

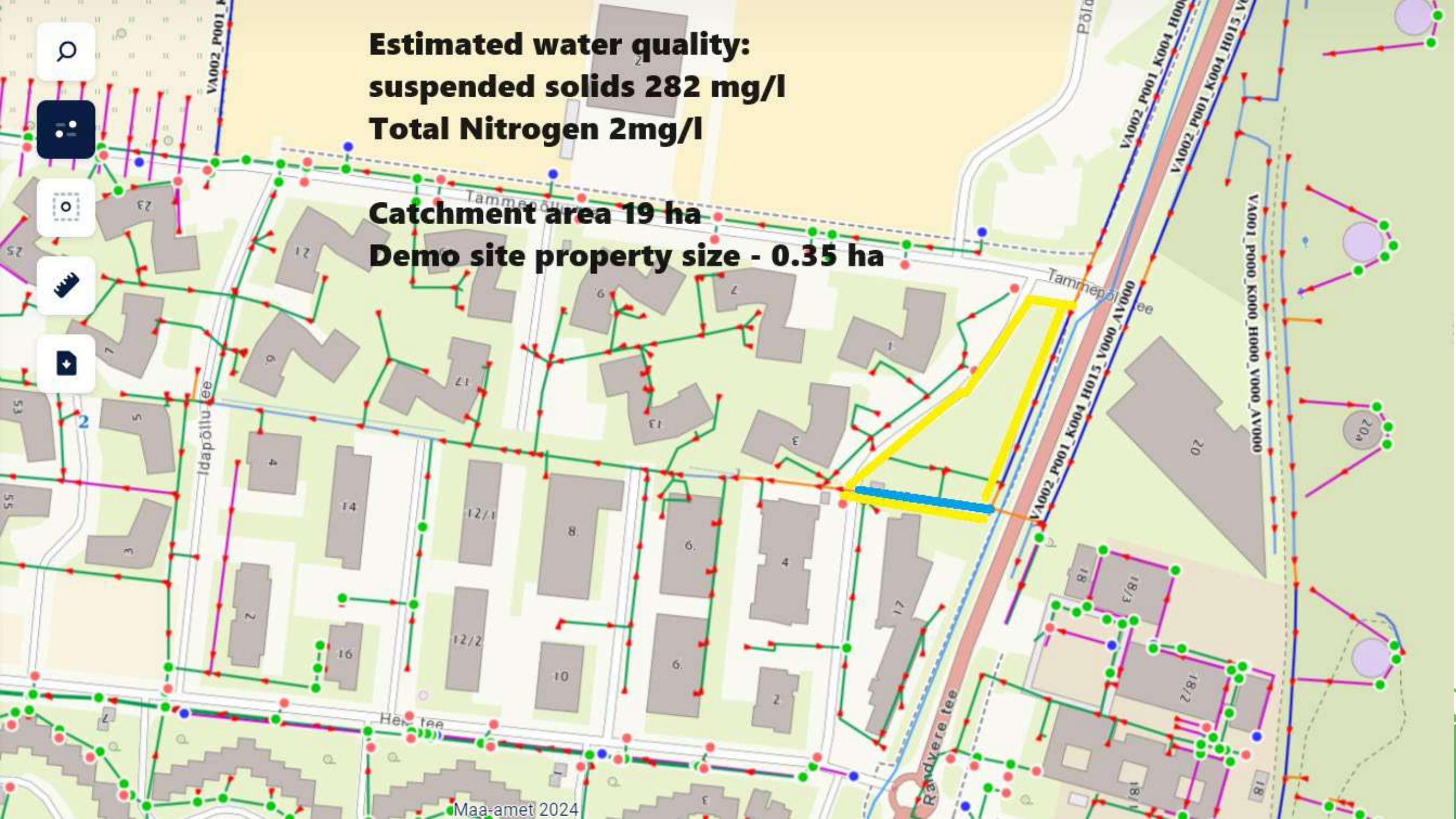
Viimsi demo site



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**Estimated water quality:
suspended solids 282 mg/l
Total Nitrogen 2mg/l**

**Catchment area 19 ha
Demo site property size - 0.35 ha**





Solution

Stormwater Treatment:

- Sedimentation pond
- Online monitoring system

Multidimensional aspect:

- Fountains using exclusively stormwater
- Enhanced public space (also for raising awareness)
- Water detention for preventing floodings downstream
- Greenery



Activities

- 2021 idea of using stormwater in fountains
- 2022 preliminary technical design project
- 2023 start of MUSTBE project
- 2023 spring/autumn meetings with TalTech about revision of the design project
- 2023 October, co-creation event in Riga
- 2023 autumn/2024 winter, modification of existing technical design project by TalTech
- 2024 february, conditions for modifying existing technical design project by TalTech

- 2024 spring, procurement for construction using existing
- 2024 summer, start of construction

Modifications to be made during construction

- Increased depth of the bond
- Modification of overflow and its regulator
- Control algorithms for outflow regulator
- Modification of water tank
- Reduction of the fountain nozzles
- Water quality sensors
- Data transmission

Täname!

Vajadusel esitleja kontaktid



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