

Application Number:

APPLICATION FOR SOIL EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION
and
LAND DISTURBANCE PERMIT

As of. 10/1/03

The enclosed soil erosion and sediment control plan and supporting information are submitted for certification pursuant to the Town of Canton Erosion and Sediment Control By-law. An application for certification of a soil erosion and sediment control plan shall include the items listed on the reverse side of this form.

Name of Project:		Project Location:	
Project Street Address:		Registry Book: Assessor's Map:	Page: Lot:
Project Owner(s) Name:			Phone #
Project Owner(s) Address:		City:	State: Zip:
Total Area of Project:	Total Area Disturbed (SF):	No. Houses or Units:	Fee: \$
Plans Prepared by:*			Phone #
Street Address:		City:	State: Zip:

- A Massachusetts Registered Professional Engineer must prepare engineering related items of the Soil Erosion and Sediment Control Plan

Supervisor Responsible During Construction:		
Phone Numbers: (Day)	(Night)	(Fax)

The Applicant hereby certifies that the erosion and sediment measures are designed in accordance with BMPs and "Guidelines for Soil and Water Conservation in Urbanizing Areas of Massachusetts." USDA Soil Conservation Service, 1977 and will be installed in accordance with those standards and the Plan approved by the Commission and agrees as follows:

1. To notify the Commission in writing at least 7 days in advance of any land disturbance activity. Failure to provide such notification may result in additional inspection fees.
2. To notify the Commission upon completion of the project and apply for a Certificate of Compliance.
3. To maintain a copy of the certified plan on the project site during construction.
4. To allow Commission's Agent to go upon project lands for inspections.
5. That any conveyance of this project or portion thereof prior to its completion will transfer full responsibility for compliance with the certified to any subsequent owners.
6. To comply with all terms and conditions of this application and certified plan including payment of all fees prescribed by the Commission.

The Applicant hereby acknowledges that structural measures contained in the Soil Erosion and Sediment Control Plan area reviewed for adequacy to reduce offsite soil erosion and sedimentation and not for accuracy of structural design. The Applicant shall retain full responsibility for any damages, which may result from any construction activity notwithstanding Commission certification of the subject soil erosion and sediment control plan. It is understood that the plan submitted with this application shall be valid only for the duration of the initial project approved by the Town and any changes approved by the Town may require re-certification by the Commission. In no case shall the permit extend beyond three years at which time resubmission and certification will be required.

Application Certification: Print name:	Date:
Signature:	

Soil Erosion & Sediment Control
Additional Plan Requirements
10/1/03

1. One complete set of plans, and eight (8) copies of plan entitled Soil Erosion & Sediment Control.
2. Soil Erosion & Sediment Control Title.
3. Stabilized Construction Entrance, delineated on the plan, with supportive detail & narrative indicating maintenance.
4. Dust Control. Methods of controlling dust and soil blowing must be included as part of the plan.
5. Temporary and Permanent Seeding specifications, including lime, fertilizer, seed, mulching material, types and rates of application.
6. Soil information and identification of site soil types.
7. Location of present and proposed drains and culverts with their discharge capacities, velocities, and supporting calculations
8. All areas subject to River Front Area regulations must be delineated on the plan. If not applicable, state fact on the plan.
9. Engineer's signature and seal.
10. Delineation of the limit of disturbance for construction activities, including any proposed off site disturbance.
11. Sequence of development, including the installation and maintenance of site specific erosion control practices, and the estimated duration of each activity for each phase of construction. Note that storm water basins must be constructed and stabilized during the early stages of development.
12. Sediment barriers with installation detail.
13. Inlet protection with installation detail.
14. Plan delineation and supporting documentation for all structural soil erosion methods including calculations, site-specific cross sections and profiles of each structure.
15. Permanent vegetative seeding specification must be site specific and appropriate to the intended usage. The Commission requires that the rate of application be a minimum of 4.0 pounds total seed per 1000 square feet, this is equivalent to a rate of 175 total pounds of seed per acre. If hydro seeding will be the method of application, the seed rate should be increased by 25%. Hydro seeded areas must still receive straw mulch .

16. A storm water drainage plan, with the areas delineated on the plan that correspond with the drainage calculations. Use arrows to indicate the direction of flow.

17. Submit a typical lot plan, noting grading, stone tire cleaning driveway, silt fence, drainage swales, soil stockpiles, and all other appropriate erosion control measures.

18. Plan delineation and supportive details of the following soil erosion structures and measures:

- Inlet protection
- Silt fence
- Construction entrance
- Diversions
- Conduit outlet protection
- Dewatering filters
- Slope protection struc.

19. If there are any off-site improvements being planned for this project, please specify the improvements and delineate the improvements on the soil erosion and sediment control plan.

20. Mulching specification: Hay or small grain straw applied at a rate of 70 to 90 lbs./1000 sq. ft. to be applied. Mulch shall be secured by approved methods, (liquid mulch binder, crimping, peg & twine).

21. For large projects, (soil disturbance in excess of 5 acres), thought and consideration for erosion control that would limit the overall amount of land disturbed concurrently.

22. For a residential or commercial development, after curbs and utilities are installed, either a 20' vegetative filter strip or curbside sediment barriers should be established. This feature should be detailed, delineated, and specified on the plan.

23. At a minimum, silt fence should be reinforced by means of either wooden snow fence with steel pickets or welded wire fence, minimum 14 gauge, with rectangular openings no larger than 6" x 6", supported by steel pickets.

24. Box and stone collar inlet protection should be utilized at all critical low points. Silt sacks may be used as an acceptable substitute.

25. A pre-developed topographic drainage area map, scale appropriate to the scope of the project, clearly showing flow paths, times of concentration, sub area analyses which contribute discharge to the point of interest, and identification of drainage areas with the corresponding calculations package.

26. A post developed topographic drainage area map, scale appropriate to the scope of the project. The schematic should clearly identify the cumulative sub areas connected to the basin or point(s) of site discharge. The identification and analysis must provide delineation of the flow paths, times of concentration, and amounts of pervious & impervious areas connected to the basin/point of discharge, as separate entities.

27. A Storm Water Management Plan shall be submitted, if necessary, and the plan shall comply as a minimum with the Storm Water Technical Handbook prepared by MADEP.

Soil Erosion & Sediment Control
Exemptions
As of 10/1/03

Types of Construction Projects not regulated under this By-Law

- Agricultural and Horticultural activities.
- An addition to an existing single-family dwelling.
- Construction of accessory structure for a single-family dwelling.
- Projects that disturb less than 10,000 square feet of land.

TOWN OF CANTON EROSION AND SEDIMENT CONTROL BY-LAW

FEES

Single Family Home Subdivisions

Single and Duplex Units on Single Lots

	<u>Certification Fee</u>	<u>Plus</u>	<u>Inspection/Enforcement Fee</u>
1 Lot	\$250.00		\$180.00 per Lot
2-3 Lots	\$300.00		\$125.00 per Lot
4-10 Lots	\$1000.00		“ “ “
11- 20 Lots	\$1500.00		“ “ “

Multi-family Units

Townhouses, condominiums, apartments, more than 2 units per building

	<u>Certification Fee</u>	<u>Plus</u>	<u>Inspection/Enforcement Fee</u>	
			Per unit	Per Building
1-10 Units	\$700.00		\$50.00	& \$300.00
11-23 Units	\$900.00		\$40.00	& \$300.00
24-40 Units	\$2000.00		\$25.00	& \$300.00
41 and over	\$2750.00		\$25.00	& \$200.00

Other Land Disturbances

Including but not limited to site plans, commercial, industrial, hotels, motels parking lots, life-care facilities nursing homes, parks, golf courses, roads, drainage, utilities, public construction, schools and land grading.

	<u>Certification Fee</u>	<u>Plus</u>	<u>Inspection/Enforcement Fee</u>
.2 - .5 Acre	\$550.00		\$400.00
.5 – 1 Acre	\$600.00		\$500.00
1 – 2 Acres	\$700.00		\$750.00
2 – 10 Acres	\$1,000.00		\$350.00 per Acre
11 and over	\$2500.00		\$140.00 per Acre

Effective: