

**TOWN OF SMYRNA
STORM WATER MANAGEMENT PROGRAM
HOME SITE INSPECTION REQUIREMENTS
(Revised 1-23-07)**

The following permitting issues, sediment control measures, and construction site management responsibilities MUST be discussed with the developer and his/her contractors as often as necessary, but definitely at any pre-construction meeting between the developer/contractor and the Town of Smyrna, regardless of where in the construction site permitting and construction process this meeting occurs.

1. **STARTING JANUARY 1, 2007, CONTRACTORS OF ALL CONSTRUCTION SITES MUST MAKE CERTAIN THAT THE INSPECTIONS DENOTED IN LINE ITEM #15 ARE COMPLETED AND SIGNED/DATED BY AN INDIVIDUAL WHO HAS PASSED THE TDEC EROSION PREVENTION SEDIMENT CONTROL LEVEL I COURSE.**
2. Ensure that if either floodplain or bank of a stream, lake, or river or a sinkhole/open fracture is to be impacted by the land disturbance operation the proper FEMA and TDEC offices, Division of Water Pollution Control, Natural Resources Section, in the person of Dan Eagar (532-0708), and Division of Water Supply, Ground Water Management Section, in the person of Scotty Sorrells (532-9224), respectively, have been contacted and the proper permits and letters, if necessary, have been acquired prior to the pre-construction meeting with the Town of Smyrna.
3. Land disturbance of only the land that needs to be cleared and grubbed, keeping buffer zones adjacent to streams, lakes, or rivers free from unnecessary land disturbances.
4. Proper sinkhole/open fracture remediation work.
5. ***All sinkholes and open fractures that are not to be remediated according to TDEC's direction must be protected from sediment-laden runoff with the appropriate sediment control measures.***
6. Proper silt fence and/or straw bale and check dam installation, which also applies later to the builder on each lot during and after construction.
7. Ensure that all fill activity, including base, rip-rap, and final cover is at least one foot away from (upslope of) any sediment control measure, i.e. silt fence, straw bale, or check dam, ensuring that any damages to these measures are immediately corrected and all sediment control measures are regularly checked, particularly following every storm event for competence.
8. Proper construction of graveled entry/exits during and after construction. This means that 2" to 3-1/2" rock must be used to construct a pad, measuring at least 6" thick, 50'-100' long, and wide enough for construction vehicle traffic. The rock size and thickness also applies to driveways for the home builder on each and every lot. ***This rock MUST be replenished as it wears down to maintain its effectiveness. Installation of geotextile fabric underneath this rock is advisable. Separate entry/exits for pickup trucks ONLY are acceptable and can be constructed of smaller rock.***
9. Once streets and storm drains are in place, ensure that no sediment collects anywhere on the street, especially in close proximity to any storm drain, ***removing any sediment as soon as possible, particularly before any storm event.***
10. ***Ensure that no sediment reaches storm drains by placing stakeless silt fence fabric either above or below the grate, making certain the horizontal elongated openings between the ribs and the larger vertical opening behind the grate are completely covered. Other types of sediment control devices are acceptable so long as they are properly installed and maintained.***
11. ***Properly maintain the storm drain protection fabric by keeping it free of excessive sediment and replacing it if rips or severe sags develop. Keep sediment, debris, and water from building up behind other devices. Failure to maintain such erosion control measures can lead to deep water on the street during and after storm events possibly causing damage to vehicles, homes, as well as the integrity of the road base.***
12. ***Cement mixer washout areas need to be in the plans in close proximity to the entry/exit to prevent concrete from reaching the storm drains.***
13. ***Seed and straw all disturbed land when construction is not imminent.***
14. Ensure that no chemicals or fluids, particularly those used by land disturbance equipment, i.e. motor oil, brake, transmission, and hydraulic fluid, coolant, or any other harmful substance, is ever accidentally or intentionally spilled on the ground, graveled entry/exit, or road surface. Any spills must be immediately removed. Proper storage of these substances during construction and removal from site upon completion is required.
15. ***Please remember that you MUST have Town of Smyrna approved plans onsite at all times and that you MUST perform sediment control measure inspections every 72 hours and before and after every storm event. Inspection forms MUST be completed for every inspection and kept onsite.***
16. **STARTING JANUARY 1, 2007, CONTRACTORS OF ALL CONSTRUCTION SITES MUST MAKE CERTAIN THAT THE INSPECTIONS DENOTED IN PREVIOUS LINE ITEM #15 ARE COMPLETED AND SIGNED/DATED BY AN INDIVIDUAL WHO HAS PASSED THE TDEC EROSION PREVENTION SEDIMENT CONTROL LEVEL I COURSE.**