Schedule B – Bridge

Project Description
(Please complete one Schedule for each crossing)

Location

Site Name/No/Civic Address: _____

Please mark location on a copy of a topographic map (preferably at 1:50,000 scale) or Google Earth Image and include as a separate attachment with the application.

If including a 1:50,000 Topographic Map, Please Provide:

Map No: _____

Or, UTM Coordinates:

N _____ E _____ NAD _____ ZONE _____

Design

Drainage Area Profile:

Drainage Area: _____ km^2

Main Channel Length: _____ km

Slope of Drainage Area: _____ %

Drainage Area Classification:

Forest: _____%

Barren: _____%

Wetland: _____%

Urban: _____%

Hydrologic Details:

Return Period: 1: _____ years

Estimation Method: □ Rational □ TR55 □ RFFA □ Other _____

Maximum Flow: _____ m^3/s

Design Flow: _____ m^3/s

Description of Estimation:

Please show calculation(s) below or attach separate sheets, if required.

_____

_____

_____

_____

_____

_____

_____

_____

_____

Design (cont'd)

Bridge Material:

□ Untreated Timber □ Treated Timber □ Concrete □ Steel □ Other _____

Abutment Type:

□ Bin Wall □ Concrete □ Wood □ Rip-rap □ Other _____

Bridge Span : _____ metres
(abutment to abutment)

Height of Bridge: _____ metres
(above stream bed)

Area of Opening: _____ m^2

Freeboard: _____ metres
(above maximum flow level)

Max Velocity: _____ m/s

Min Velocity: _____ m/s

Construction

Equipment to be used**:** _____

Proposed dewatering method: _____

Briefly describe how erosion control and stabilization will be carried out:

_____

_____

_____

_____

_____

_____

_____

Briefly describe how site restoration will be carried out:

_____

_____

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_____

Technical guidelines, departmental policies and application forms are available at:
https://www.gov.nl.ca/ecc/waterres/permits-licenses/appforms/