

NYC Green Infrastructure Program — Rain Gardens and Permeable Surfaces to Cut Combined Sewer Overflows

PES & Nature-Based Solutions · Good practice · United States of America

Quality score: 40/100

Evidence strength: Moderate

Summary

NYC DEP builds rain gardens, infiltration basins and permeable paving to keep stormwater out of combined sewers; the 2021 milestone certified 1,181 managed acres and ~507 million gal/yr of CSO reduction, with the deadline later pushed to 2040.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	1/3
Water & soil — retention, infiltration, erosion control	2/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-05

[NYC Department of Environmental Protection \(DEP\)](#) — accessed 2026-10-05

[NYC DEP Green Infrastructure 2021 Annual Report](#) — accessed 2026-10-05

[NYS DEC: 2023 Citywide Green Infrastructure Modification](#) — accessed 2026-10-05

[NYSDEC: New York City CSO Program](#) — accessed 2026-10-05

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