

RAINWATER MANAGEMENT PROJECT SUMMARY FORM



This form summarises conformance to *Vancouver Building By-law Book II*, Division B, Article 2.4.2.5. It is to be submitted at the Plumbing Permit application stage with: a site schematic of rainwater management and drainage components, supporting calculations and references, and Schedule B from the plumbing *registered professional of record* and the civil *registered professional of record*, as applicable. Drawings and calculations must be sealed. See vancouver.ca/rainwater for more information.

SITE INFORMATION

Line 1. Project address: _____

Line 2. Building permit number: _____

Line 3. Design completed by the following registered professionals:

Mechanical: _____
(first and second name and company)

Civil: _____
(first and second name and company)

Landscape: _____
(first and second name and company)

Other (describe): _____

Form completed by: _____
(first and second name and company)

Signature: _____

Today's Date: _____
(DD / MM / YYYY)

CAPTURE REQUIREMENT

Line 4. Volume to be detained and/or retained: 24 mm x _____ = _____ m³
(site area)

Line 5. Total permitted reductions to detention volume requirement = _____ m³
(Line 5 is the sum of Column C values in the table below)

Table for Line 5: Reductions to detention volume requirement (reference: Article 2.4.2.5.)

Retention or other practice	Maximum permitted reduction (Column A), m ³	Limit to permitted reduction (Column B), m ³	Permitted reduction (Column C), m ³
Landscape features			
Vegetated (green) roof			
Non-potable water system (<i>alternate water source system</i>)			

Notes:

Line 6. Detention specifications:

- a) Working capacity: _____ m³ (Line 6a must be ≥ to Line 4 minus Line 5)
- b) Draw-down time when at capacity: _____ hours
- c) Confirm overflow operates by gravity: YES NO

RELEASE RATE REQUIREMENT

Line 7. Confirm release rate requirement:

- a) Does the development permit “prior-to” letter or rezoning referral report (if applicable) require more stringent release rate control than Article 2.4.2.5.? YES NO
- b) If YES for (a), is the release rate designed to meet the criteria of the development permit “prior-to” letter or rezoning referral report (if applicable)? YES NO Not Applicable

Line 8. Peak flow release rate, pre-development: _____ litres per second

Line 9. Maximum allowable peak flow release rate, post-development: _____ litres per second (Line 9 must be ≤ Line 8)

Line 10. Design (controlled) release rate, post-development: _____ litres per second (Line 10 must be ≤ Line 9)

Line 11. Return period used for:

- a) Pre-development calculation: _____ years
- b) Post-development calculation: _____ years