

# **APPENDIX 15-X**

## **Stage 1 Marine Archaeological Assessment, East-West Tie Transmission Line**

**Ministry of Tourism, Culture  
and Sport**  
Archaeology Programs Unit  
Programs and Services Branch  
Culture Division  
401 Bay Street, Suite 1700  
Toronto, ON, M7A 0A7

**Ministère du Tourisme de la Culture  
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Unité des programmes archéologique  
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401, rue Bay, Bureau 1700  
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March 20, 2018

Darren Kipping  
Stantec Consulting  
600-171 Queens Avenue  
London, Ontario N6A 5I7  
[Darren.kipping@stantec.com](mailto:Darren.kipping@stantec.com)

**RE: Review and entry into the Ontario Public Register of Archaeological Reports: Marine archaeological assessment report entitled, “Stage 1 Archaeological Assessment for the East-West Transmission Line Project (EWT)”, Dated: March 13, 2018, Filed on March 14, 2018, Licence number 2018-001,**

Dear Mr.Kipping:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18.\* This review has been carried out in order to determine whether the licensed marine archaeologist met the terms and conditions of their licence and whether the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report the assessment of the study areas as shown in figures 10.1 – 10.18 of the report and recommends the following:

- Stantec was retained by NextBridge to complete a Stage 1 marine archaeological assessment for water crossings requiring work below the high-water mark associated with the proposed East-West Tie Transmission Line. The Stage 1 marine archaeological assessment determined that none of the water crossings investigated within the study area retained any archaeological potential for marine archaeological resources as summarized in Table 6. Therefore, no further marine archaeological assessment is required for the study area

Based on the information in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment is consistent with the terms and conditions for a marine archaeological licence. This report will be entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Please feel free to contact me if you have any questions.

Sincerely,

Meagan Brooks  
Archaeology Licensing and Information Officer

c. Next Bridge Infrastructure LP

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\*In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the report or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken if additional artifacts or archaeological sites are identified or the report is otherwise found to be inaccurate, incomplete, misleading or fraudulent.



**Stage 1 Marine Archaeological  
Assessment, East-West Tie  
Transmission Line**

Various Locations, Districts of Thunder Bay  
and Algoma, Ontario

March 13, 2018

Prepared for:

NextBridge Infrastructure LP  
390 Bay Street, Suite 1720  
Toronto, ON M5H 2Y2

Prepared by:

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Licensee: Darren Kipping, MA  
Licence Number: R422  
Licence Certificate Number: 2018-001  
MTCS File Number: 0000351  
Project Number: 160940444

**ORIGINAL REPORT**

## Executive Summary

Stantec Consulting Ltd. (Stantec) was retained by NextBridge Infrastructure LP (NextBridge) to complete a Stage 1 marine archaeological assessment for water crossings associated with the proposed East-West Tie Transmission Line (the Project). The Project comprises an approximate 450 kilometre long linear right-of-way, with a typical width of 64 metres, connecting the Lakehead Transformer Station (TS) to the Wawa TS (with a connection at the Marathon TS) (Figure 1). The Project also includes associated permanent and temporary access roads, storage yards, laydown yards, and construction crew camps and construction easements.

The Environmental Assessment of the Project conducted by Golder Associates Ltd. (Golder) identified 21 water crossings which require construction activity below the high-water mark on fourth-order streams or higher. Water crossings are temporary or permanent structures spanning a waterbody associated with access roads for the Project. The high-water mark is defined by a waterbody's highest water level reached. Stream order classification provides a numeric value to a waterbody based on a measure of its relative size, with lower numbers being assigned to tributaries or headwaters and generally increasing as the waterbody increases in size in the downstream direction (ESRI 2017; Nextbridge 2018a). Construction activity below the high-water mark has the potential to disturb marine archaeological resources. Stantec constructed an archaeological potential model to assess these 21 water crossings.

The Stage 1 marine archaeological assessment determined that none of the water crossings pertinent to this report retained any archaeological potential for marine archaeological resources. Therefore, **no further marine archaeological assessment is required for the study area.**

The MTCS is asked to review the results presented and to accept this report into the Ontario Public Register of Archaeological Reports.

*The Executive Summary highlights key points from the report only; for complete information and findings, the reader should examine the complete report.*