

ERRATA

August 2022

Regional Municipality of York Langstaff Road from Weston Road to Highway 7 Municipality Class Environmental Assessment

ENVIRONMENTAL STUDY REPORT – January 2022

The table below identifies revisions to the Environmental Study Report (January 2022) for the above-noted study based on comments received following filing of the Environmental Study Report (ESR), which included comments from the following technical agencies:

- Toronto and Region Conservation Authority (dated November 29, 2021)
- York Region Natural Heritage and Forestry (dated February 11, 2022)
- Ministry of Heritage, Sports, Tourism and Culture Industries (dated February 11, 2022)
- Ministry of the Environment, Conservation and Parks (dated February 11, 2022, February 18, 2022)

This ESR Errata is to be read in conjunction with the ESR (January 2022).

SECTION	REVISION
Section 1.2.1.2	<ul style="list-style-type: none"> • The following replaces the email address listed under Director, Environmental Assessment Branch, Ministry of the Environment, Conservation and Parks on page 1-11: <i>EABDirector@ontario.ca</i>
Section 9.1.12	<ul style="list-style-type: none"> • The following replaces the fourth paragraph on page 9-35: <i>At grade separations (e.g. at Metrolinx GO Transit Barrie Line), planting selection should include native species as well as fast and/or deep-rooting woody vegetation to encourage slope stabilization. The Streetscape Plan will reflect a maximum slope of 3:1 at optimal location to ensure planting can be accommodated, where feasible.</i>
Section 9.1.12	<ul style="list-style-type: none"> • The following replaces the fourth paragraph on page 9-36: <i>All planted medians are to be irrigated in accordance with York Region’s Irrigation Design Guidelines, which is available upon request from York Region’s Natural Heritage and Forestry.</i>
Section 10.1.4	<ul style="list-style-type: none"> • The following replaces 10.1.4.A: 10.1.4.A <i>A detailed Landscape / Streetscape Plan will be developed during detailed design. The Streetscape Plan will adhere to York Region’s streetscape design objectives, as well as the York Region’s Designing Great Streets Guidelines (2019), the Street Tree and Forest Preservation Guidelines, and Street Tree and Horticultural</i>

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	<p><i>Design Guidelines, as it pertains to tree protection, removals, and encroachment within the Regional right-of-way.</i></p>
Section 10.1.4	<ul style="list-style-type: none"> • The following added as 10.1.4.D: <p>10.1.4.D <i>The requirements for York Region’s Natural Heritage and Forestry Engineered Growing Media (planting soil) shall be considered in future project costs and during detailed design for all proposed tree planting locations and/or landscaped medians.</i></p>
Section 10.1.4	<ul style="list-style-type: none"> • The following added as 10.1.4.E: <p>10.1.4.E <i>If overhead utility wires will be located in proximity to planting zones, York Region’s Natural Heritage and Forestry will be included in discussions to optimize full form planting requirements.</i></p>
Section 10.1.5	<ul style="list-style-type: none"> • The following replaces the first paragraph in Section 10.1.5: <p><i>While much of the study area consist of industrial and commercial land uses, there are existing residential land uses east of Dufferin Street and west of Weston Road. Representative receptor locations with reverse frontages along Langstaff Road have been identified and modelled to demonstrate the worst-case sound level; a total of 14 receptor locations were identified. The Noise Assessment Report can be found in Appendix N of the ESR.</i></p> <p><i>The Noise Assessment Report is based on the Ontario Ministry of Transportation (MTO) / Ministry of the Environment, Conservation and Parks (MECP) Noise Protocol, York Region Standard Operating Procedures for Traffic Noise Mitigation on Regional Roads (July 2010), York Region Traffic Noise Mitigation Policy for Regional Roads (March 2006), Publication NPC-115 (Construction Equipment), Publication NPC-118 (Motorized Conveyances), and the City of Vaughan Noise By-laws.</i></p>
Section 10.1.6	<ul style="list-style-type: none"> • The following added as 10.1.6.D: <p>10.1.6.D <i>Future air quality impact assessments will include the base case scenario to measure any differences between the current and future air quality scenarios.</i></p>
Section 10.1.7	<ul style="list-style-type: none"> • The following replaces 10.1.7.A: <p>10.1.7.A <i>York Region is committed to continuing the above noted approach regarding climate change in future detailed design for the proposed undertaking on Langstaff Road. Examples of other mitigation measures for consideration during detailed design may include, for example:</i></p> <ul style="list-style-type: none"> - <i>Implement and enforce an anti-idling policy for all machinery on site during the construction stage;</i>

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	<ul style="list-style-type: none"> - <i>Ensure all machinery and equipment are in good repair, equipped with emission controls, as applicable, and operated within regulatory requirements;</i> - <i>Use materials that have a lower carbon footprint and a long lifespan;</i> - <i>Plant additional vegetation to create a carbon sink.</i> - <i>Examples of other adaptation measures include: Design embankments with additional stabilization, through planting vegetation; Choose vegetation to stabilize embankments that is known to withstand erosion and climatic stressors such as extreme heat, drought tolerance, and flood resistance; Use resilient asphalt that can tolerate extreme heat; Design and construct roads to prevent frost heaves.</i>
Section 10.4.2	<ul style="list-style-type: none"> • The following is to be added to Section 10.4.2 following the third paragraph: <i>As indicated above, the proposed road widening on Langstaff Road will be to the west of the existing Langstaff Road and Dufferin Street intersection only. Direct impacts to wetland communities that have been mapped within the study area are not anticipated based on the current roadway design. Infiltration galleries and exfiltration trenches may be considered to maintain the minimum runoff from the site and may be considered to be located at most of the intersections along Langstaff Road. As such water balance of these small pockets of riparian wetlands are not required.</i>
Section 10.4.2	<ul style="list-style-type: none"> • The following is to be added to Section 10.4.2 following the last bullet point: 10.4.2.O <i>Tree compensation will be based on the Region's Tree Compensation Guidelines. Quantification of removals and areas impacted will be provided to inform compensation requirements and in consultation with TRCA. No net loss should be achieved.</i>
Section 10.4.2	<ul style="list-style-type: none"> • The following replaces the second bullet point in Section 10.4.2: 10.4.2.B <i>Stabilize and re-vegetate exposed surfaces within 45 days of completion of works at those locations. Plantings will follow the recommendations on landscape plans, to be developed at detailed design and will include native species suitable to the site conditions and will ensure no net loss.</i>
Section 10.5.2	<ul style="list-style-type: none"> • The following is to be added to Section 10.5.2 following the last bullet point: 10.5.2.B <i>As a result of the decommissioning of the existing West Don River Bridge and the construction of a wider crossing structure,</i>

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	<p><i>a new riverbank will be required through this area. The design of such riverbank and channel / habitat characteristics should be designed by a fluvial geomorphologist with input from a fisheries biologist. During detailed design, TRCA review will not be limited to erosion and hydrology. TRCA will also review the requirements and proposals regarding the design of riverbank, channel, and aquatic and terrestrial habitats during the detailed design. A review by DFO will likely be required given the impacts within the bankfull channel.</i></p>
Section 10.7	<ul style="list-style-type: none"> • The following is to be added as 10.7.F regarding commitment for future work for hydrogeology / Source Water Protection: <p>10.7.F <i>As the site is within a WHPA-Q1/Q2 moderate risk area the following Policies (CTC Source Protection Committee, 2022) apply:</i></p> <p><i>i. DEM-1: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (MECP) Prescribed Instrument (Permit to Take Water Policies); MON-4</i></p> <p><i>ii. DEM-2: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (Planning Approval Authority) Land Use Planning (Planning Policies); MON-1</i></p> <p><i>iii. DEM-3: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (MMAH, MECP) Specify Action (Growth Management/Planning Ministries to Review Growth); MON-4</i></p> <p><i>iv. DEM-4: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (Municipality) Specify Action (Municipal Water Conservation Plans); MON-1</i></p> <p><i>v. DEM-8: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (MECP) Specify Action (MECP to Adopt and Fund Maintenance of the Tier 3 Water Budget Model); MON-4</i></p> <p><i>vi. DEM-10: An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body (Municipality) Specify Action; MON-1</i></p>

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	<p><i>vii. REC-1: An activity that reduces recharge to an aquifer (Planning Approval Authority) Land Use Planning (planning policies for Protecting Groundwater Recharge); MON-1</i></p> <p><i>These policies must be considered during detailed design.</i></p>
Section 10.7	<ul style="list-style-type: none"> • The following is to be added as 10.7.G regarding commitment for future work for hydrogeology / Source Water Protection: <p>10.7.G <i>The following two Monitoring Policies apply:</i></p> <p>1. MON-1 (Municipality): <i>The municipality or planning approval authority shall, by February 1 of each year, prepare and submit a report equivalent to s. 65 of O. Reg. 287/07 under the Clean Water Act, 2006 to the Source Protection Authority on the actions taken in the previous calendar year to achieve the outcomes of the source protection policy. Where applicable, municipal planning authorities shall provide a copy of the notice of adoption of amendments to official plans and/or zoning by laws. Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</i></p> <p>2. MON-4 (Provincial Ministry): <i>The provincial ministry shall, by February 1 of each year, prepare and submit a report to the Source Protection Authority on the actions taken in the previous calendar year to achieve the outcomes of the source protection policy. Reporting shall include information related to the effectiveness of the policies in ensuring a threat ceases to be, or does not become significant, and any actions required to respond to a drinking water threat during the reporting period.</i></p> <p><i>These above two monitoring policies must be adhered to during construction.</i></p>