

Status updates

Utilisation of stormwater with the aid of “multi-dams”

Västervik Municipality

30 April 2025





VÄSTERVIKS
KOMMUN

WaterMan Project Västervik Pilot

Livskvalitet varje dag

Actions nov 2024 to may 2025



Tjustvallen

”minimulti” step 2

- Planning, design
dec 2024
- Procurement
april 2025
- Construction
may 2025



Pumps, plumbing, control



Local show room Municipality hall

- Planning, design
dec 2024
- Procurement april
2025



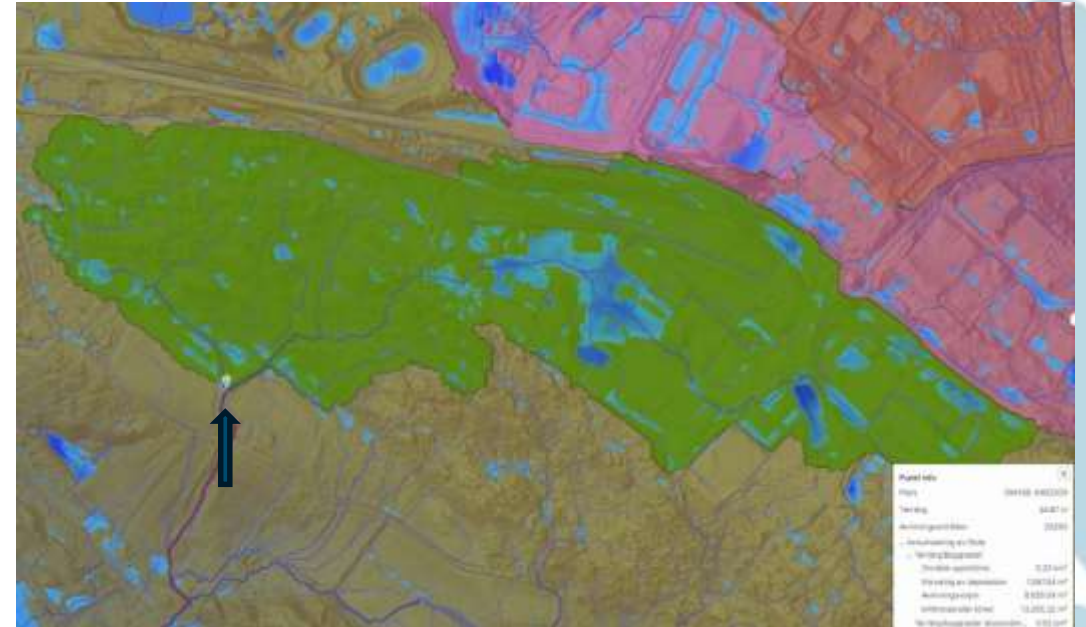
"Minimultidam" in Jenny Västervik

- Preparatory works, design
nov-dec 2024
- Procurement
dec 2024
- Construction
Jan-febr 2025



Climate adaption

- Problems when heavy rains
- Stormwater from 30 ha hardened surface
- Water retention
- Close to user (riding center)



From the construction



- Retention of 1500 kbm

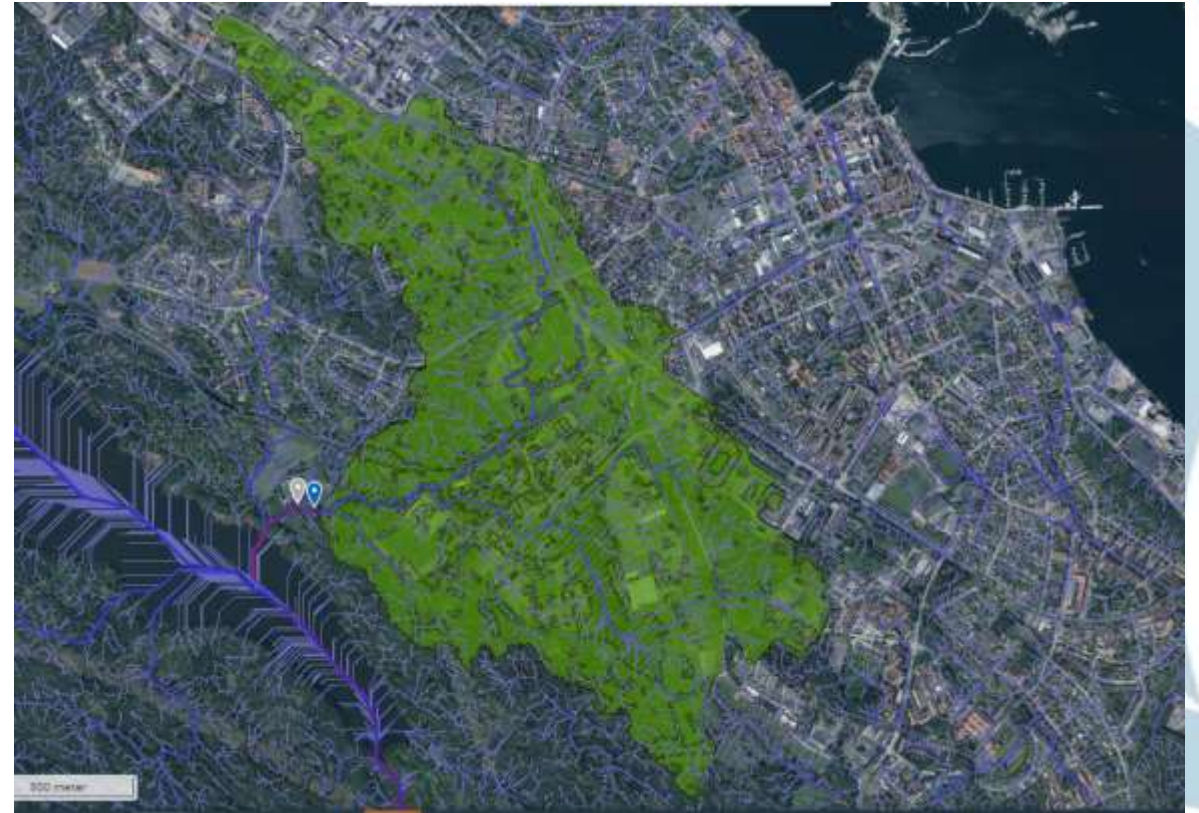
Feasibility studies Karstorp Västervik

- Climate adaption, water retention
 - Better water quality, purification
 - Visible surface water instead of pipes
 - Reuse of water
-
- How to solve many problems at the same time

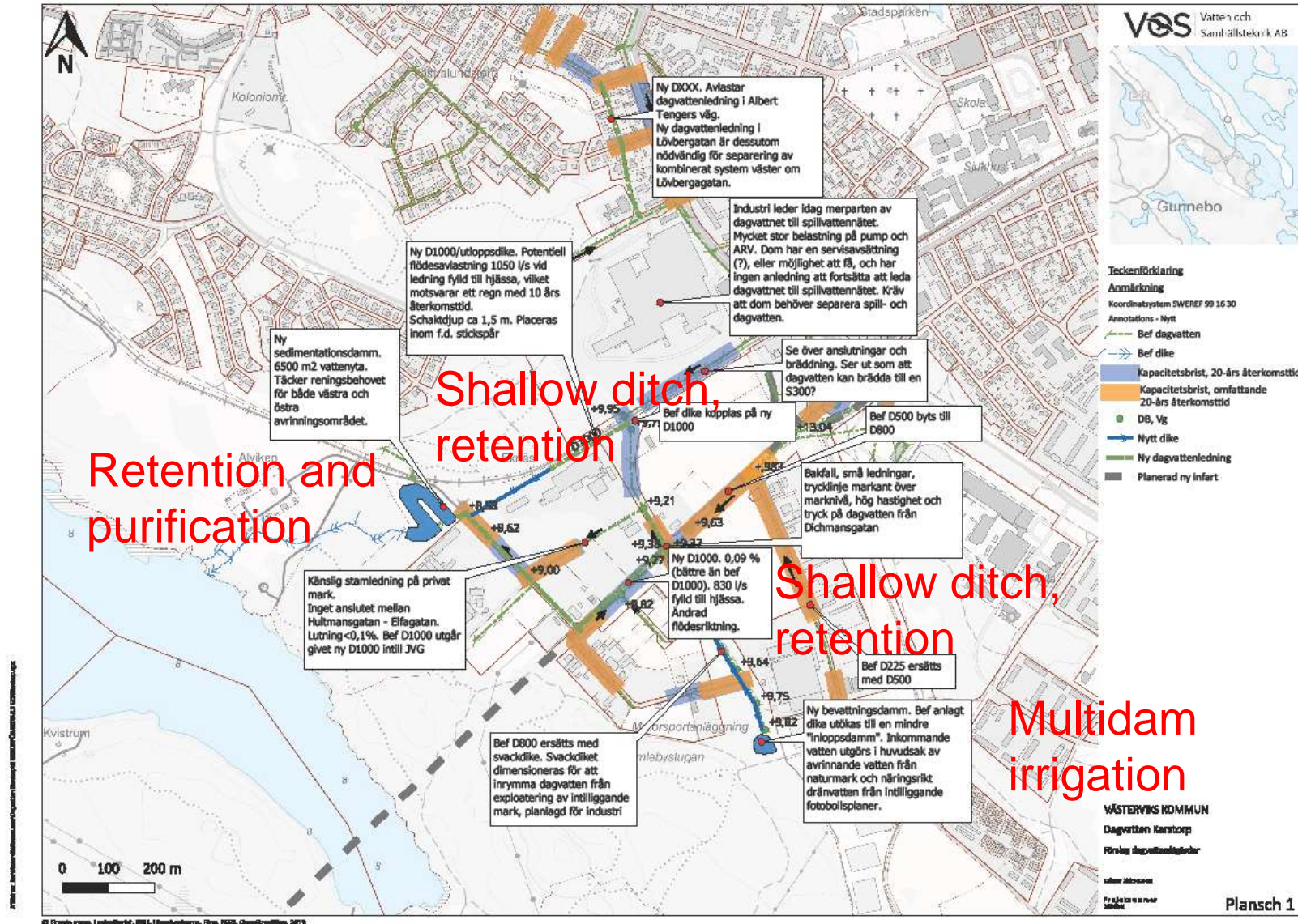


Problems and possibilities

- Catchment area
200 ha
1/4 of the storm water
city of Västervik
- Floods, problems
with capacity
- Heavily loaded lake
- Nearby users
football fields, fire department,
business/functions



Proposal from consultant



Next step Karstorp

Several solutions

- Prioritization, preparatory works, design
may-june 2025
 - Procurement
aug 2025
 - Construction
sept-oct 2025



Analyses Västervik

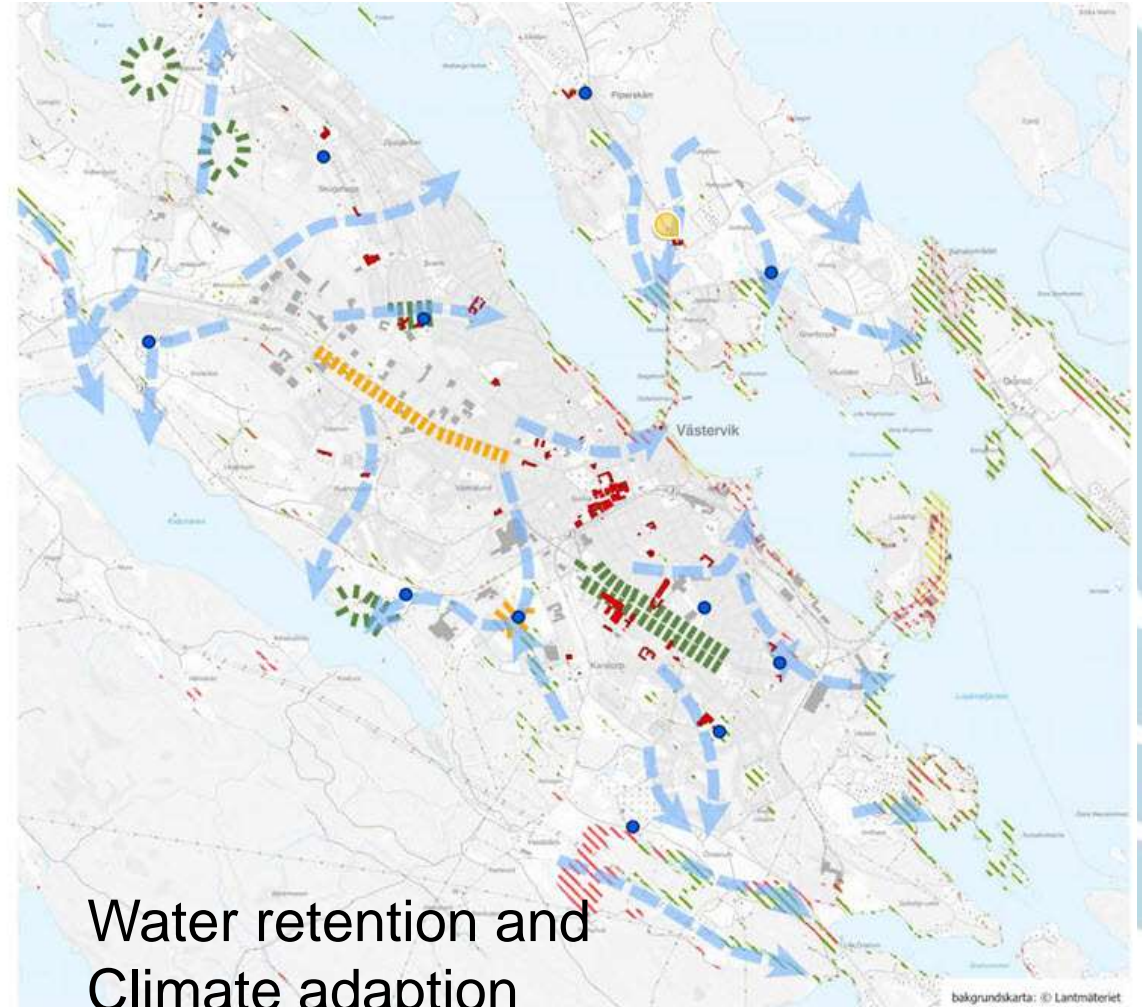
- Analyses heavy rains
- Prioritisation possible areas for retention
- Analyses interested users of storm water



Analyses - Water retention and winwin solutions

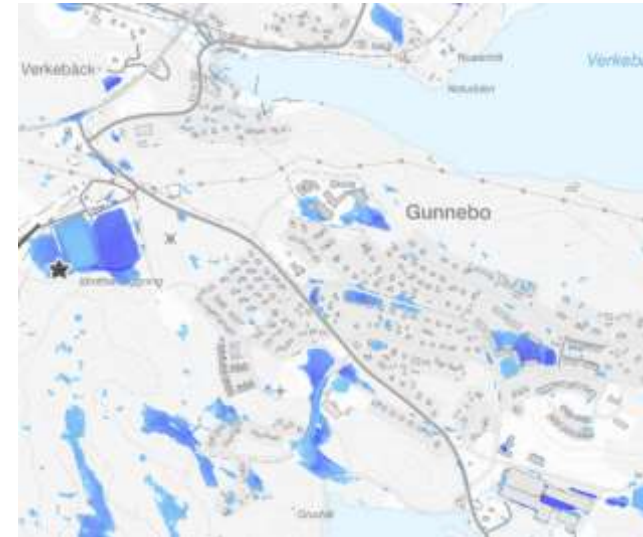
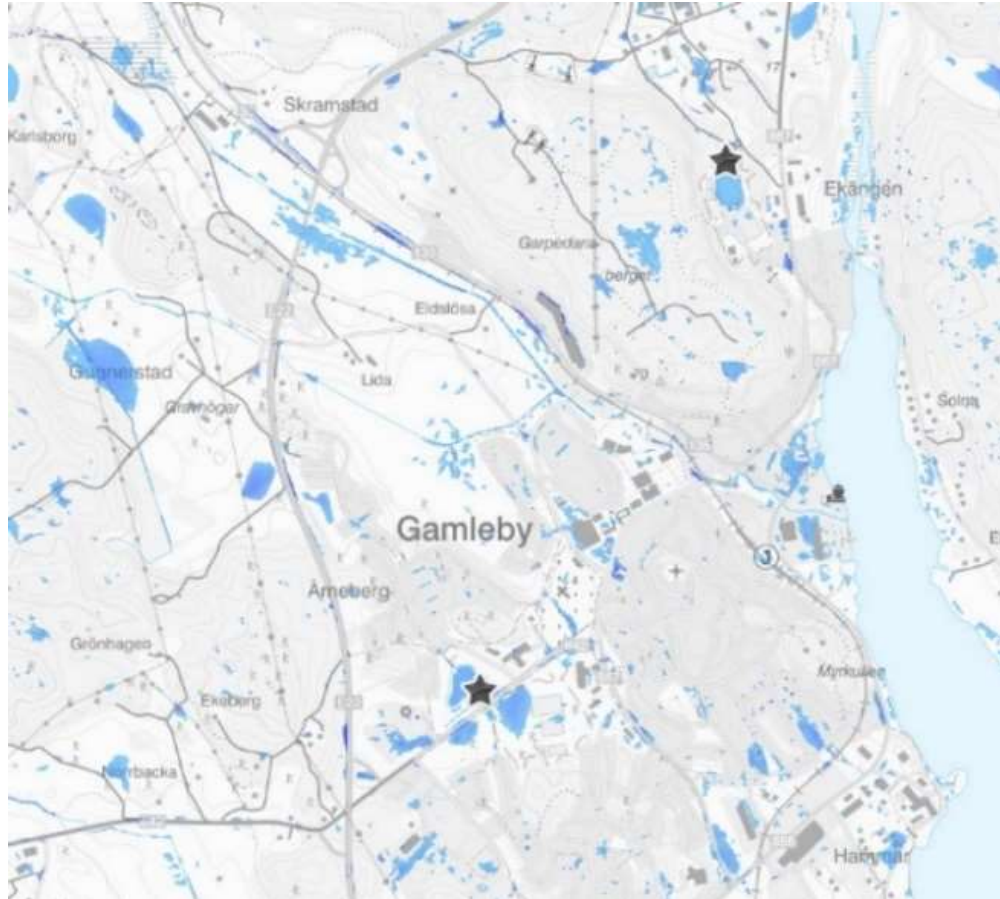


Proposed location Multidam



Water retention and
Climate adaption

Gamleby, Gunnebo, Överum



The „BSR Water Recycling Toolbox” was elaborated as part of the project “WaterMan - Promoting water reuse in the Baltic Sea Region through capacity building at local level”, The project 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 region-specific approach to water recycling, which intends to use the alternation of too much and too little water that has become typical in the Baltic Sea Region to make the local water supply more resilient, and supports municipalities & water companies in adapting their 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.

