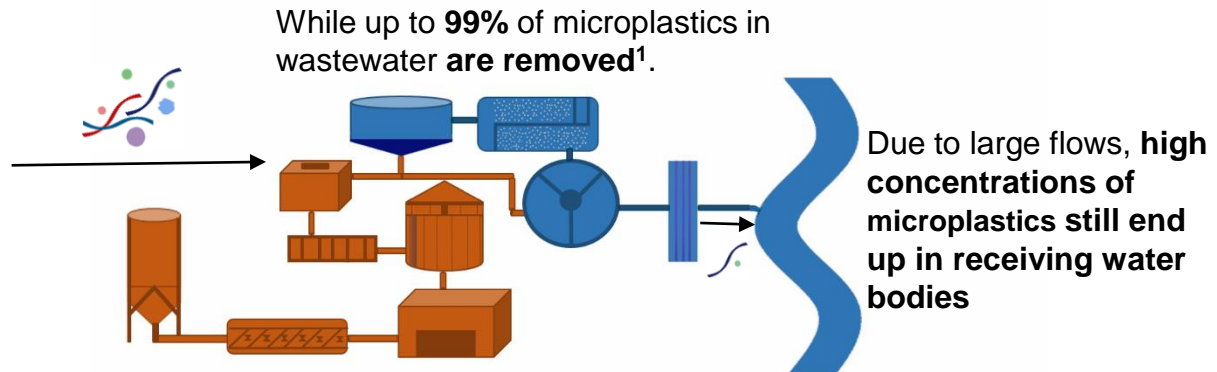


# Microplastics in Wastewater & Sewage Sludge; What's the Problem?



Microplastics can enter wastewater via washing machines, sinks, baths, industry drains and storm drains (combined sewers).



Captured microplastics end up in sewage sludge.  $1^2 - 169,000^3$  MPs/g



Microplastics in sewage sludge are then deposited on land. **Is this a problem?**



Primary Microplastics	Secondary Microplastics

Blue arrow indicates the flow from primary to secondary microplastics.

**References**

1. Lares, et al., (2018).
2. Carr et al., (2016).
3. Hansen & Vollertsen (2017)