

To be considered complete, standard environmental notes may be required on the contract drawings, particularly where there will be in- or near- water works.

All notes related to erosion and sediment controls should meet the standards set forth in the *Erosion and Sediment Control Guidelines for Urban Construction* – December 2006. Details are available on the Sustainable Technologies website at www.sustainabletechnologies.ca.

For simple projects, the notes should be included on each applicable drawing. For more complex projects, the notes should be submitted as one page of the contract drawings and then referenced, by number, on each applicable drawing. The following wording is generally accepted by TRCA.

Section 1: Site Management	
#	Standard Notes
1	"Erosion and Sediment Control (ESC) measures will be implemented prior to, and maintained during the construction phases, to prevent entry of sediment into the water. All damaged erosion and sediment control measures should be repaired and/or replaced within 48 hours of the inspection."
2	"disturbed areas will be minimized to the extent possible, and temporarily or permanently stabilized or restored as the work progresses."
3	"All in-water and near water works will be conducted in the dry with appropriate erosion and sediment controls."
4	"The erosion and sediment control strategies outlined on the plans are not static and may need to be upgraded/amended as site conditions change to minimize sediment laden runoff from leaving the work areas. If the prescribed measures on the plans are not effective in preventing the release of a deleterious substance, including sediment, then alternative measures must be implemented immediately to minimize potential ecological impacts. TRCA Enforcement Officer should be immediately contacted. Additional ESC measures to be kept on site and used as necessary."
5	"An Environmental Monitor will attend the site to inspect all new controls, as well as on a regular basis, or following rain/snowmelt event, to monitor all works, and in particular works related to erosion and sediment controls, dewatering or unwatering, restoration and in- or near- water works. Should concerns arise on site the Environmental Monitor will contact the TRCA Enforcement Officer as well as the proponent."
6	"All activities, including maintenance procedures, will be controlled to prevent the entry of petroleum products, debris, rubble, concrete or other deleterious substances into the water. Vehicular refueling and maintenance will be conducted a minimum of 30 metres from the water."
7	"All grades within the Regulatory Flood Plain will be maintained or matched."
8	"The proponent/contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Storm Flood Plain that would have the potential to cause a spill or an obstruction to flow, e.g., fuel tanks, porta-potties, machinery, equipment, construction materials, etc."
9	"All dewatering/unwatering shall be treated and released to the environment at least 30 metres from a watercourse or wetland and allowed to drain through a well-vegetated area. No dewatering effluent shall be sent directly to any watercourse, wetland or forest, or allowed to drain onto disturbed soils within the work area. These control measures shall be monitored for effectiveness and maintained or revised to meet the objective of preventing the release of sediment laden water."
10	"All access to the work site shall be from either side of the watercourse. No equipment or vehicles are permitted to cross through the watercourse unless approved by TRCA."
Section 2: Construction Timing	
11	"In order to comply with the <i>Migratory Birds Convection Act</i> , TRCA recommends that tree removals be completed between August 1 and April 1."

12	"To protect local fish populations during their spawning, nursery and migratory periods, <u>in-water/near-water activities, may only occur</u> during the following time period [TRCA TO CONFIRM TIMING WINDOW DURING REVIEW OF FIRST SUBMISSION].
Section 3: Fish and Wildlife Relocation	
13	"Fish and wildlife stranded within the work area shall be captured and released live in suitable habitat upstream of the work area under the supervision of a qualified aquatic biologist. A permit from the Ministry of Natural Resources is required."
Section 4: Environmental Compliance	
14	"Please notify TRCA Enforcement Officer (xxx at 416.xxx cell) and TRCA Project Manager (xxx at 416.661.6600 x xxx) 48 hours prior to commencing construction."
15	"An Environmental Monitor will be on site, and provide advice, to ensure that activities that could have a negative impact to the natural environment are effectively mitigated as construction proceeds. The Environmental Monitor shall notify the TRCA Enforcement Officer and Project Manager if an issue arises."