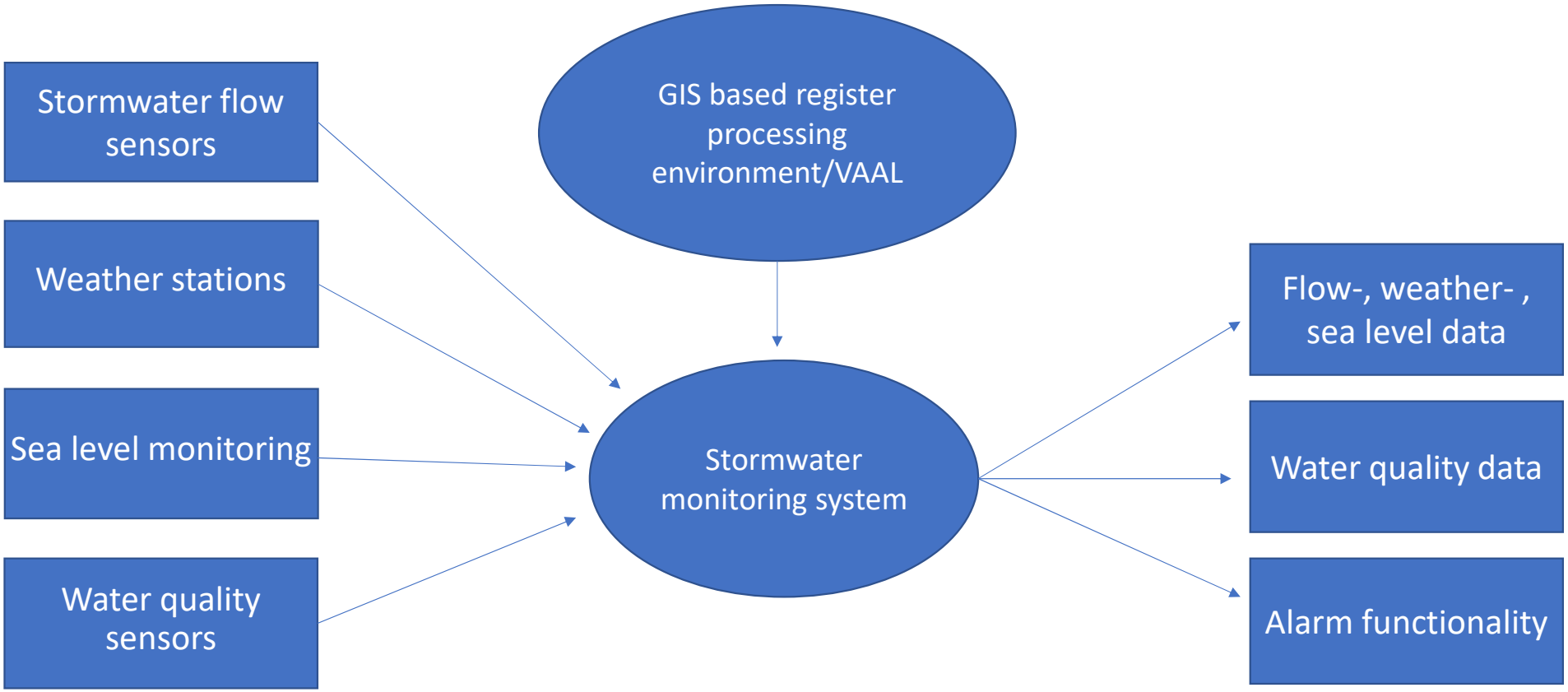
VIIMSI
VALLAVALITSUS

Rannarahva kodu

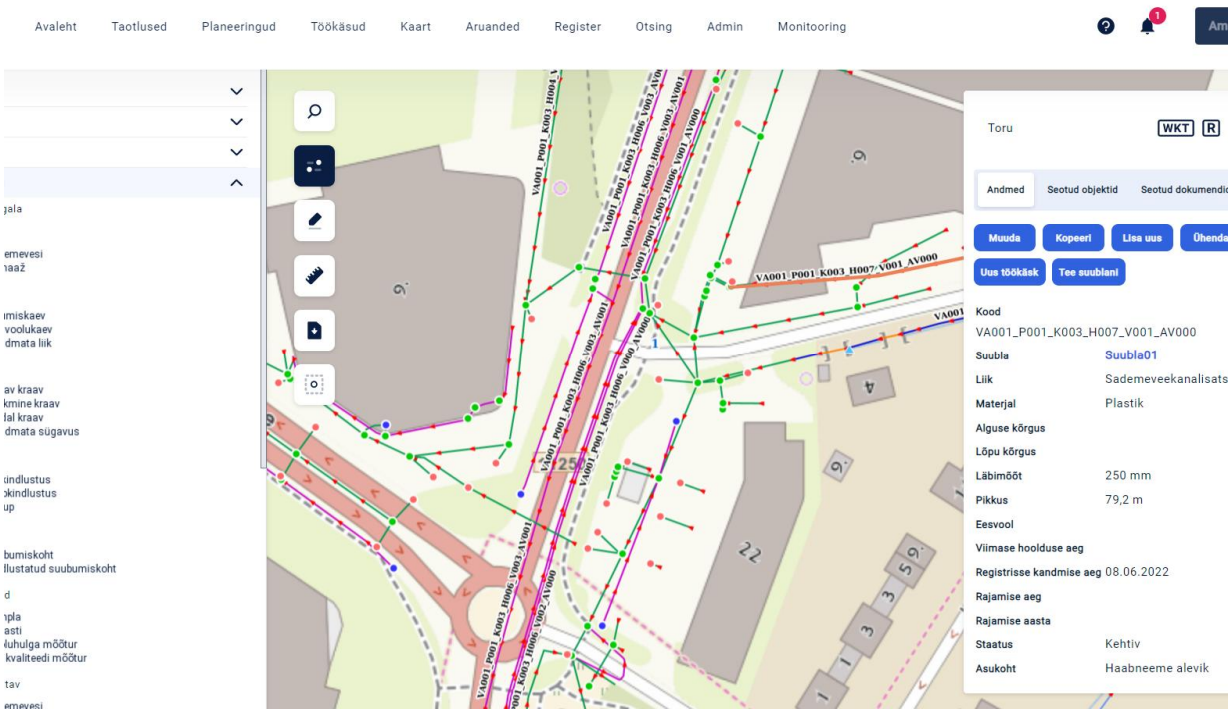
Interreg CleanStormWater

Real time stormwater quality monitoring

Stormwater monitoring system



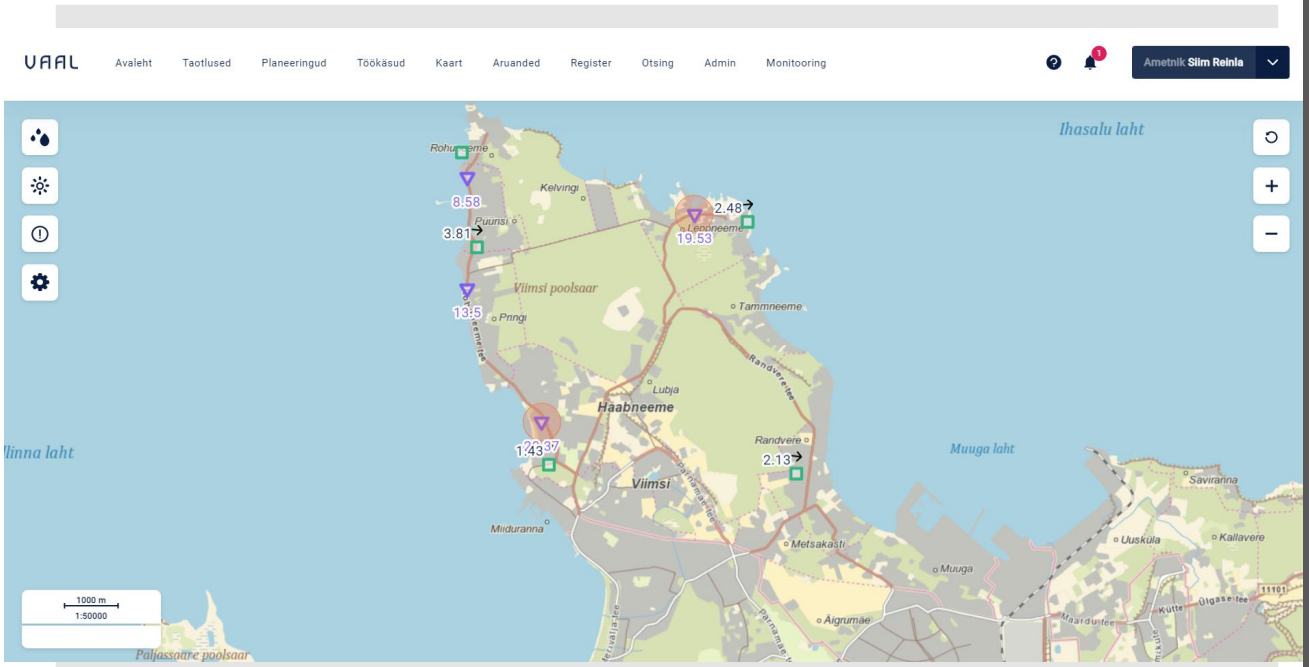
Viimsi municipality GIS based register and task performing system



Working environment for officials

- Information about municipality owned infrastructure
- Geoinformation and map, street view
- Work orders, statistics
- Procedures, applications, planning
- Application module for public
- Integration with state systems

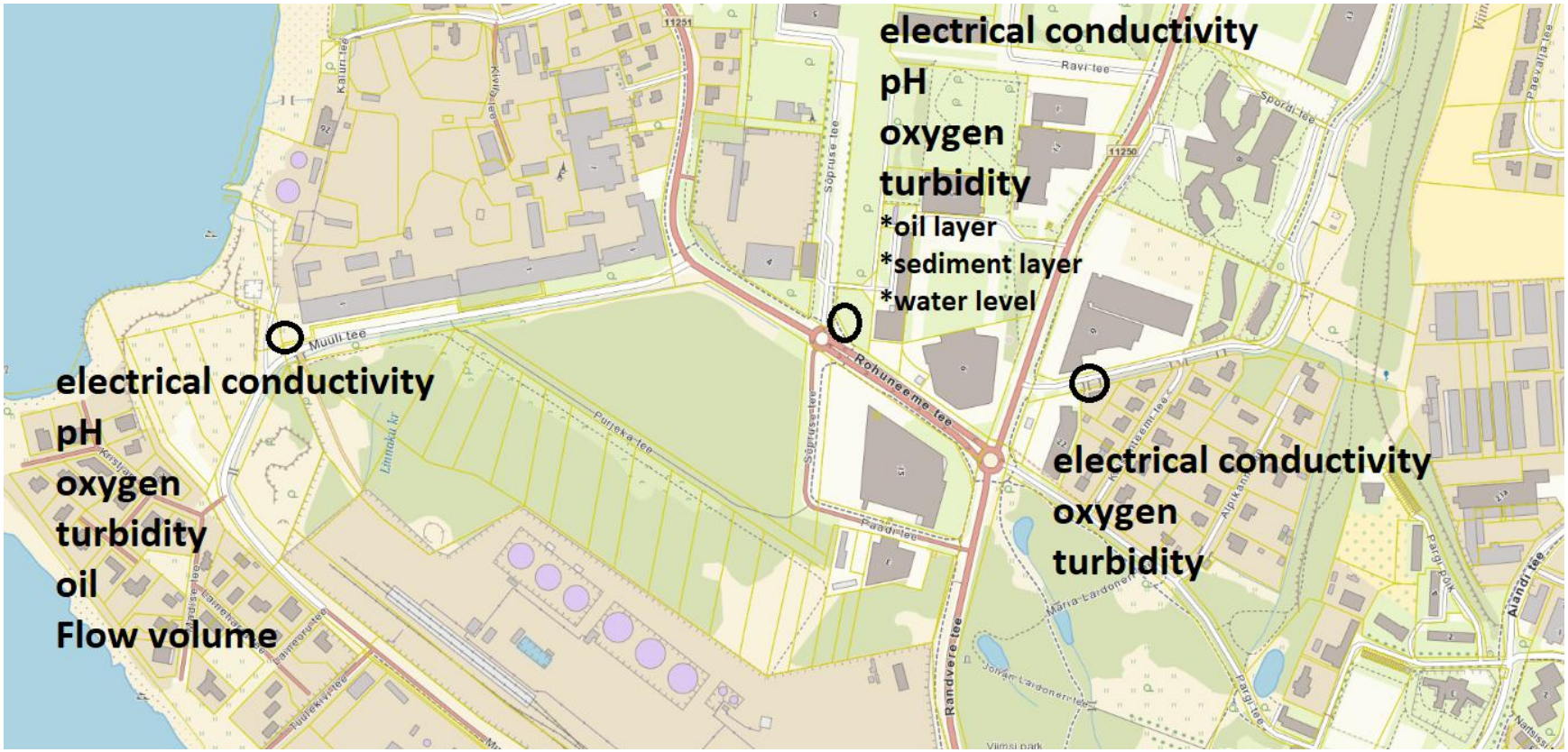
Stormwater management system



- Stormwater system map
- Weather stations
- Flowmeters
- Water quality module
- Alarms
- Equipment settings
- Alarm settings

Monitoring stations

- 4 Monitoring stations
- Substances monitored: pH, electrical conductivity, oxygen, turbidity, oil
- Oil and sand trap is equipped with oil layer, sediment layer and water level sensors
- Monitored substances were chosen taking account each sub watersheds nature



Data transmission

- Each sampling station has its own modem and electrical panel
- GPRS antenna
- Data from water quality monitoring stations is transmitted every 5 minutes
- With each transmission sensors will send it name, date of sample and value of sample
- Data is transmitted to municipalities FTP server, via API, in ASCII- format
- Data is visualized in stormwater management systems water quality module

VAAL Avaleht Taotlused Planeeringud Töökäsud Kaart Aruanded Register Otsing Admin Monitooring 9+ Ametnik Marg

Valitud mõõteseadmed

Valitud näitajad

Viimased 24 tundi

Alates

Kuni

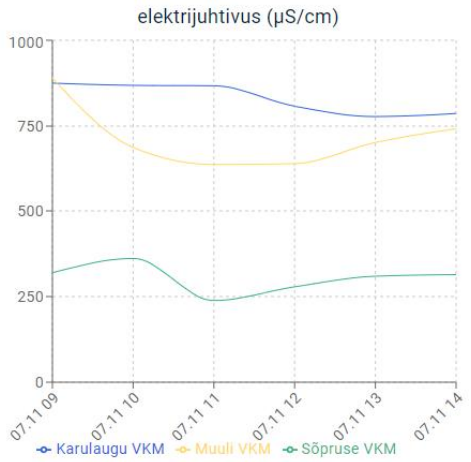
Detailsus
Tund

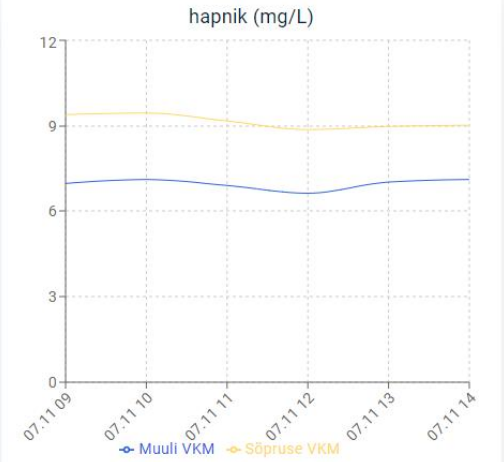
Perioodi väärtus
Keskmine

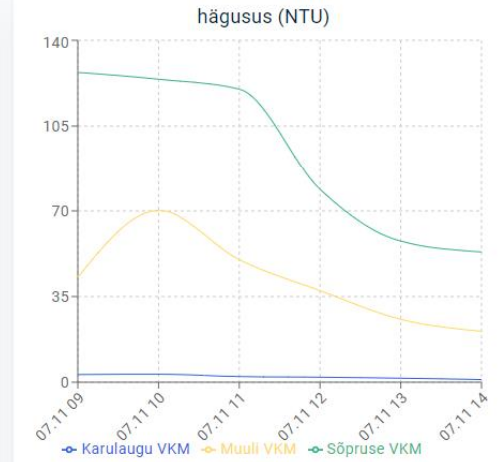
Kuvamise viis
Graafik

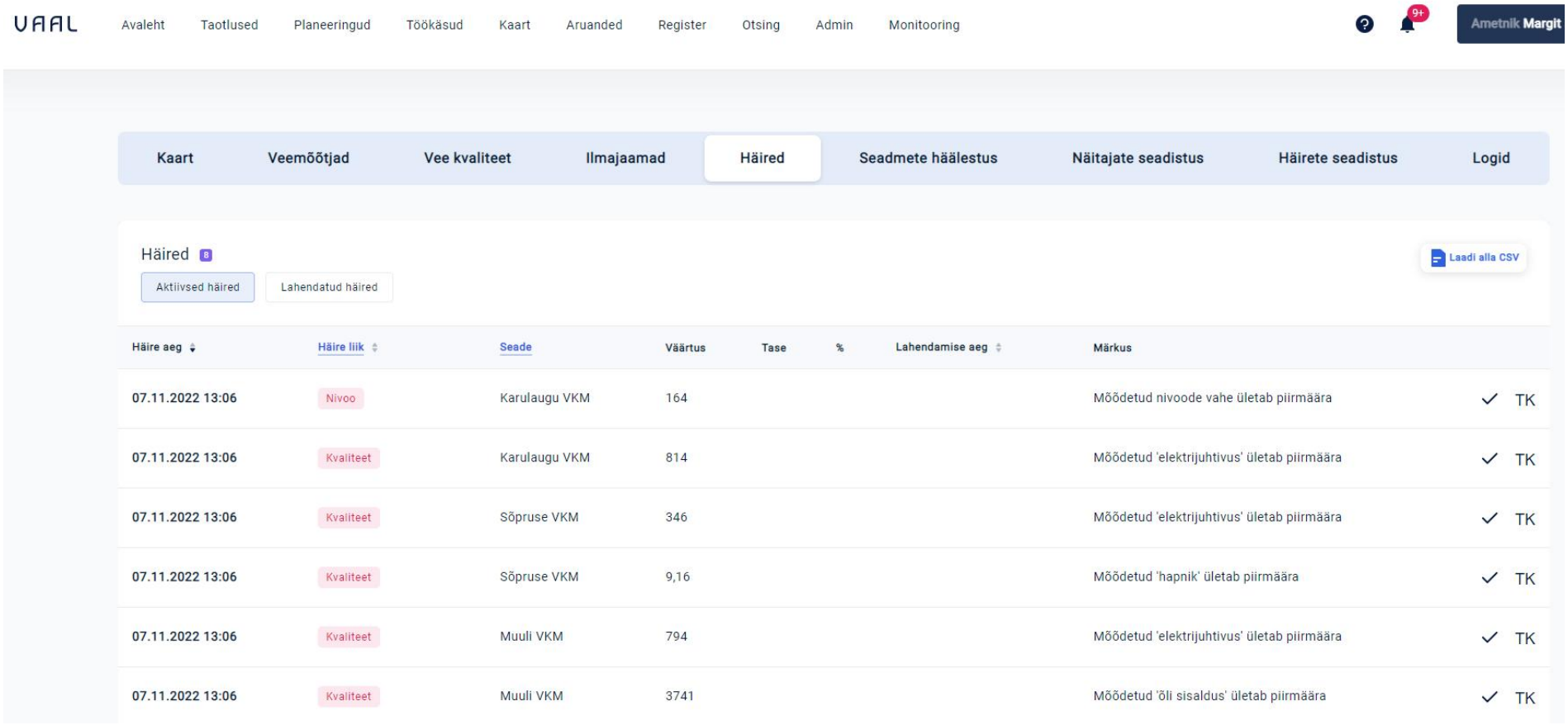
Sulge Genereeri

Kaart | Veemõõtjad | Vee kvaliteet | Ilmajaamad | Häired | Seadmete häälestus | Näitajate seadistus | Häirete seadistus | Logid








VAAL
Avaleht
Taotlused
Planeeringud
Töökäsud
Kaart
Aruanded
Register
Otsing
Admin
Monitooring
9+
Ametnik Margit
Kaart
Veemõõtjad
Vee kvaliteet
Ilmajaamad
Häired
Seadmete häälestus
Näitajate seadistus
Häirete seadistus
Logid
Häired 8
Laadi alla CSV
Aktiivsed häired
Lahendatud häired
Häire aeg
Häire liik
Seade
Väärtus
Tase
%
Lahendamise aeg
Märkus
07.11.2022 13:06 Nivoo Karulaugu VKM 164 Mõõdetud nivoode vahe ületab piirmäära TK
07.11.2022 13:06 Kvaliteet Karulaugu VKM 814 Mõõdetud 'elektrijuhtivus' ületab piirmäära TK
07.11.2022 13:06 Kvaliteet Sõpruse VKM 346 Mõõdetud 'elektrijuhtivus' ületab piirmäära TK
07.11.2022 13:06 Kvaliteet Sõpruse VKM 9,16 Mõõdetud 'hapnik' ületab piirmäära TK
07.11.2022 13:06 Kvaliteet Muuli VKM 794 Mõõdetud 'elektrijuhtivus' ületab piirmäära TK
07.11.2022 13:06 Kvaliteet Muuli VKM 3741 Mõõdetud 'õli sisaldus' ületab piirmäära TK

SIIM REINLA

https://cleanstormwater.viimsivald.ee/

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