as Applicable)**

<b>MS-1</b>	Permanent or temporary soil stabilization shall be applied to denuded areas within 7 days after final grade is reached on any portion of the site and on denuded areas that may not be at final grade but will remain dormant for longer than 14 days. Permanent stabilization shall be applied to areas that are to be left dormant for more than one year.
<b>MS-2</b>	Soil stockpiles & borrow areas must be properly stabilized or protected with seeding or sediment trapping measures; this includes offsite borrow areas and soil that is intentionally transported from the project site. [Ensure to have proper permits for off-site locations] Per MS-1, stockpiles that are dormant > 14 days should be temporarily seeded.]
<b>MS-3</b>	Permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized. Permanent vegetation must be uniform in height, mature enough to survive, thick enough to prevent erosion.
<b>MS-4</b>	Sediment trapping facilities (basins, traps, dikes, barriers, etc.) must be constructed as a first step in the land disturbing activity & made functional before upslope land disturbance occurs.
<b>MS-5</b>	Stabilization measures shall be applied to earthen structures (such as dams, dikes, traps, basins, and diversions) immediately after installation.
<b>MS-6</b>	Sediment traps & sediment basins shall be designed and constructed based upon the total drainage area that they serve; traps serve less than 3 acres, basins serve 3 or more acres.
<b>MS-7</b>	Finished cut and fill slopes must be adequately stabilized.
<b>MS-8</b>	Concentrated runoff shall not flow down a cut or fill slope unless contained within an adequate temporary or permanent channel, flume, or slope drain structure.
<b>MS-9</b>	Slope faces must have adequate drainage or other protection from water seeps.
<b>MS-10</b>	All operational storm sewer and culvert inlets must have adequate inlet protection.
<b>MS-11</b>	Stormwater conveyance/receiving channels must be adequately stabilized with channel lining and/or outlet protection.
<b>MS-12</b>	In-stream construction must be conducted using measures to minimize channel damage, sediment transport. Use non-erodible material, as needed.
<b>MS-13</b>	When construction vehicles must cross a live watercourse more than twice in any six-month period, a temporary vehicular stream crossing using non-erodible material must be provided.
<b>MS-14</b>	Necessary permits must be in place to work in or cross waterways.
<b>MS-15</b>	The bed and banks of a watercourse shall be stabilized immediately after work in the watercourse is completed.
<b>MS-16</b>	Utility trenches must be properly stabilized. No more than 500 ft. open at any time, excavation material must be placed on upslope side of excavation, water removed from excavation must be properly filtered, backfill must be compacted, and proper safety measures must be used.
<b>MS-17</b>	Soil and mud must be kept off public roadways at intersections with site access roads. Construction entrances must be in place with proper dimensions, proper stone & fabric, and in adequate condition.
<b>MS-18</b>	All temporary erosion and sediment control structures that are no longer needed must be removed. All control structure repairs and sediment removal must be performed.
<b>MS-19</b>	Properties and waterways downstream from development sites shall be protected from sediment deposition, erosion, and damage due to increases in volume, velocity, and peak flow rate of stormwater runoff.