

Eeuwkanthen

“Eeuwkanthen” are low-lying stretches of land along a watercourse, which are flooded in times of high water. The use of eeuwkanthen dates from several centuries ago (probably the middle-ages) and is recently re-discovered. In combination with check dams and planted with grass and reeds they not only store water in wet periods when the drainage capacity is reduced, but also clean it. They can be used to purify roof water before it is discharged into surface waters.

This plan shows how eeuwkanthen were integrated into a water concept plan of the Auvergne Polder. A polder is an area of land that has been reclaimed from the sea. A certain percentage of the area was required to be open water, for which “eeuwkanthen” qualify, in order for the development permit to be granted.

Auvergnepolder geprojecteerd watersysteem

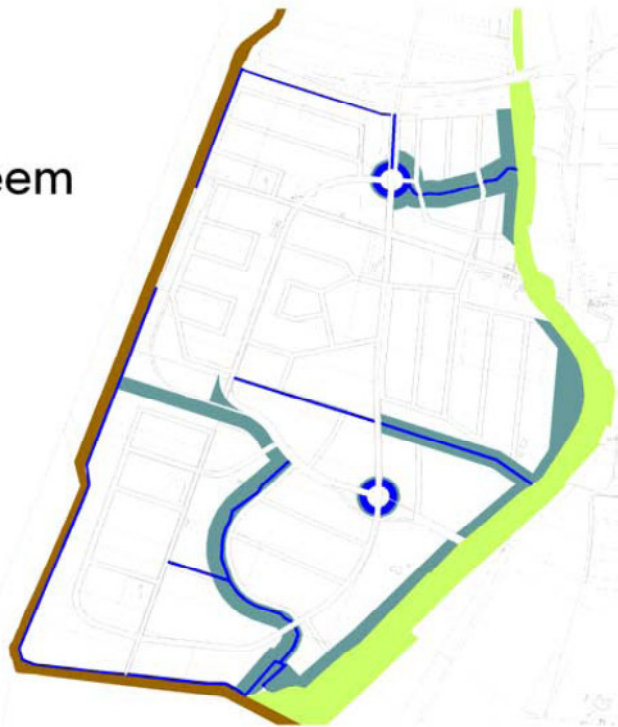


Figure A - 8 Reconstructed and new eeuwkanthen, part of the new water-system in a projected industrial estate

Credit: Adviesbureau Cuijpers



Figure A - 9 Section of a watercourse with eeuwkanthen in Auvergne Polder

Credit: Adviesbureau Cuijpers

Credit:

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**Greater Vancouver Sewerage & Drainage District Stormwater Source Controls
Preliminary Design Guidelines**

Appendix A: Jurisdiction Summaries - NETHERLANDS, p.37-38