

# Permission for Routine Infrastructure Works Letter of Approval Qualification Criteria

## INTERIM PROTOCOL

Authority Meeting #10/07, Res. #A293/07, January 4, 2008

1. The works outlined in Table 1 must classify as Schedule A under the Municipal Class Environmental Assessment, or equivalent, to qualify for Permission for Routine Infrastructure Works.
2. Any works that require Authorization under the *Fisheries Act* do not qualify for Permission for Routine Infrastructure Works.
3. TRCA staff will confirm if the proposed works meet the evaluation criteria and basic design requirements.
4. Permission for works outlined in Table 1 is subject to TRCA staff review and approval. Permission for Routine Infrastructure Works constitutes an approval under Ontario Regulation 166/06.
5. Permission for works outlined in Table 1 is subject to the proposed works not affecting the control of flooding, erosion, dynamic beaches, pollution or the conservation of land.
6. Fee to be paid at the time of submitting an application to the TRCA. No Permission for Routine Infrastructure Works will be issued without prior payment.
7. TRCA reserves the right to request additional technical studies (e.g. geotechnical, ecological).
8. Erosion and sediment control plans and reports shall be prepared in accordance with "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.
9. TRCA reserves the right to require the proposed works to be processed through a regular permit application under Ontario Regulation 166/06.
10. TRCA reserves the right to require that the proposed works be processed through a regular permit application after Permission for Routine Infrastructure Works is granted, should the proposal change during construction.
11. This protocol and fee structure is subject to change as a result of further review and assessment.

Development Type	Evaluation Criteria and Basic Design Requirements	Fee
<b>Road/ Pathway Resurfacing or Reconstruction</b>	<ol style="list-style-type: none"> <li>1. The works will not include any resurfacing or hardening beyond the existing road/pathway limits, shoulders or driveways. Resurfacing may also include the addition or replacement of traffic control devices (e.g. signing, signalization) or safety projects (e.g. lighting, grooving, glare screens).</li> <li>2. If any works are proposed within 30 metres of a watercourse, PSW or ORM wetland, or 15 metres from any other wetland, see criteria <i>for Structure Maintenance</i>.</li> <li>3. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>4. Appropriate erosion and sediment controls will be implemented along the limit of the work area and on any catch basins or drainage features to protect any adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>5. Any fill, grading or alterations will match existing conditions, and will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters.</li> <li>6. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol>	\$300/\$600 with site visit or technical review

Development Type	Evaluation Criteria and Basic Design Requirements	Fee
<b>Structure Maintenance</b> (e.g. bridges, retaining walls)	<ol style="list-style-type: none"> <li>1. No widening or other structural encroachment beyond the existing structure footprint will be required.</li> <li>2. No in-water works will be required.</li> <li>3. Appropriate debris controls will be implemented to isolate the works from any watercourses or other natural features.</li> <li>4. Works will be limited to concrete patching or other routine maintenance.</li> <li>5. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>6. Appropriate erosion and sediment controls will be implemented along the limit of the work area and on any catch basins or drainage features to protect any adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>7. Any fill, grading or alterations will match existing conditions, and will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters.</li> <li>8. All disturbed areas will be stabilized and restored upon completion of the works.</li> <li>9. The works will comply with the Fisheries and Oceans Canada Ontario Operational Statement for Bridge Maintenance, if applicable.</li> </ol>	\$300/\$600 with site visit or technical review

Development Type	Evaluation Criteria and Basic Design Requirements	Fee
<b>Sewer, Watermain or Utility Installation or Maintenance Within an Existing Roadway</b>	<ol style="list-style-type: none"> <li>1. Construction will be limited to existing roadways, shoulders or boulevards.</li> <li>2. If a watercourse crossing associated with an existing structure (e.g. attached to an existing bridge) is required, see criteria <i>Structure Maintenance</i>.</li> <li>3. If a trenchless watercourse crossing will be required, see <i>Sewer, Watermain or Utility Watercourse Crossing</i>.</li> <li>4. A geotechnical/hydrogeological investigation has confirmed that there will be no dewatering requirements to control groundwater levels or other groundwater conflicts.</li> <li>5. Any maintenance pumping of excavated areas (e.g. unwatering) will be directed a minimum of 30 metres away from any watercourses or other natural features, and will be discharged to a vegetated area or through other appropriate erosion and sediment controls.</li> <li>6. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>7. Appropriate erosion and sediment controls will be implemented along the limit of the work area to protect any adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>8. Any fill, grading or alterations will match existing conditions, and will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters.</li> <li>9. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol>	\$300/\$600 with site visit or technical review

Development Type	Evaluation Criteria and Basic Design Requirements	Fee
<b>Sewer, Watermain or Utility Watercourse Crossing by Trenchless Technology</b>	<ol style="list-style-type: none"> <li>1. The crossing will be constructed using horizontal directional drilling, punch and bore, or another trenchless construction method.</li> <li>2. A geotechnical/hydrogeological investigation has confirmed that there will be no dewatering requirements and no significant risk of other groundwater or geotechnical difficulties.</li> <li>3. The obvert of the infrastructure, including grouting and casing, will be located a minimum of 2 metres below the watercourse.</li> <li>4. Working pits will be located within existing roadways, shoulders or boulevards, a minimum of 10 metres from the watercourse.</li> <li>5. Any maintenance pumping of excavated areas (e.g. unwatering) will be directed a minimum of 30 metres away from any watercourses or other natural features, and will be discharged to a vegetated area or through other appropriate erosion and sediment controls.</li> <li>6. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>7. Appropriate erosion and sediment controls will be implemented along the limit of the work area to protect any adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>8. Any fill, grading or alterations will match existing conditions, and will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters.</li> <li>9. All disturbed areas will be stabilized and restored upon completion of the works.</li> <li>10. The works will comply with the Fisheries and Oceans Canada Ontario Operational Statements for Punch and Bore Crossing or High-Pressure Directional Drilling, if applicable.</li> </ol> <p><b>NOTE: In the event of a frac-out or other complications during construction, revised construction plans may be required for separate approval under the regular permit application process, including restoration plans.</b></p>	\$300/\$600 with site visit or technical review

Development Type	Evaluation Criteria and Basic Design Requirements	Fee
<b>Off-line Stormwater Management Pond Maintenance</b> (e.g. sediment removal from an existing stormwater management facility)	<ol style="list-style-type: none"> <li>1. The pond will be restored to original design conditions.</li> <li>2. A sediment and water management plan will be required to appropriately address water removal and dredged spoils. Containment of wet, dredge material requires special consideration. Pumped water will need to be filtered and redirected prior to discharge.</li> <li>3. Any dredged material will be disposed of outside the Regulation Limit. Temporary storage, if required, will be located outside of the regulatory flood plain.</li> <li>4. Construction / maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>5. Appropriate erosion and sediment controls will be implemented along the limit of the work area and on any outlet structures to protect any adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>6. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol>	\$300/\$600 with site visit or technical review
<b>Drainage Structure General Maintenance</b> (e.g. ditch cleaning, culvert relining)	<ol style="list-style-type: none"> <li>1. If works consist of the removal of in-stream blockages due to debris from urban debris/garbage , fallen or eroded trees/branches, or other natural woody material, see the <i>TRCA Debris Jam Clearance Protocol (September 2007)</i> in the <i>Planning &amp; Development Procedural Manual</i>.</li> <li>2. Works will take place in the dry (e.g. works will be timed to avoid periods of flow, storm events), where possible.</li> <li>3. Any dredged material will be disposed of outside the Regulation Limit. Temporary storage, if required, will be located outside of the regulatory flood plain.</li> <li>4. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Less than 5 trees, 10 shrubs, or an equivalent amount of vegetation will be removed.</li> <li>5. Appropriate erosion and sediment controls will be implemented along the limit of the work area to protect any connecting or adjacent watercourses or other natural features. All controls will be monitored and maintained until the site has been stabilized and restored. Please refer to "The Erosion and Sediment Control Guideline for Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>6. Any fill, grading or alterations will match existing conditions, and will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters.</li> <li>7. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol>	\$300/\$600 with site visit or technical review