

**INTERIM PROTOCOL**

1. Fees for Permission for Routine Infrastructure Works are \$300, or \$600 with site visit or technical review to be confirmed by the TRCA Project Manager based on the level of review required. This is determined by TRCA during the screening of the application.
2. The works outlined in Table 1 must classify as Schedule A or A+ under the Municipal Class Environmental Assessment, or equivalent, to qualify for Permission for Routine Infrastructure Works.
3. Any works that require Authorization from Fisheries and Oceans Canada (DFO) under the Fisheries Act do not qualify for Permission for Routine Infrastructure Works.
4. TRCA staff will confirm if the proposed works meet the evaluation criteria and basic design requirements.
5. 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.
6. Permission for works outlined in Table 1 is subject to the proposed works no implications to the control of flooding, erosion, dynamic beaches, pollution or the conservation of land.
7. Fee to be paid at the time of submitting an application to the TRCA. No Permission for Routine Infrastructure Works will be issued without payment.
8. TRCA staff reserves the right to request additional technical studies (e.g. geotechnical, ecological).
9. Erosion and sediment control plans and reports shall be prepared in accordance with "The Erosion and Sediment Control Guideline for Urban Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.
10. TRCA staff reserves the right to require the proposed works be processed through a regular permit application under Ontario Regulation 166/06.
11. TRCA staff 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.
12. This protocol and fee structure is subject to change as a result of further review and assessment.
13. All works/access on TRCA property may require archaeological investigations, temporary/permanent easements, or permission to enter, subject to screening by TRCA staff.

| Development Type                                      | Evaluation Criteria and Basic Design Requirements  |
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| Road / Pathway Resurfacing or Reconstruction          | <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.</li> <li>3. No in-water works will be required.</li> <li>4. Appropriate debris controls will be implemented to isolate the works from any watercourses or other natural features</li> <li>5. Construction / maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</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 Urban Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>7. Any fill, grading or alterations will have no adverse impacts to erosion, pollution, or the storage or conveyance of flood waters, as approved by TRCA Water Resources Analyst.</li> <li>8. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol> |
| Structure Maintenance (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. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</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, as approved by TRCA Water Resources Analyst..</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 (DFO) Ontario Operational Statement for Bridge Maintenance, if applicable.</li> </ol>  |

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| <p>Sewer,<br/>Watermain or<br/>Utility<br/>Installation or<br/>Maintenance<br/>Within an<br/>Existing<br/>Roadway<br/>(ie relining etc)</p> | <ol style="list-style-type: none"> <li>1. Construction will be limited to existing Municipal Road Right of Ways or existing Utility Right of Way or existing Utility Corridor, any approved connections as long as they meet the criteria of the RIW.</li> <li>2. If a watercourse crossing associated with an existing structure (e.g. attached to an existing bridge) is required, see criteria Structure Maintenance.</li> <li>3. Where required by TRCA, a geotechnical/hydrogeological investigation has confirmed that there will be no dewatering requirements and no significant risk of other groundwater conflicts or geotechnical difficulties, this information must be provided to TRCA for review and approval.</li> <li>4. 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>5. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</li> <li>6. 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 Urban 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, as approved by TRCA Water Resources Analyst...</li> <li>8. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol> |
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| <p>Sewer,<br/>Watermain or<br/>Utility<br/>Watercourse<br/>Crossing by<br/>Trenchless<br/>Technology</p> | <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. Where required by TRCA, a geotechnical/hydrogeological investigation has confirmed that there will be no dewatering requirements and no significant risk of other groundwater conflicts or geotechnical difficulties, this information must be provided to TRCA for review and approval.</li> <li>3. The obvert of the infrastructure, including grouting and casing, will be located a minimum of 2 metres below the invert of the watercourse.</li> <li>4. Working pits will be located within existing roadways, shoulders, boulevards, or Right of Ways (ROW) 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. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</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 Urban 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> <li>11. To be considered only where there is considered to be a low risk of frac-out, as determined by TRCA staff. Contingency details/plans may be required.</li> </ol> <p>NOTE: In the event of a frac-out or other complications during construction, revised construction, revised construction plans may be required for separate approval under the regular permit application process, including restoration plans.</p> |
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| <p>Offline Stormwater Management Pond Maintenance (e.g. sediment removal from an existing stormwater management facility)</p> | <ol style="list-style-type: none"> <li>1. The pond will be restored to functioning order as per design specifications.</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, the proposed treatment of this material should be outlined for TRCA review. 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, and isolated by appropriate sediment and erosion controls.</li> <li>4. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</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 Urban 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>  |
| <p>Drainage Structure General Maintenance (e.g. ditch cleaning, culvert relining)</p>   | <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 TRCA Debris Jam Clearance Protocol (September 2007) in the Planning &amp; Development Procedural Manual.</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, and isolated by appropriate sediment and erosion controls.</li> <li>4. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist.</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 Urban 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, as approved by TRCA Water Resources Analyst..</li> <li>7. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol> |

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| Borehole Investigations              | <ol style="list-style-type: none"> <li>1. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist</li> <li>2. 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 Urban Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> <li>3. All disturbed areas will be stabilized and restored upon completion of the works.</li> </ol>                                  |
| Utility Poles (Hydro, lighting, etc) | <ol style="list-style-type: none"> <li>1. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands, valley slopes, or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist</li> <li>2. The proposal will not have any impacts to the storage or conveyance of flood waters, as approved by TRCA Water Resources Analyst.</li> <li>3. 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 Urban Construction", December 2006, prepared by the Greater Golden Horseshoe Area Conservation Authorities.</li> </ol> |
| Fences                               | <ol style="list-style-type: none"> <li>1. Construction/maintenance activities, including access, will not negatively impact any watercourses, wetlands or other natural features. Vegetation removals and restoration plans must be provided and approved by TRCA Ecologist</li> <li>2. The proposal will not have any impacts to the storage or conveyance of flood waters, as approved by TRCA Water Resources Analyst.</li> <li>3. 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> </ol>                       |