

## Sonar profiling and mapping of St. John River bottom

**SAINT JOHN, New Brunswick:** This week, Brunswick Pipeline will begin sonar profiling work in the St. John River at the location of our planned river crossing (from the western end of Spar Cove Road in Saint John's North End to Pleasant Point in West Saint John). This work is in follow-up to the geotechnical test core drilling that took place in the river and on shore in June and in early July. Sonar profiling is another tool to assist with detailed engineering plans for the entrance to and drilling underneath the St. John River as part of the planned pipeline construction.

Persons watching from shore may see a single boat traveling up and down the river, across its full width and for 50 m up- and down-stream from the planned pipeline location. The boat will pull a sonar buoy behind it, which may at times be visible. This activity is industrial in nature, and may involve other work on the boat deck.

Sonar profiling is a method of mapping an underwater area, during which sound signals are directed toward the bottom of the river, which then reflect back to the buoy and are captured by computer. Images that result from the reflected sound signals provide a detailed picture of the bedrock at the bottom of the river. This picture will show where sediment deposits have built up, and where drop-offs and other geologic formations are located.

The work will be carried out by Seaforth Engineering Group Inc. and its subcontractor, IKB Technologies, both companies based in the Maritimes. All necessary permits have been obtained from the New Brunswick Department of Environment and the federal Department of Fisheries and Oceans.

This is the final pre-Horizontal Directional Drill (HDD) investigation work planned for the St. John River. Engineering planning and design work are continuing for the St. John River crossing. A public open house on the HDD plan and a related contingency plan is being organized for late August. Residents living in the area of the crossing, and other interested citizens, will be able to review the HDD plan, and ask questions directly to Brunswick Pipeline and its consultants who will be available at the open house. Detailed information about the open house will be provided once plans are finalized.

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### ***About Brunswick Pipeline***

*Brunswick Pipeline is a wholly owned subsidiary of Emera Inc. (EMA-TSX) an energy company based here in the Maritimes. We are proud to support the addition of a new and abundant supply of clean-burning natural gas in our region. Brunswick Pipeline will deliver natural gas from the planned Canaport™ Liquefied Natural Gas (LNG) receiving and re-gasification terminal near Saint John, New Brunswick to markets in Canada and the US northeast. The 145 kilometer pipeline will extend through southwest New Brunswick to an interconnection with the Maritimes and Northeast Pipeline at the Canada/US border near St. Stephen, New Brunswick. Visit Brunswick Pipeline's website at [www.brunswickpipeline.com](http://www.brunswickpipeline.com).*

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