

**STORMWATER & DE-WATERING
EROSION CONTROLS**
(WITH APPLICATION INFORMATION)

LOCATIONS OF DISCHARGE FROM THE SITE: **PROVIDE A SKETCH** on the next page of this form, of the location of Stormwater and De-watering Erosion Control measures to be used on the construction site.

- SITE SKETCH -

* * * * (STAFF USE ONLY) * * * *

DEVELOPMENT PERMIT No. _____ BUILDING PERMIT No. _____

PLAN APPROVED: _____ PLAN APPROVED WITH REVISIONS (SEE PLAN/COMMENTS): _____

PLAN REVIEWED BY: _____ DATE: _____

COMMENTS: _____

Notes:

- SILT FENCE MUST BE TRENCHED TO A DEPTH OF 8" BELOW THE GROUND SURFACE.
- CONTRACTOR SHALL CONTACT THE BUILDING DEPARTMENT TO REQUEST AN INSPECTION ONCE THE SILT FENCE (OR EROSION CONTROL) IS INSTALLED. (INSPECTION HOTLINE 239.472.8321)

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**TO DEVELOPMENT PERMIT APPLICANTS
REGARDING STORMWATER & DE-WATERING REGULATIONS
DURING SITE PREPARATION & CONSTRUCTION**

Provide the information requested on the Stormwater & De-Watering erosion controls construction site inspection report (form) and submit this form with the plan for stormwater and/or dewatering erosion control measures prepared for the construction site of the proposed development activity.

All construction sites are required to institute stormwater and dewatering erosion controls in compliance with performance standards for stormwater set forth in State Water Policy implemented through permitting and regulation by the South Florida Management District and the Florida Department of Environmental Protection.

As required by current National Pollution Discharge Elimination System Program, **stormwater and dewatering erosion control measures may need to be specified in the plans of any construction project within the City.**

For all projects disturbing an area that is greater than 1 acre:

- A copy of the permit from the Florida Department of Environmental Regulation must be submitted to the Planning Department prior to the issuance of a development permit.
- A Notice of Intent must be filed with the Florida Department of Environmental Protection and the Sanibel Building Department at least 48 hours prior to the start of construction.

For all projects, the City Manager may require that a Plan for Stormwater Pollution Prevention be submitted.

As part of the **Stormwater and DeWatering Erosion Control Program**, any development which is carried out within the city shall be subject to the following requirements:

SITE PREPARATION REQUIREMENTS:

- During development and construction, adequate protective measures shall be provided to minimize damage from surface water to the cut face of excavations or the sloping surfaces of fills, and to the extent possible, maintain all natural drainage patterns. **LDC 86-32. Protection of Natural Drainage Patterns.**
- Erosion and sediment control measures shall be coordinated with the sequence of grading, development, and construction operations. Control measures such as hydroseeding, berms, interceptor ditches, terraces, and sediment traps, shall be put into effect prior to the commencement of each increment of the development/construction process. Interceptor ditches and sediment traps shall be constructed at the minimum depth and width necessary to achieve their intended purpose, and shall be designed to prevent slumping and erosion and to allow revegetation of the banks. Excavation which results in the penetration of the aquiclude is prohibited. **LDC Sec 86-33. Erosion and Sediment Control Measures.**

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- Sediment basins (debris basins, desilting basins, or silt traps) shall be installed in conjunction with the initial grading operations and maintained through the development process to remove sediment from runoff waters draining from land undergoing development. The construction of sediment basins shall be a minimum depth and width necessary to achieve their intended purposes, and shall be designed to prevent slumping and erosion, and to allow revegetation of the banks. Excavation which results in the penetration of the aquiclude is prohibited. **LDC Sec. 86-34. Sediment Basins.**
- Development activities shall be designed to minimize the amount of fill used in preparation of the site. Soil and other materials shall not be temporarily, nor permanently, stored in locations which would result in unnecessary destruction of vegetation. Excess soil, or other material, including dredged spoil, to be disposed of off-site, shall be deposited at specific locations in a manner causing minimal environmental damage. **LDC Sec. 86-35. Use of Fill; Disposal of Excess Soil.**
- The removal vegetation shall be limited to the minimum necessary to carry out development activity, except as required by other provisions of the land development code (LDC). The removal of vegetation, by any means other than the use of hand-held tools, shall not occur prior to issuance of a development permit. **LDC Sec. 83-36. Removal of Vegetation.**
- The permanent vegetation shall be installed on the construction site as soon as utilities are in place and final grades are completed. This permanent vegetation must be cared for and maintained in a healthy condition. **LDC Sec. 86-37. Installation of Permanent Vegetation.**
- All on-site facilities shall be properly maintained by the owner so that they do not become nuisances. Nuisance conditions shall include but not be limited to:
 - Improper storage resulting in uncontrolled runoff and overflow;
 - Stagnant water in concomitant algae growth, insect breeding, and odors;
 - Discarded debris;
 - Unnecessary noise; and
 - Safety hazards created by the facility's operations. **LDC Sec. 86-38. Nuisance Conditions Prohibited.**
- Construction waste materials or construction byproducts shall be controlled on-site to prevent nuisance and shall be disposed of in the same manner as other solid waste.
- Every construction site shall be furnished with at least one approved trash container. Litter and debris from such construction shall be placed within such container. The construction site shall be regularly inspected and cleared of litter, so as to ensure that litter is not windblown or otherwise scattered onto other properties. **LDC Sec. 86-39. Control and Disposal of Construction Waste and Litter; Use of Trash Container.**
- Prior to any site preparation, the habitats of gopher tortoises, eastern indigo snakes, eagles, ospreys, loggerhead turtles, alligators, pileated woodpeckers, and river otters, shall be identified and located with provisions made (subject to city approval) to ensure habitat protection. Sea turtle nesting areas shall not be disturbed during site preparations.
- The design, location, construction, and maintenance of all development shall be in a manner that minimizes environmental damage. **LDC Sec. 86-40. Habitat Protection; Environmental Damage.**

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- The developer shall completely restore any environmentally sensitive area or wetland area damaged during construction. Complete restoration means that the damaged area shall, within two (2) years, be operating as effectively as the natural system did before being destroyed or altered.
- In designing the site for its ultimate end use, the site shall be graded in such a manner, and development and use shall take place in such a manner, so that there are no point discharges into coastal waters resulting from stormwater runoff and/or from wastewater effluent. **LDC 86-41. Restoration of Environmentally Sensitive Area or Wetland Damage During Construction.**

DEWATERING REQUIREMENTS

- Any sewer, waterline, or similar construction which required water table aquifer drawn-down (dewatering) by the utilization of cofferdams or well-point systems shall be regulated by the city manager in the interest of protecting the fresh waters of Sanibel Island against saline intrusion. Plans and approval of such construction, for pipe or lift station devices within the city, shall be approved by the city manager or his designated assistant. When such construction plans provide for implementation of dewatering practices, and by methods as outlined in this division, the contractor will be required among other things, to collect periodic water samples to be analyzed for chloride levels by a competent water quality laboratory. Salinity data thus logged shall be filed at city hall for appropriate future control or additional restrictive action by council. **LDC Sec. 70-47. Regulation of Construction Involving Dewatering.**