



Town of Warren

514 Main Street • Warren, Rhode Island • 02885
www.townofwarren-ri.gov

Department of Building & Zoning

William J. Nash, Jr. • Building Official/Zoning Officer
wnash@townofwarren-ri.gov • 401-245-7343 • 401-245-0595 (fax)

Soil Erosion and Sedimentation Control Permit Application

Today's Date: _____ Fee: **\$250.00**

Received by: _____ Check #: _____

It shall be unlawful for any person to disturb any existing vegetation, grades, and contours of land in a manner which may increase the potential for soil erosion or other storm water pollutants, without first applying for and receiving a Soil Erosion and Sedimentation Control Permit or a notice of non-applicability from the Building Official.

Attached please find the required plan contents and performance principals. Full copies of the Soil Erosion Ordinance are available on request or on the Town website at www.townofwarren-ri.gov.

Property Address: _____ Plat: _____ Lot(s): _____

Property Owner: _____ Phone: _____

Property Owner Mailing Address: _____

Applicant: _____ Phone: _____

Applicant Mailing Address: _____

Engineer: _____ License #: _____

Engineer Mailing Address: _____ Phone: _____

Brief description of project: _____

By signing below, the Owner agrees to conform to Chapter 17 of the *Warren Town Code*—**Soil Erosion And Sedimentation Control**.

Property Owner's Signature: _____ Date: _____

(below for office use only)

Consulting Engineer comments/approval: _____

Building Official review/comments: _____

Determination of non-applicability: _____ Reason: _____

Project Approved for Permit: _____ Building Official Signature: _____

Initial Inspection: _____ Comments: _____

Periodic Inspections/comments: _____

Final Inspection: _____ Building Official Signature: _____
(upon final inspection/approval)



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Soil Erosion and Sedimentation Control Plan Contents & Performance Principals Checklist

- _____ The soil erosion and sediment control plan shall be prepared by a registered professional engineer, or land surveyor on standard eight and one-half (8-1/2) inch by eleven (11) inch, eleven (11) inch by seventeen (17) inch, or twenty-four (24) inch by thirty-six (36) inch sheets at a suggested scale of one (1) inch equals forty (40) feet. A key sheet shall be included if a plan consists of more than two (2) sheets. The soil erosion and sediment control plan shall include sufficient information about the proposed activities and land parcel(s) to form a clear basis for discussion and review and to comply with all applicable requirements of this chapter.
- _____ A minimum of three (3) copies, plus any additional copies that may be required by the building official, shall be submitted.
- _____ A brief narrative describing the proposed land disturbing activity and the soil erosion and sediment control measures, waste management measures, construction-site chemical control measures, and storm water management measures to be installed to control erosion and storm water pollution that could result from the proposed activity. The narrative shall also provide a description of any potential sources of pollution that may be expected to affect the quality of storm water discharges from the site.
- _____ Supporting documentation, such as a drainage area, existing site, and soil maps shall be provided as required by the building official or his or her designee.
- _____ Construction drawings in detail commensurate with the size of the project, sensitivity of the potentially affected water body and distance to water and/or storm sewer system. These drawings will illustrate existing and proposed contours, drainage features, and vegetation; limits of clearing and grading, the location of soil erosion and sediment control and storm water management measures, detail drawings of measures; stock piles and borrow areas; waste collection; concrete truck wash out sites; sequence and staging of land disturbing activities; and other information needed for construction.
- _____ A schedule showing the sequence of construction and inspection and maintenance of erosion and sediment control measures.
- _____ All applicants shall provide other information, or construction plans and details as deemed necessary by the building official or his or her designee for a thorough review of the plan prior to action being taken as prescribed in this chapter. Withholding or delay of information may be reasons for the building official or his or her designee to judge the application as incomplete and providing grounds for disapproval of the application.

This information may be drafted on the plans or may be included as attachments and shall consist of the following:

- _____ Locus plan;
- _____ The name and address of the owner of the site, and, if different, the applicant, the designer, and the developer;
- _____ The location, extent, and type of all proposed work to be performed, including all existing and proposed buildings, structures, utilities, sewers, water mains, and storm drains on the site;
- _____ Topographic mapping with elevations keyed to the municipal base showing existing contours at intervals of not more than two (2) feet and contours at two (2) foot intervals of the finished grade of all disturbed land areas at the conclusion of the construction and/or land disturbance activities;

- _____ A description of the general topographic and soil conditions at the project site, including all significant limitations such as rock outcrops, existing alterations to natural drainage, and any other site characteristics pertinent to the work to be performed;
- _____ The location and size of all parking and loading areas and driveways, both public and private;
- _____ The location of all existing and proposed buildings or structures, utilities including drainage facilities, and all significant natural features within one hundred (100) feet of the proposed work to be performed;
- _____ The name, location, right-of-way width, and pavement width of all streets, roads and highways within one hundred (100) feet of the site;
- _____ The location and names, if applicable, of any streams, wetlands, water bodies, drainage swales, watercourses, and areas subject to periodic flooding, both on and within one hundred (100) feet of the site on which the work is to be performed. Included shall be a delineation of any areas designated as flood hazards by the Federal Emergency Management Agency or other state or federal agencies;
- _____ The names and addresses of all owners of abutting parcels and the location of all adjoining lot boundaries according to the latest assessor's records;
- _____ The approximate total quantity of earthwork involved in the proposed work, with appropriate breakdown as to cut and fill;
- _____ The location and extent of the removal of existing topsoil, trees, and other vegetation; quantities and location of any material to be removed from the site;
- _____ The estimated time of exposure for all disturbed land area(s) on the site prior to the completion of effective temporary or permanent erosion and sediment control measures and facilities. This shall include planting and seeding dates and application rates, and the phasing plan indicating the anticipated starting and completion dates of all phases of proposed site work;
- _____ Details of all proposed drainage provisions to be employed on the site including the location and type of all proposed erosion and sediment control measures and storm water runoff controls of both a permanent and temporary nature and specifications for the maintenance of each;
- _____ The type, location, and extent of all proposed temporary and permanent vegetation and mulching that will be used to protect exposed areas of the project site;
- _____ Prompt submittal of such other information or construction plans and details as deemed necessary by the building official or his designated agent for a thorough review of the plan prior to action being taken as prescribed in this chapter. Withholding or delay of such information may be reason for the building official to judge the application as incomplete and grounds for disapproval;

Performance Principles:

The contents of the soil erosion and sediment control plan shall clearly demonstrate how the principles, outlined below, have been met in the design and are to be accomplished by the proposed development project.

1. The site selected shall show due regard for natural drainage characteristics and topography;
2. To the extent possible, steep slopes (e.g., greater than 10 percent) shall be avoided.
3. The grade of slopes created shall be minimized;
4. When downstream capacities prove to be inadequate, any increase in storm runoff shall be controlled on-site to minimize downstream impact. This increased storm runoff shall be retained and recharged as close as feasible to its place of origin by means of detention ponds or basins, seepage areas, subsurface drains, porous paving, or similar technique;
5. Original boundaries, alignment and slope of watercourses within the project locus shall be preserved to the greatest extent feasible;

6. In general, drainage shall be directed away from structures intended for human occupancy, municipal or utility use, or similar structures;
7. All drainage provisions shall be of such a design and capacity so as to adequately handle storm water runoff, including runoff from tributary upstream areas which may be outside the locus of the project;
8. Drainage facilities shall be installed as early as feasible during construction, prior to site clearance, if possible;
9. Fill located adjacent to watercourses shall be suitably protected from erosion by means of rip-rap, gabions, retaining walls, vegetative stabilization, or similar measures;
10. Temporary vegetation or mulching shall be used to protect bare areas and stockpiles from erosion during construction; the smallest areas feasible shall be exposed at any one (1) time; disturbed areas shall be protected during the nongrowing months, November through March;
11. Permanent vegetation shall be placed immediately following fine grading;
12. Trees and other existing vegetation shall be retained whenever feasible; the area beyond the dripline shall be fenced or roped off to protect trees from construction equipment;
13. Construction wastes and construction-site chemicals will be managed to reduce the potential for storm water runoff to mobilize them and contaminate surface or ground water;
14. All areas damaged during construction shall be resodded, reseeded, or otherwise restored. Where soil compaction has occurred through storage of materials or use of equipment, soil infiltration shall be restored through use of soil amendments or other means. Monitoring and maintenance schedules, where required, shall be predetermined.

Supplemental Information

The applicant/owner shall notify the building official 48 hours in advance of their intent to begin clearing and construction work described in the soil erosion and sediment control plan. The applicant shall have the soil erosion and sediment control plan on the site during grading and construction. **Control measures shall be in place prior to the pouring of any concrete for the project and shall remain in place until grass/vegetation is established on the property.**

Maintenance of all erosion-sediment control measures shall be the responsibility of the owner. Such erosion-sediment control measures shall be maintained in good condition and working order on a continuing basis.

The provisions of this ordinance shall be administered and enforced by the Building Official or his or her designee. All work shall be subject to periodic inspections by the Building Official, or his or her designee. Upon completion of the work, the developer or owner shall notify the Building Official or his or her designee that all grading, drainage, erosion and sediment control measures and devices, vegetation and ground cover plantings and controls for other wastes have been completed in conformance with the approval, all attached plans, specifications, conditions, and other applicable provisions of the ordinance.

Control measures shall be in place prior to the pouring of any concrete for the project. A certificate of occupancy is contingent upon receiving final inspection and shall not be granted until final inspection and approval is granted by the Building Official and his/her designee.

If final inspection occurs in the winter months, and final approval is warranted at that time, the Building Official may issue a conditional final approval until such time as vegetation on the property is able to be established. When appropriate, the Building Official shall revisit his final inspection and approval to determine if the requirements remain satisfied and if so, shall grant the applicant a final approval. If the Building Official finds that conditions have changed, he shall notify the applicant in writing and the applicant shall correct the conditions in order to obtain a final approval.