

Põltsamaa Varahalduse OÜ

Activities in BEST project

Limited company Põltsamaa Varahalduse
Pärna 1 Põltsamaa ESTONIA

Project BEST – Better Efficiency for Industrial Sewage Treatment
#R054 BEST



General information

- Põltsamaa Varahalduse OÜ was established in 2003
- It is owned by Põltsamaa municipality (100%)
- We operate in city of Põltsamaa (22 300 PE) and in 8 smaller wastewater collection areas (180 – 1031 PE)
- Our company owns region's drinking water and wastewater treatment infrastructure
- We are member of Estonian Waterworks Association (EVEL)



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General information

- Owner of Põltsamaa MWWTP (designed capacity 26 000 PE)
- We are collecting and treating raw sludge from small WWTPs in the area (8WWTPs)



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Põltsamaa wastewater treatment plant





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be bigger than the EU
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Main clients

- There are two food industries in Põltsamaa - AS Põltsamaa Felix ja AS E-Piim Tootmine
- These companies give more than 50% of pollution loadings to Põltsamaa MWWTP
- Both companies have constructed pretreatment facilities to their territories to reduce the loading to the MWWTP

Biggest clients

- Põltsamaa Varahalduse OÜ is interested in (re)construction of new balancing tank as a part of pretreatment facility in AS E-Piim Tootmine as it helps to improve the operation and efficiency of Põltsamaa MWWTP

Activities of Põltsamaa Varahalduse OÜ in BEST project

- During the BEST project Põltsamaa Varahalduse OÜ wishes to survey heavy metal emissions in Põltsamaa wastewater collection area
- At the moment there is no information available about heavy metal concentrations in wastewater although there are two companies in the city that are active in metal industry

Expected results from BEST project

- As a result of the survey we are expecting to get a better overview of heavy metal emissions to the MWWTP and their removal efficiency during the AS process
- If it appears that our MWWTP will not be able to remove heavy metals below required limits, recommendations for process improvement and development of action plan will be needed

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