

Vancouver's Rain City Strategy — A 90% Rainfall Target and a Doubled 48 mm Design Standard on Public and Private Land (Canada)

PES & Nature-Based Solutions · Good practice · Canada

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Adopted in 2019, Vancouver's strategy targets managing 90% of average annual rainfall, doubles the design standard from 24 to 48 mm/day and aims to treat 40% of impervious area by 2050; outcome monitoring is still to be shown.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	1/3
Water & soil — retention, infiltration, erosion control	1/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-02

[City of Vancouver](#) — accessed 2026-10-02

[Council report, 5 Nov 2019 \(PDF\)](#) — accessed 2026-10-02

[Water Canada coverage](#) — accessed 2026-10-02

[CRC for Water Sensitive Cities](#) — accessed 2026-10-02

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