

# Amended MCEA Appendix 1 – Project Schedules

## Water/Wastewater

New Project Descriptions	Replace Existing Project Descriptions	Notes
<p><b>Schedule A</b></p>		
<p>New1 All operational and maintenance activities associated with water, wastewater, shoreline and in-water infrastructure</p>	<p>WW1A. Normal or emergency operational activities (see Glossary definition for Operation). Such activities may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• modify, repair, reconstruct existing facilities to provide operational, maintenance or other improvements such as reducing odour, insulating buildings to reduce noise levels and conserve energy, landscaping</li> <li>• on-going maintenance activities</li> <li>• normal operation of sewage treatment plants</li> <li>• installation of new service connections, catch basins and appurtenances from existing sewers</li> <li>• maintenance and/or minor improvements to grounds and structures</li> <li>• addition of minor buildings, sheds and equipment and materials storage areas</li> <li>• repairs, cleaning, renovations or replacement of sewage treatment facilities, pumping plant equipment or outfalls</li> <li>• cleaning, relining, repairs and renovations to existing sewage collection system</li> <li>• installation or replacement of standby power equipment where new equipment is located within an existing building or structure.</li> </ul>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities. Existing clauses do not include shoreline and in-water work. No projects shift.</p>

	<p>W1A Normal or emergency operational activities (see Glossary definition of “Operation”). Such activities may include but are not limited to the following:</p> <ul style="list-style-type: none"> <li>• modify, repair, reconstruct existing facilities to provide operational maintenance or other improvements such as reducing odour, insulating of buildings to reduce noise levels and conserve energy, landscaping</li> <li>• on-going maintenance activities</li> <li>• normal operation of water treatment plants</li> <li>• install new service connections, hydrants and appurtenances from existing water mains</li> <li>• maintenance and/or minor improvements to grounds and structures</li> <li>• addition of minor buildings, sheds and equipment and materials storage areas</li> <li>• repairs or cleaning of a well or intake</li> <li>• repairs and renovations to treatments and pumping plant equipment, water storage facilities, distribution mains and appurtenances</li> <li>• installation of corrosion protection systems</li> <li>• replacement of standby power equipment where new equipment is located within an existing building or structure</li> <li>• cleaning and/or relining existing watermains.</li> </ul>	
<p>New2 All construction, rehabilitation or alteration to water system or wastewater system (excluding treatment facilities) which are required as a specific condition of a Planning Act</p>	<p>WW15A Sewage projects planned and approved under Ontario Regulation 586/06 (see Section A.2.10.4 of Municipal Class EA).</p> <p>WW16A Construction of stormwater management facilities</p>	<p>Planning Act or reg 586/06 approvals cover public consultation.</p> <p>Low Impact Design stormwater features are not specifically</p>

<p>approval or authorize by reg 586/06 and where the technical merits are assessed and approved by another process (ECA)</p>	<p>which are required as a condition of approval on a consent, site plan, plan of subdivision or condominium which will come into effect under the Planning Act prior to the construction of the facility.</p> <p>WW10A Establish, extend, or enlarge a sewage collection system and all necessary works to connect the system to an existing sewage outlet, where it is required as a condition of approval on a site plan, consent plan of subdivision or plan of condominium which will come into effect under the Planning Act prior to the construction of the collection system.</p> <p>W6A Establish, extend or enlarge water distribution system and all necessary works to connect the system to an existing system, where it is required as a condition of approval on a site plan, consent, plan of subdivision or plan of condominium which will come into effect under the Planning Act prior to the construction of the extension of the collection system.</p> <p>W9A Projects planned and approved under Ontario Regulation 586/06 (see Section A.2.10.4 of the Municipal Class EA).</p>	<p>addressed in the current schedules. These features should be covered in this category when included in a subdivision. No projects shift.</p>
<p>New3 All operational and maintenance activities associated with water and wastewater treatment facilities</p>	<p>WW7A Dispose of, utilize, or manage biosolids on an interim basis (e.g. further treatment in drying beds, composting, temporary holding at transfer stations), at:</p> <ul style="list-style-type: none"> <li>a) An existing sewage treatment plant where the biosolids is generated, or</li> <li>b) An existing landfill site, incinerator or organic soil</li> </ul>	<p>The existing clauses do not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities. No projects shift.</p>

	<p>conditioning site, where the biosolids is to be utilized or disposed of.</p> <p>W11A Installation or replacement of standby power equipment located in a new building or structure.</p> <p>W3A+ Installation of new standby power equipment to an existing building or structure</p> <p>WW4A+ Installation or replacement of standby power equipment where new equipment is located in an existing building or structure.</p>	<p>Standby power is now exempt.</p>
<p><b>Schedule A+</b></p>		
<p>New3 All construction, rehabilitation or alteration to water system or wastewater system infrastructure (including retirement but excluding treatment facilities) in an existing road allowance or a utility corridor or located on the proponent's property where the technical merits are assessed and approved by another process (ECA)</p>	<p>WW2A Increase pumping station capacity by adding or replacing equipment where new equipment is located within an existing building or structure and where the existing rated capacity is not exceeded.</p> <p>WW16A Roadside ditches, culverts and other such incidental stormwater works constructed solely for the purpose of servicing municipal road works</p> <p>W2A Increasing pumping station capacity by adding or replacing equipment where new equipment is located within an existing building or structure;</p> <p>W3A Install chemical or other process equipment, provide additional treatment facilities such as filtration, for operational or maintenance purposes, in existing treatment plants or in existing pumping stations.</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities.</p> <p>Low Impact Design stormwater features are not specifically addressed in the current schedules. These features should be covered in this category when their installation is not part of a planning application.</p> <p>Six projects shift from A to A+ and five shift from B to A+</p>

	<p>W4A Install new or replacement wells or deepen existing wells or increase pumping capacity of existing wells, at an existing municipal well site, where the existing rated yield will not be exceeded.</p> <p>W8A Replace/expand existing water storage facilities provided all such facilities are in either an existing road allowance or an existing utility corridor or where no land acquisition is required.</p> <p>WW1A+ Establish, extend, or enlarge a sewage collection system and all necessary works to connect the system to an existing sewage or natural drainage outlet, provided all such facilities are in either an existing road allowance or an existing utility corridor, including the use of Trenchless Technology for water crossings.</p> <p>WW2A+ Retire a facility which would have been planned under Schedule A or Schedule A+ of the Municipal Class EA for its establishment (see Glossary definition of Retirement).</p> <p>WW3A+ Increase pumping station capacity by adding or replacing equipment and appurtenances, where new equipment is located in an existing building or structure and where its existing rated capacity is exceeded</p> <p>WW6A+ Retire a facility which would have been subject to either Schedule B or C of the Municipal Class EA for its establishment (see Glossary definition of Retirement).</p> <p>W1A+ Establish, extend or enlarge a water distribution system and all works necessary to connect the system to an existing</p>	
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	<p>system or water source, provided all such facilities are in either an existing road allowance or an existing utility corridor, including the use of Trenchless Technology for water crossings.</p> <p>W2A+ Retire a water facility which would have been planned under Schedule A or Schedule A+ of the Municipal Class EA for its establishment (See Glossary definition of Retirement).</p> <p>W5A+ Retire a water facility which would have been planned under Schedule B or C of the Municipal Class EA for its establishment (See Glossary definition of Retirement).</p> <p>WW7B Construct new pumping station or increase pumping station capacity by adding or replacing equipment and appurtenances, where new equipment is located in a new building or structure.</p> <p>W4B Increase pumping station capacity by adding or replacing equipment and appurtenances where new equipment is located in a new building or structure</p> <p>W6B Establish new or expand/replace existing water storage facilities</p> <p>WW14B Replacement of a Water crossing by sewage facility.</p> <p>W9B Water crossing by a new or replacement water facility except for the use of Trenchless Technology for water crossings.</p>	<p>Pumping Stations and water storage facilities are normal features in a community. The public will be consulted with the A+ process. The technical merits will be covered with the ECA.</p> <p>Replacing a water crossing will only involve short term disruption. The public will be consulted with the A+ process. The technical issues will be covered by the ECA and shoreline approvals. As a comparison, a dam can be replaced as a schedule A project.</p>
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<p>New4 Establish, rehabilitate and operate all water and wastewater related facilities located outside a road allowance provided project conforms to Planning Act requirements and with municipal and other requirements</p>	<p>WW14A Expand, improve or modify existing patrol yards, equipment and material storage facilities, maintenance facilities and parking lots for service vehicles, where no land acquisition is required.</p> <p>WW19A Expansion, improvement or modification to existing patrol yard equipment or material storage facilities and maintenance facilities where land acquisition is required provided project conforms to Planning Act requirements and with municipal and other requirements.</p> <p>WW20A New service facilities (e.g. patrol yards, storage and maintenance facilities, parking lots for service vehicles) provided project conforms to Planning Act requirements and with municipal and other requirements</p> <p>W7A Expand, improve, or modify existing patrol yards, equipment or material storage facilities, maintenance facilities and parking lots for service vehicles, where no land acquisition is required.</p> <p>W12A Expansion, improvement or modification to existing patrol yard equipment or material storage facilities and maintenance facilities where land acquisition is required provided project conforms to Planning Act requirements and with municipal and other requirements.</p> <p>W13A New service facilities (e.g. patrol yards, storage and maintenance facilities, parking lots for service vehicles) provided project conforms to Planning Act requirements and</p>	<p>Planning Act approvals will cover the A+ notice requirements. Consistent with Roads Schedule.</p> <p>Six projects shift from A to A+ and four shift from B to A+</p>
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	<p>with municipal and other requirements</p> <p>WW10B Expand, improve or modify existing patrol yards, equipment or material storage facilities and maintenance facilities where additional land acquisition is required.</p> <p>WW12B New service facilities (e.g. patrol yards, storage and maintenance facilities, parking lots for service vehicles).</p> <p>W5B Expansions, improvements and modifications to existing patrol yards, equipment or materials storage facilities, and maintenance facilities where land acquisition is required.</p> <p>W7B New service facilities (e.g. patrol yards, storage and maintenance facilities, parking lots for service vehicles).</p>	
<p>New5 All construction, rehabilitation or alteration to water treatment and sanitary wastewater treatment infrastructure where the technical merits are assessed and approved by another process, the work is contained within the proponent's property and there is only a minor (&lt;50%) increase to the rated capacity</p>	<p>WW3A Expand / refurbish / upgrade sewage treatment plant including outfall up to existing rated capacity where no land acquisition is required.</p> <p>WW4A Install chemical or other process equipment for operational or maintenance purposes in existing sewage collection system or existing sewage treatment facility.</p> <p>WW5A Provide additional treatment facilities in existing lagoons, such as aeration, chemical addition, post treatment, including expanding lagoon capacity up to existing rated capacity, provided no land acquisition nor additional lagoon cells are required.</p> <p>WW6A Expansion of the buffer zone between a lagoon facility or land treatment area and adjacent uses where the buffer</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities.</p> <p>ECA process and other approvals will ensure technical merits</p> <p>Minor increases to capacity do not warrant a formal evaluation of alternatives as the selected alternative will always be to expand the current treatment plant rather than construct new capacity elsewhere.</p>



	<p>zone is entirely on the proponent's land.</p> <p>WW8A Establish a new biosolids organic soil conditioning site.</p> <p>WW9A Increase sewage treatment plant capacity beyond existing rated capacity through improvements to operations and maintenance activities only, but without construction of works to expand, modify or retrofit the plant or the outfall to the receiving the water body, with no increase to total mass loading to receiving water body as identified in the Certificate of Approval.</p> <p>W5A Increase water treatment plant capacity intake through improvements to operations and maintenance activities only, but without construction of works to expand, modify or retrofit the plant, where the increase does not increase the limit in the Permit to Take Water.</p> <p>W4A+ Expand / refurbish / upgrade water treatment plant up to existing rated capacity where no land acquisition is required.</p> <p>WW4B Establish sewage flow equalization tankage in existing sewer system or at existing sewage treatment plants, or at existing pumping stations for influent and/or effluent control.</p> <p>WW9B Increase sewage treatment plant capacity beyond existing rated capacity through improvements to operations and maintenance activities only but without construction of works to expand, modify or retrofit the plant or the outfall to the receiving water body where there is an increase to total</p>	<p>Keeping the community advised even for minor projects is worthwhile.</p> <p>Seven projects shift from A to A+ and six shift from B to A+</p>
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	<p>mass loading to the receiving water body as identified in the Certificate of Approval.</p> <p>W2B Establish facilities for disposal of process wastewater (e.g. install sewer connection, construct holding pond, dewatering and hauling operations to disposal sites).</p> <p>W8B Establish a well at a new municipal well site, or install new wells or deepen existing wells or increase pump capacity of existing wells at an existing municipal well site where the existing rated yield will be exceeded. If a new water system is also required, this will become a Schedule C project.</p> <p>W10B Increase water treatment plant capacity including new or expanded water intake beyond existing rated capacity through improvements to operations and maintenance activities only but without construction of works to expand, modify or retrofit the plant.</p> <p>W11B Replacement of water intake pipe for a surface water source.</p>	
<p>New6 All construction, rehabilitation or alteration to storm water treatment infrastructure where the technical merits are assessed and approved by another process and the work is contained within the proponent's property</p>	<p>WW11A Establish new or replace or expand existing stormwater detention/retention ponds or tanks and appurtenances including outfall to receiving water body provided all such facilities are in either an existing utility corridor or an existing road allowance where no additional property is required.</p> <p>WW5A+ Modify, retrofit, or improve a retention/detention facility including outfall or infiltration system for the purpose of</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities.</p> <p>Schedule A+ process provided notice to community One project shifts from A to A+</p>

	stormwater quality control. Biological treatment through the establishment of constructed wetlands is permitted.	
New7 All rehabilitation or alteration to shoreline or in-water infrastructure where the infrastructure remains in the same location and for the same purpose and the technical merits are assessed and approved by another process.	<p>WW12A Replace traditional materials in an existing watercourse or in slope stability works with material of equal or better properties, at substantially the same location and for the same purpose.</p> <p>WW13A Reconstruct an existing dam weir at the same location and for the same purpose, use and capacity.</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities.</p> <p>Schedule A+ process provides notice to community Two projects shift from A to A+</p>
<b>Schedule B</b>		
New8 Expand existing water system or wastewater system infrastructure (excluding treatment facilities) in a newly established corridor (includes a new water crossing via open cut) where the technical merits are assessed and approved by another process	<p>WW1B Establish, extend or enlarge a sewage collection system and all works necessary to connect the system to an existing sewage outlet where such facilities are not in an existing road allowance or an existing utility corridor.</p> <p>WW11B Communal sewage systems (new or expanded) with subsurface effluent disposal subject to approval under Section 53 of the Ontario Water Resources Act.</p> <p>WW14B Water crossing by a new sewage facility except for the use of Trenchless Technology for water crossings</p> <p>W9B Water crossing by a new or replacement water facility except for the use of Trenchless Technology for water crossings.</p> <p>W1B Establish, extend or enlarge a water distribution system</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities.</p> <p>If municipal, a new communal system should be Schedule B so alternatives are considered. If the proponent is a developer, project is exempt. Establishing new corridors should trigger a Schedule B</p> <p>Use of trenchless technology would not be a trigger.</p> <p>No projects shift</p>

	<p>and all works necessary to connect the system to an existing system or water source, where such facilities are not in either an existing road allowance or an existing utility corridor.</p>	
<p>New9 All rehabilitation or alteration to water treatment or sanitary wastewater infrastructure where the technical merits are assessed and approved by another process and the rated capacity is increased by more than 50% or the work is not contained within the proponent's property</p>	<p>WW3B Enlarge stormwater retention/detention ponds/ tanks or sanitary or combined sewage detention tanks by addition or replacement, at substantially the same location where additional property is required.</p> <p>WW5B Add additional lagoon cells or establish new lagoons, or install new or additional sewage storage tanks at an existing sewage system, where land acquisition is required but existing rated capacity will not be exceeded.</p> <p>WW13B Expansion of the buffer zone between a lagoon facility or land treatment area and adjacent uses, where the buffer zone extends onto lands not owned by the proponent.</p> <p>W8B Establish a well at a new municipal well site, or install new wells or deepen existing wells or increase pump capacity of existing wells at an existing municipal well site where the existing rated yield will be exceeded. If a new water system is also required, this will become a Schedule C project.</p> <p>WW8B Expand sewage treatment plant, including relocation or replacement of outfall to receiving water body, up to existing rated capacity where new land acquisition is required.</p> <p>WW6B Establish biosolids management facilities at:</p> <p>a) A sewage treatment plant where the</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities</p> <p>No project shift</p>

	<p>biosolids were not generated.</p> <p>b) An existing landfill site, incinerator or organic soil conditioning site where the biosolids are not to be disposed of nor utilized.</p>	
<p>New10 All construction, rehabilitation or alteration to storm water treatment infrastructure where the technical merits are assessed and approved by another process but the work is not contained within the proponent's property</p>	<p>WW2B Establish new stormwater retention/detention ponds and appurtenances or infiltration systems including outfall to receiving water body where additional property is required.</p> <p>W3B Expand existing water treatment plant including intake up to existing rated capacity where land acquisition is required.</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities</p> <p>No projects shift</p>
<p>New 11 New construction or major alteration to any works along a watercourse for the purposes of flood control, erosion control or to aid navigation or fish</p>	<p>WW15B Construct berms along a watercourse for purposes of flood control in areas subject to damage by flooding.</p> <p>WW16B Modify existing water crossings for the purposes of flood control.</p> <p>WW17B Works undertaken in a watercourse for the purposes of flood control or erosion control, which may include:</p> <ul style="list-style-type: none"> <li>• bank or slope regrading</li> <li>• deepening the watercourse</li> <li>• relocation, realignment or channelization of watercourse</li> <li>• revetment including soil bio-engineering techniques</li> <li>• reconstruction of a weir or dam.</li> </ul> <p>WW18B Construction of spillway facilities at existing outfalls</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities</p> <p>No projects shift</p>

	<p>for erosion or sedimentation control.</p> <p>WW19B Construct a fishway or fish ladder in a natural watercourse, expressly for the purpose of providing a fishway.</p>	
<p>New12 Reconstruct existing weir or dam at the same location where the purpose, use and capacity are changed or removal of an existing weir or dam.</p>	<p>WW22B Reconstruct existing weir or dam at the same location where the purpose, use and capacity are changed.</p> <p>WW23B Removal of an existing weir or dam.</p>	<p>same</p>
<p>New13 Install an new municipal holding tank for sanitary sewage</p>	<p>WW25B A new holding tank that is designed for the total retention of all sanitary sewage disposed into it and requires periodic emptying.</p>	<p>Typically a holding tank would be part of a site plan development and not be a municipal project. It would be approved as part of the building permit similar to a septic system.</p> <p>If this was a municipal holding tank then remain Schedule B as consideration of alternatives is worthwhile</p>
<p>New14 Enclose a watercourse in a storm sewer</p>	<p>WW20B Enclose a watercourse in a storm sewer.</p>	<p>A watercourse might be enclosed in a storm sewer if the area was being developed and an open channel was not desirable. This project would be heavily regulated by CA (fish habitat).</p>

		<p>Minor culverts for crossing the watercourse should be Schedule A</p> <p>Enclosing major lengths should be Schedule B to consider alternatives</p>
Delete	WW21B Construct a stormwater control demonstration or pilot facility for the purpose of assessing new technology or procedures.	What is an example that is not covered in New6 or New10?
New15 Establish stormwater infiltration system for groundwater recharge	WW24B Establish stormwater infiltration system for groundwater recharge.	Same
Schedule C		
New16 Construct a new water or wastewater system	<p>WW1C Construct new sewage system, including outfall to receiving water body and/or a constructed wetland for treatment</p> <p>W1C Construct new water system including a new well and water distribution system.</p>	Same
New17 Construct a new or a major (>50%) expansion to an existing water or sanitary wastewater treatment plant	<p>WW2C Construct new sewage treatment plant or expand existing sewage treatment plant beyond existing rated capacity including outfall to receiving water body.</p> <p>WW3C Establish new lagoons or expand existing lagoons or</p>	The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities

<p>including establishing a new water source and outlet.</p>	<p>install new or additional sewage storage tanks which will increase beyond existing rated capacity.</p> <p>W2C Construct new water treatment plant or expand existing water treatment plant beyond existing rated capacity.</p> <p>W3C Establish a new surface water source.</p> <p>WW11C Construct new sanitary or combined sewage retention / detention facility at a new location</p>	
<p>New18 Establish a new biosolids system</p>	<p>WW4C Provide for land application of sewage effluent through spray irrigation system or overland flow.</p> <p>WW5C Establish a new biosolids landfill site or new biosolids incineration site for purposes of biosolids disposal.</p> <p>WW6C Establish a new transfer station or new storage lagoon not located at a sewage treatment plant, incinerator, landfill site, or organic soil conditioning site, for purposes of biosolids management.</p>	<p>The existing clauses may not cover all activities. A general all-inclusive statement should be used rather than attempting to list all possible activities</p>
<p>New19 Construct new major shoreline or in-stream infrastructure such as;</p> <ul style="list-style-type: none"> <li>- diverting flows from one watercourse to another</li> <li>- sea walls</li> <li>- breakwaters</li> <li>- dam or weir</li> </ul>	<p>WW8C Construction of a diversion channel or sewer for the purpose of diverting flows from one watercourse to another.</p> <p>WW9C Construct new shore line works, such as off-shore breakwaters, shore-connected breakwaters, groynes and sea walls.</p> <p>WW10C Construct a new dam or weir in a watercourse.</p>	<p>Same</p>



New 20 Artificially recharge an existing aquifer from a surface water source for purposes of water supply	W4C Artificially recharge an existing aquifer from a surface water source for purposes of water supply	<a href="#">Does this work with New16?</a>
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