IOB Conference 2023 Mechelen

NSP Millennium Pool Gothenburg Stefan Bruns





EU Bathing water Directive 2006/7/ec

General Logbook

And the state of t

Neptun filter

Freshwater Pool

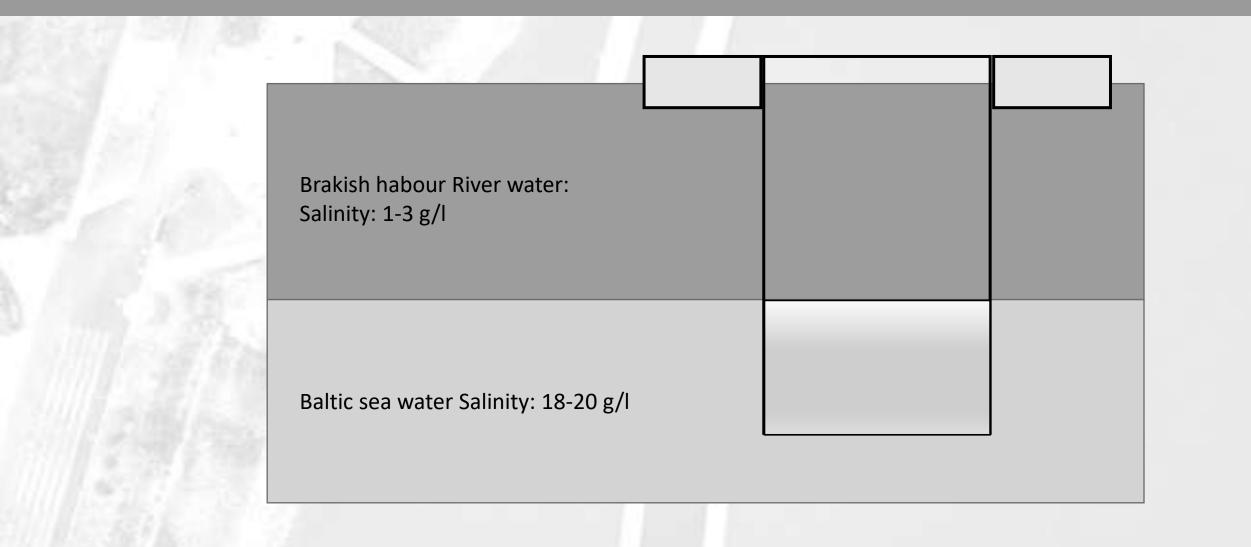
Round Pool

Long Pool

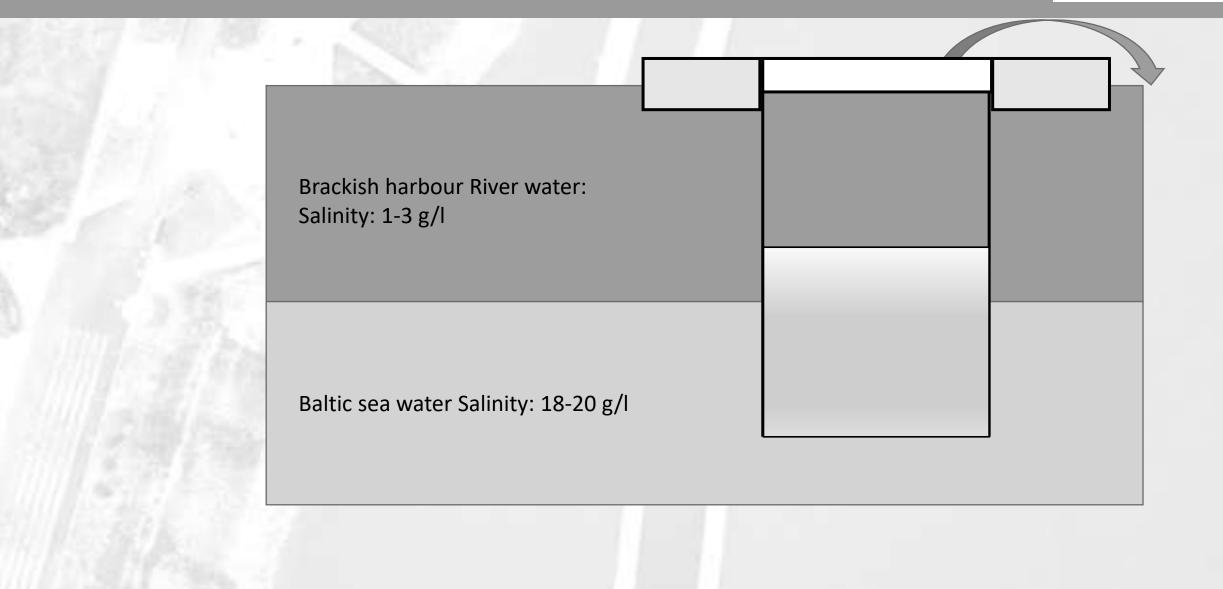
FLL Richtlinie for public pools with biological water treatment



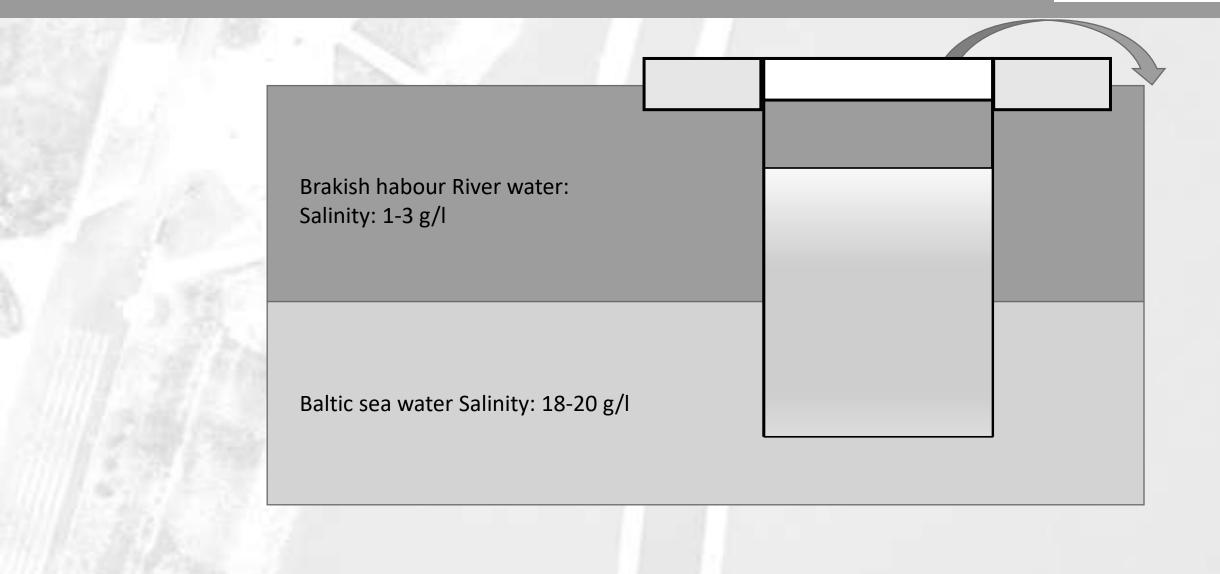




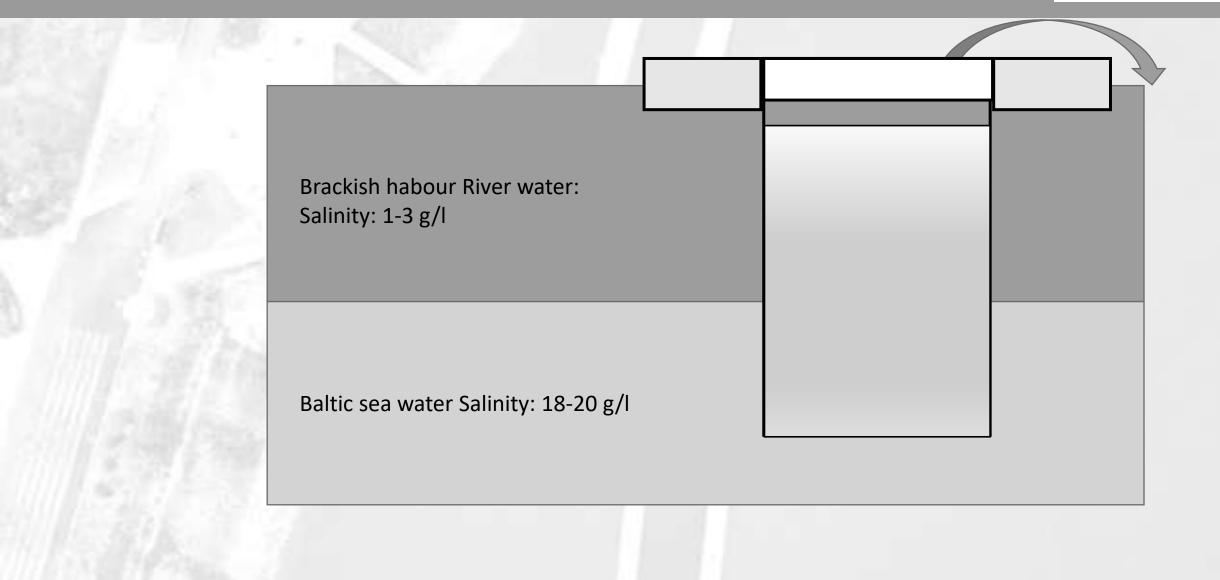




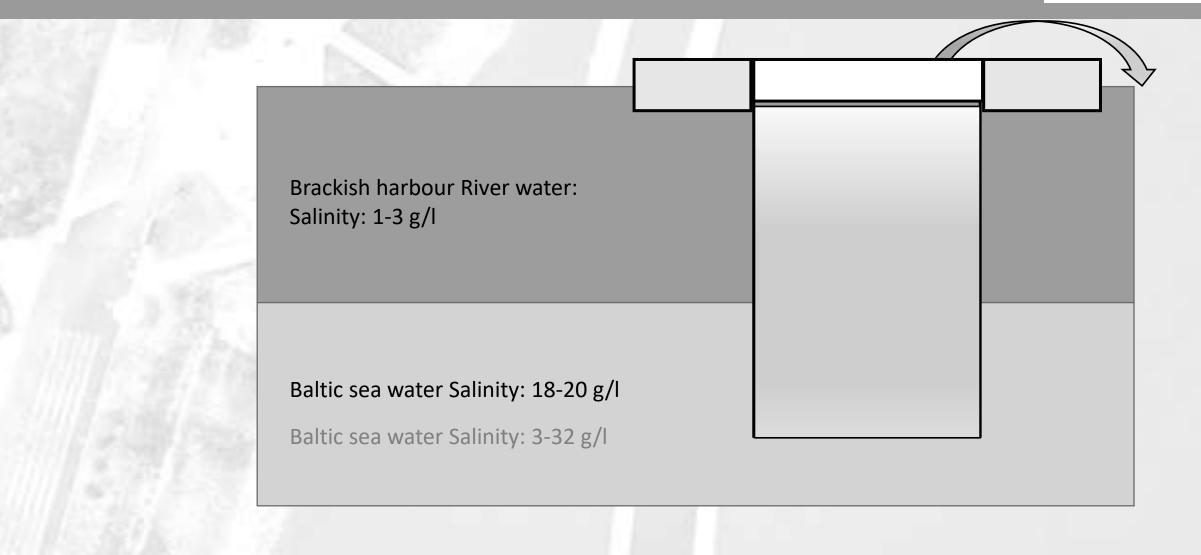






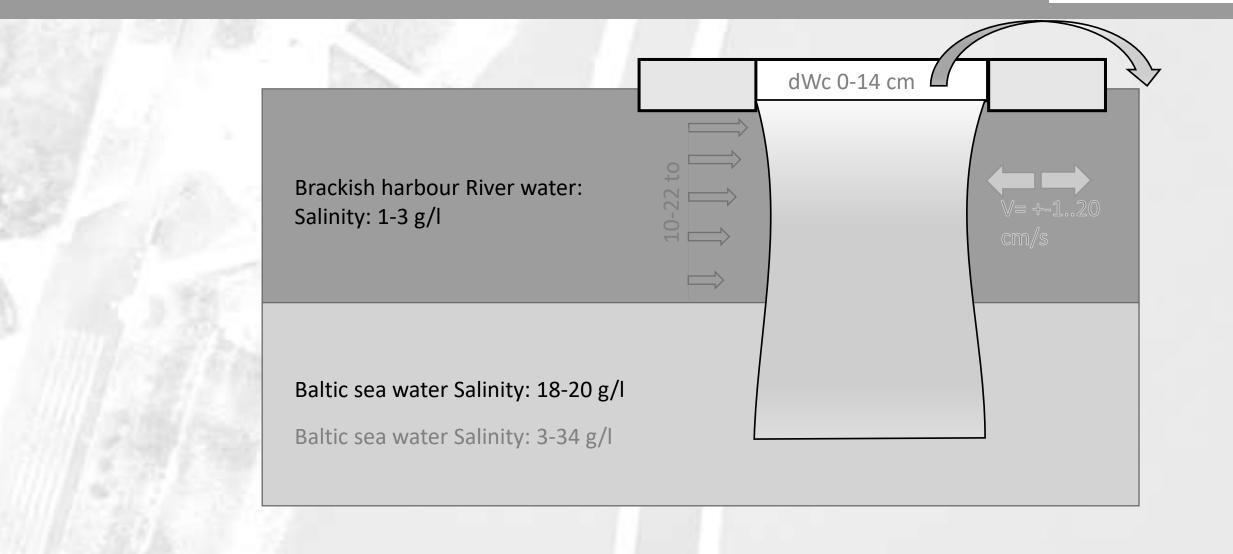






Salt water pool (stress situation)





As build



Salt water pool (construction)



Salt water pool (construction - round pool floaters)



Salt water pool (shipping – Mega pontoons (500 to)



Salt water pool (shipping and pre-stretsching – wall segments with locks)



Salt water pool (installation of wall segments)



Salt water pool (winter comming back all frequently +5.. – 15 °C)



Salt water pool (prepartion static spider element round pool)



Salt water pool (prepartion static spider element round pool)





Salt water pool (prepartion static spider element round pool)



Salt water pool (under water connections)



Salt water pool (under water connections)



Salt water pool (under water connections)



Dress code for 4 month

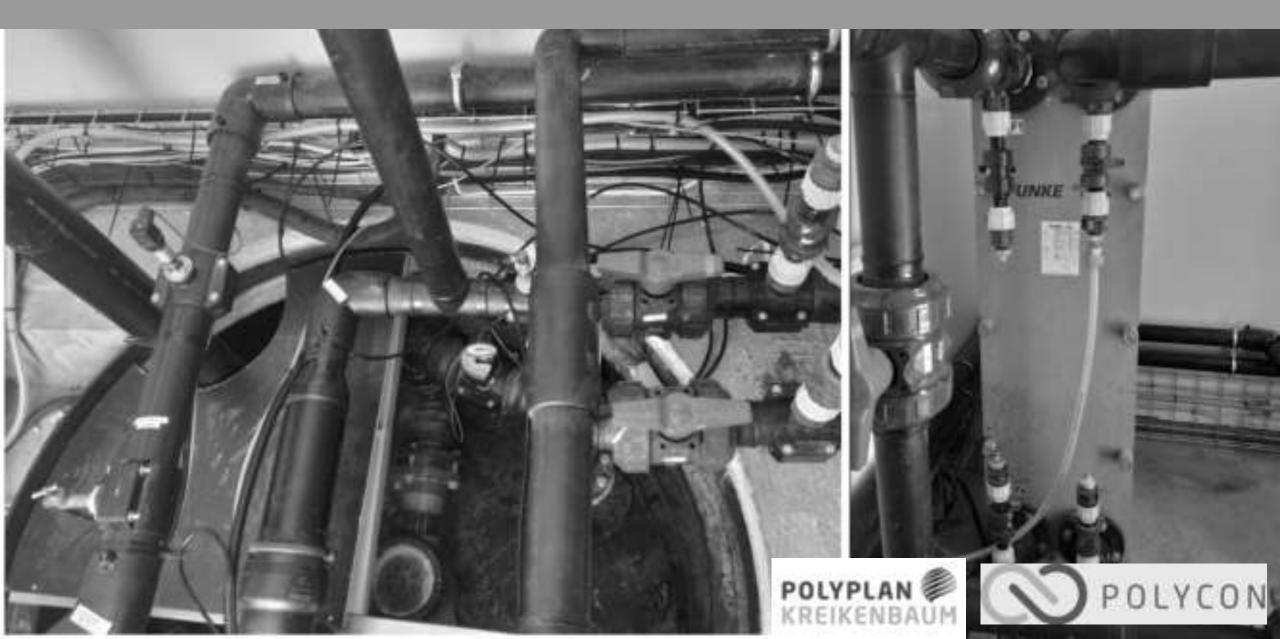




Relaxing time



Fresh water pool (technical room)



Fresh water pool (Neptun filter)



Salt water pool (opening)





Fresh water pool (opening)



Fresh water pool (opening)



Salt water pool (opening)

Salinity is rising up from bottom side 5 hours after starting



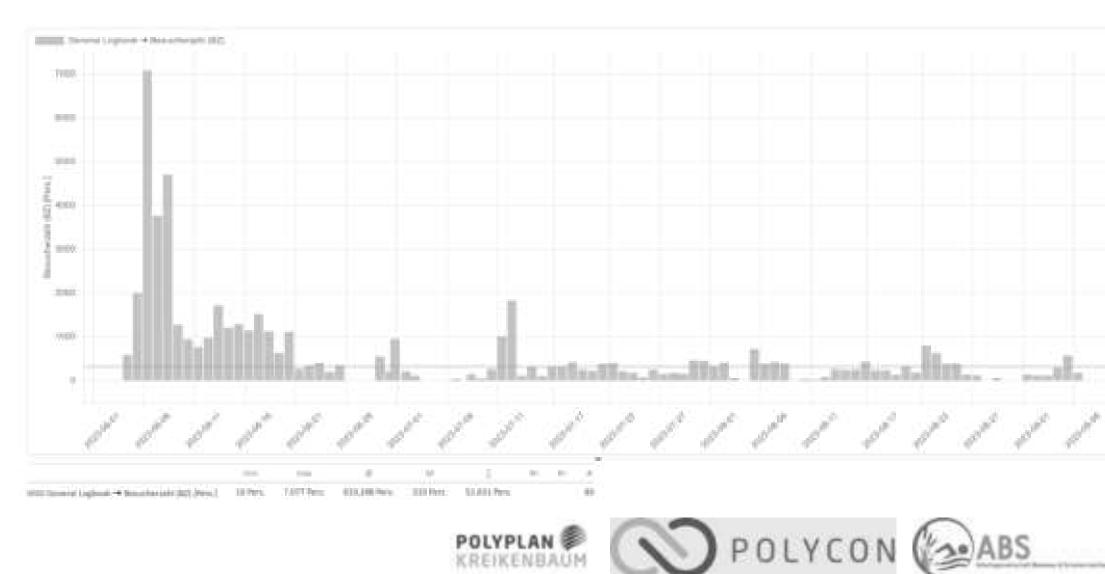
POLYCON

Salt water pool (opening)

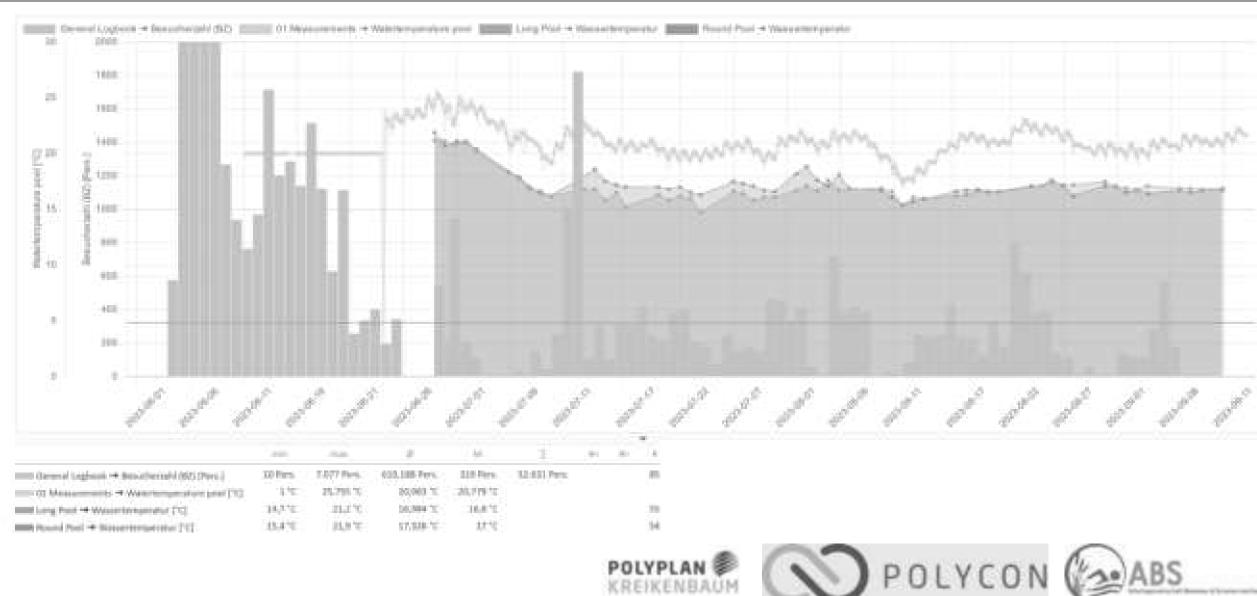


Hygienic Situation in NSP

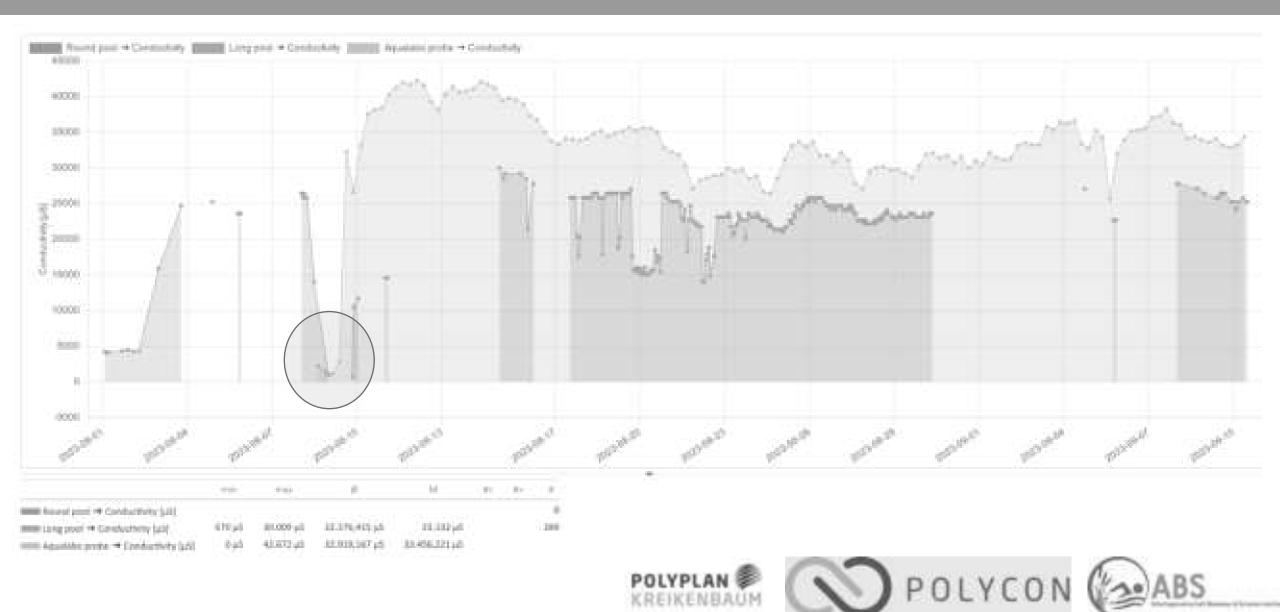


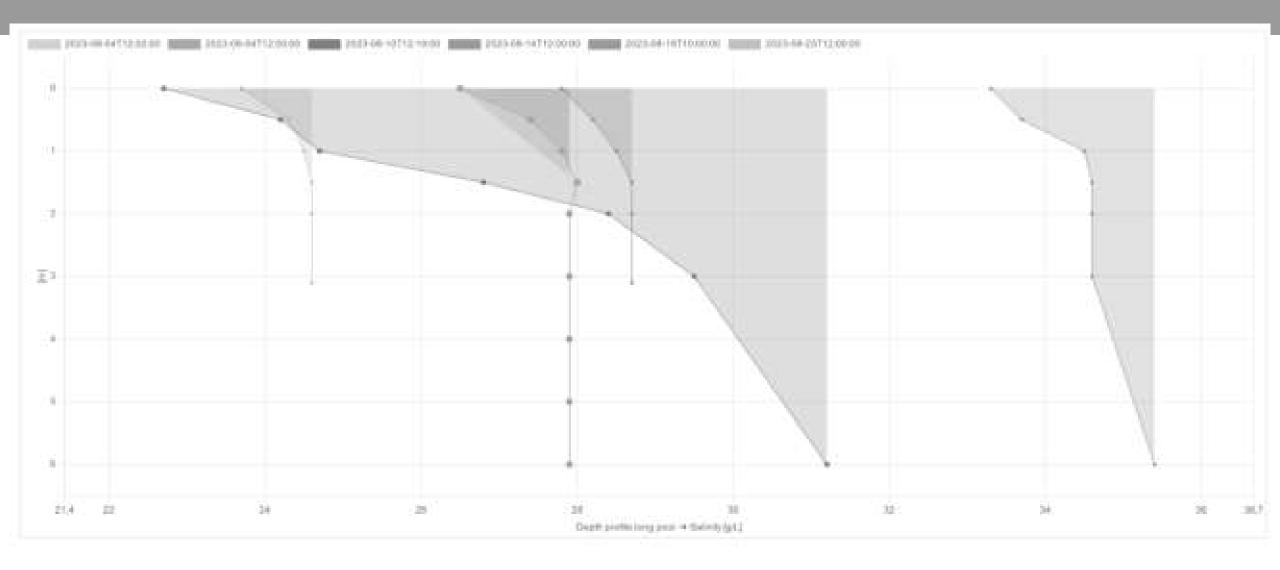








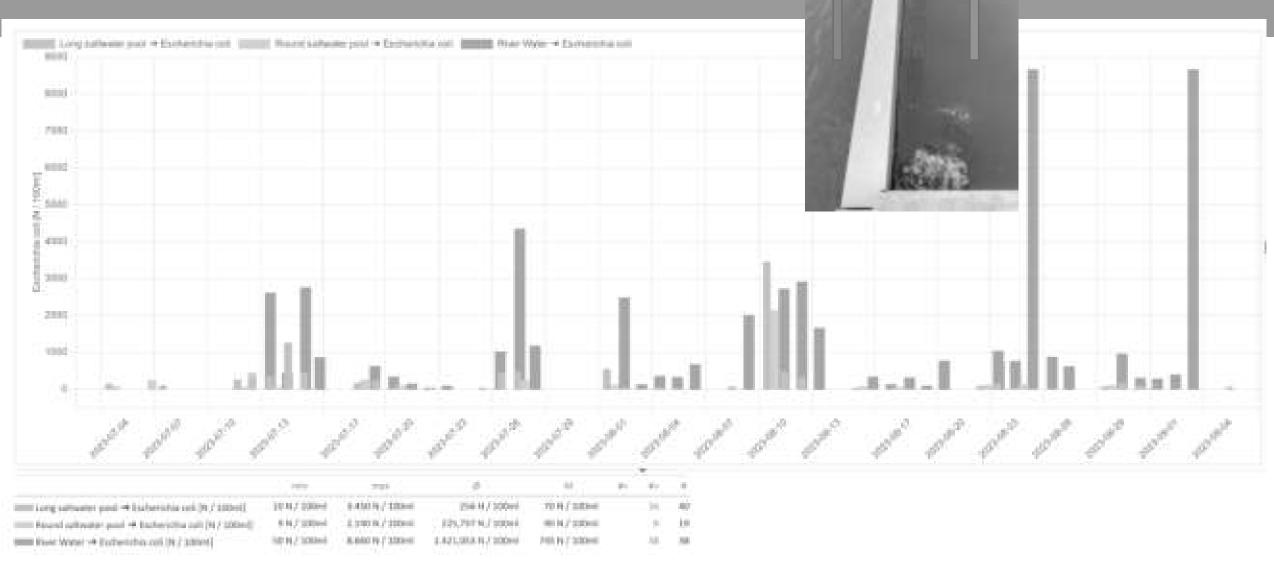






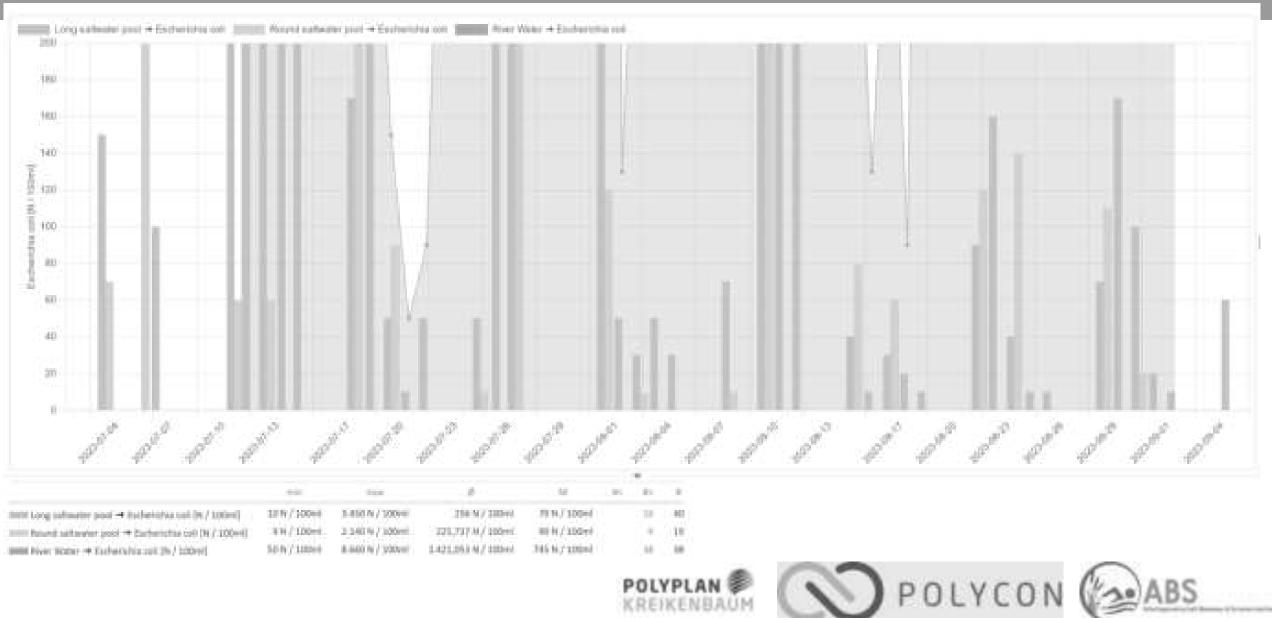


e.Coli



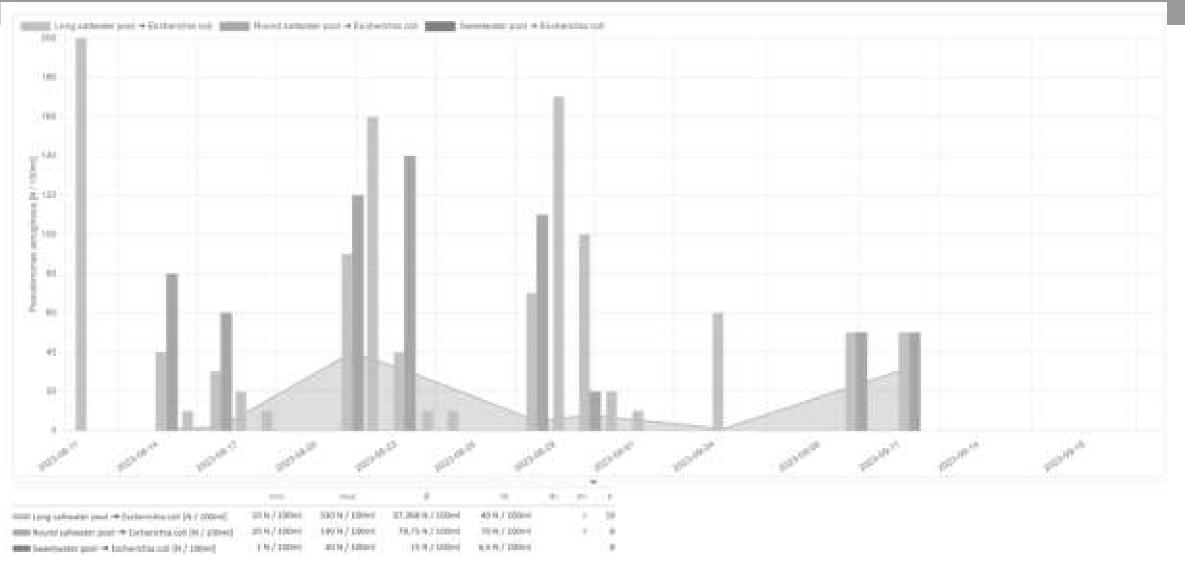


E.Coli





E.Coli



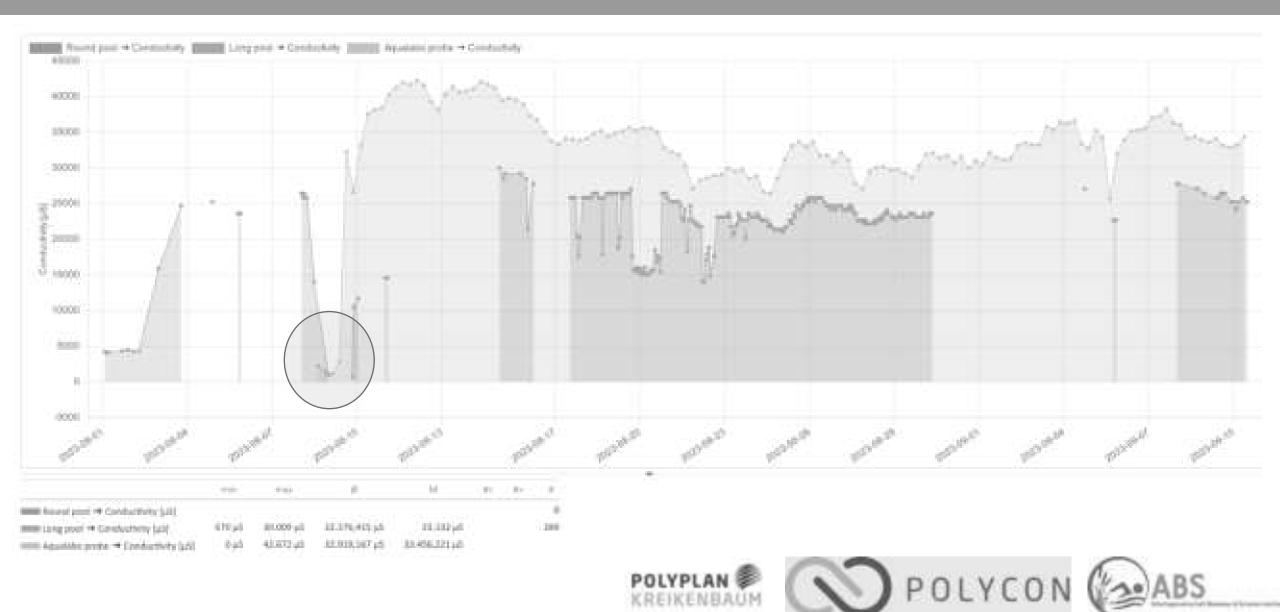




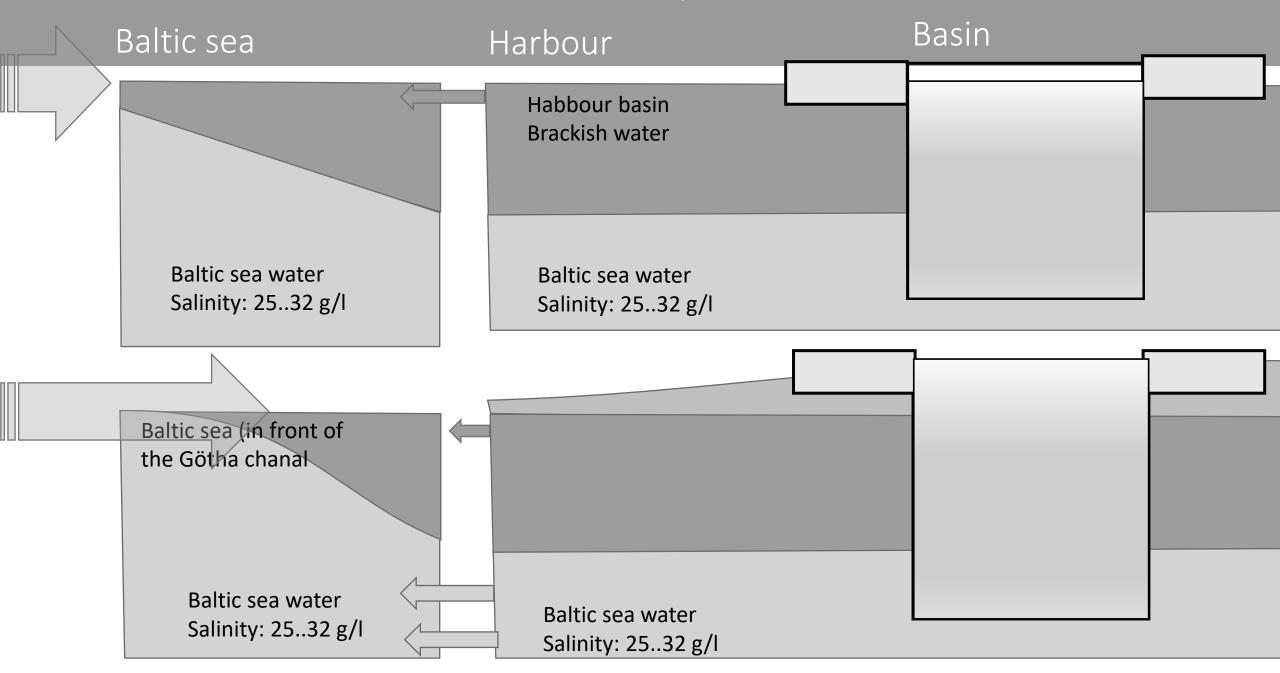
High dynamic



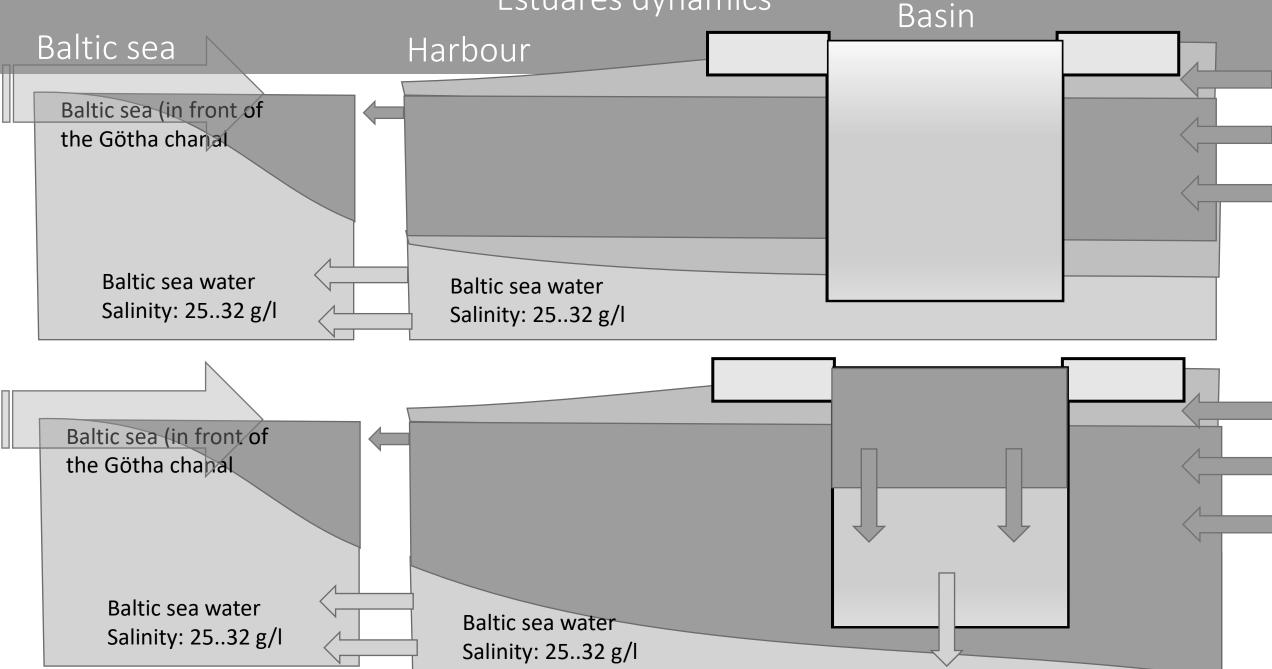
Salinity

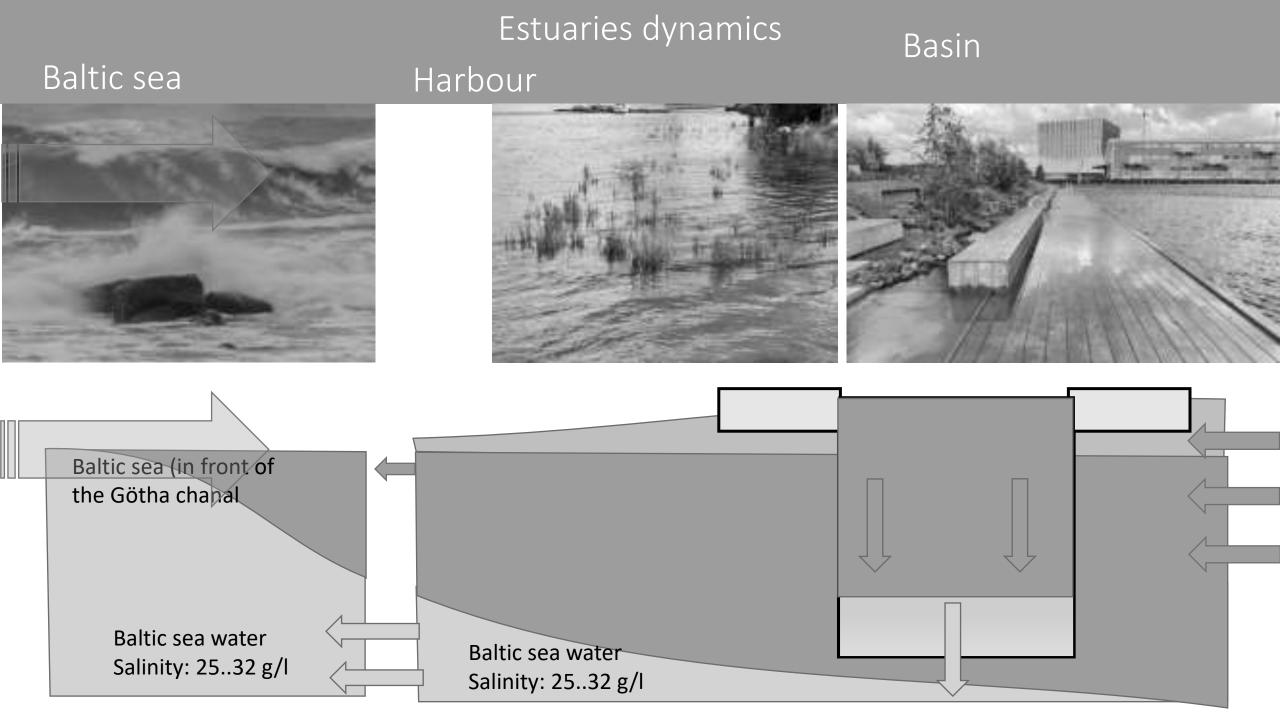


Estuares dynamics



Estuares dynamics



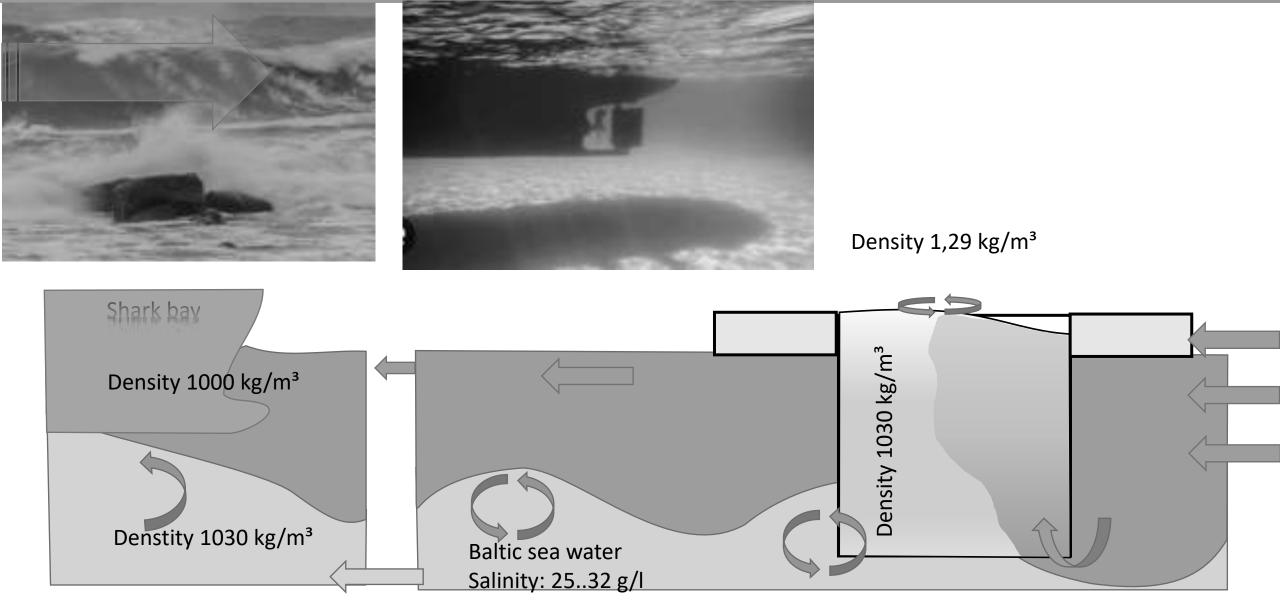


Initial waves



Ship traffic

Basin







(Gotenborg 2023)



Wale insprction

26.0

(Gotenborg 2023)



