

DID YOU KNOW?

FEDERAL, PROVINCIAL
AND MUNICIPAL
LAWS REQUIRE THE
CONTROL OF CONSTRUCTION
SITE RUNOFF

EROSION AND SEDIMENT CONTROL
PLANS ARE AN **INTEGRAL PART**
OF SITE DEVELOPMENT AND
CONSTRUCTION SITES

SANITARY SEWERS ARE
NOT BUILT TO HANDLE
RAINWATER FROM CONSTRUCTION
SITES AND BASEMENTS

WATER FROM SUMP PUMPS GOES
DIRECTLY TO STREAMS,
RIVERS AND LAKES - RECEIVING
NO TREATMENT

WASH WATER FOR LATEX PAINT OR
CONCRETE SHOULD **NEVER GO TO**
THE STORM SEWER SYSTEM

STEPS TO SUCCESSFUL EROSION AND SEDIMENT CONTROL

1. Establish an Erosion Sediment Control Plan (ESCP)
2. Implement and install controls in accordance with your approved ESCP
3. Monitor and maintain controls throughout construction and address any problems that appear
4. Adjust controls based on what is and isn't working

If a lot of sediment is leaving the site, discuss with a Professional Engineer or the Site Superintendent

RECOMMENDED CONTROL MEASURES

- Sediment Control Fence
- Gravel or Stone Filter Berms
- Drainage Swale
- Straw Bale Filter Barriers.
- Check Dams
- Sediment Dissipation Pool
- Filter Cloth over catch basins



FROM DRAIN TO DRINKING WATER

NEW CONSTRUCTION SITE MANAGEMENT



BEST PRACTICES FOR
DRAINAGE, SEDIMENT
AND EROSION CONTROL
DURING CONSTRUCTION

SEDIMENT AND EROSION CONTROL MEASURES

Sediment and erosion control measures should be used on all construction sites to limit the effects of construction on the surrounding areas and infrastructure.

The extent and durability of the required measures is determined by the sensitivity of the area that is to be protected.

MANAGING CONSTRUCTION WASH WATER

SANITARY DRAIN CONNECTIONS

- Do not connect Private Drain Connections (PDCs) to the sanitary sewer to drain empty basements or ground water, even temporarily
- Cap the trunk sewer outlet of a subdivision or site plan until there are occupied houses
- Cap PDCs on all individual buildings until the building or home is occupied

VEHICLES

- Change oil and antifreeze off-site
- Provide temporary gravel base on-site
- Wash vehicles off-site at a car wash or establish a designated wash area

Characteristics of a designated wash area:

- Well-defined boundaries
- Large enough to park and wash the largest vehicle
- Posted with a sign that forbids washing with solvents
- Does not permit changing oil and indicates the nearest oil recycling facility
- Paved and drained to an oil/water separator
- Connected to the sanitary sewer

CHEMICALS

- Use phosphate-free and/or biodegradable washing detergents and chemicals
- Minimize the quantity used
- When practical, collect wash water for reuse or discharge to a sanitary sewer
- Educate equipment operators on methods to report and contain spills

CATCH BASINS

- Do not wash spilled material into catch basins or storm drains
- Where land is being cleared, protect catch basins by covering the inlet with filter fabric
- Properly maintain oil/water separators
- Sweep paved outdoor surfaces rather than spraying with water
- Pick up and properly dispose of sweepings

THE DON'TS



**X CHEMICALS/
SOLVENT**



X OIL



X SPILLED MATERIALS



X ANTIFREEZE



X SEDIMENT

Catch basin, showing filter cloth control measure.

