

Water recycling strategy: summary Västervik, Sweden

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VÄSTERVIKS
KOMMUN

Action plan – Recirculation of water in Västervik Municipality



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Kommunstyrelsens förvaltning
Enheten för samhällsbyggnad
2025-11-30

VÄSTERVIK
Miljö & Energi

 **BOSTADS
BOLAGET**

Summery

The purpose of the action plan is to save drinking water and adapt to a changing climate with more variable precipitation, longer dry periods and heavier rainfall. The aim is also to inspire others to reuse stormwater. The plan has been developed in collaboration between Enheten för samhällsbyggnad, Västervik Miljö & Energi AB and Västerviks Bostads AB. The work has taken place within the Interreg project WaterMan 2023-2025. Västervik municipality has a strategy to achieve open storm water management and reuse of stormwater through the construction of multi-ponds while reducing problems with flooding and getting a greener urban environment and increased biodiversity. The goal is long-term sustainable stormwater management and drinking water supply.



The "multidam" in Gamleby with irrigation in back ground

Content of the action plan:

- Which preparatory work and analyses are suitable to start with
- Irrigation at sports facilities = low-hanging fruit.
- Reuse of rainwater and at private houses
- Advice to landowners/farmers on water retention and irrigation.
- Reuse via tap points where stormwater from multi-ponds can be collected for use in park department for irrigation.
- Reuse of rainwater in apartment buildings and business.
- New users!
- Reuse of process water and processed wastewater
- Information and inspiration, good examples, help to interested users how to follow-up and keep on the work



Rain water harvesting Tennis center



Irrigation football field



Tjustvallen sport center "multidam"



"Multidam" Västervik



Tap point Västervik



Irrigation summer flowers in city center



Housing company Reuse of rainwater for flushing toilets Gamleby

The „BSR Water Recycling Toolbox” was elaborated as part of the WaterMan project, which is co-financed by the European Union (European Regional Development Fund) and implemented within the Interreg Baltic Sea Region Programme. More information:

eurobalt.org/WaterRecyclingToolbox
interreg-baltic.eu/project/waterman

WaterMan promotes a Baltic Sea Region-specific approach to water recycling, which makes use of the alternation of too much and too little water that has become typical for humid areas in the EU to strengthen the resilience of local water supply. Building on this approach, the project supports municipalities and water companies in adapting their water supply strategies.

The contents of „BSR Water Recycling Toolbox” are the sole responsibility of the authors and can in no way be taken to reflect the views of the European Union, the Managing Authority or the Joint Secretariat of the Interreg Baltic Sea Region Programme.

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