

Electronic Supplementary Information

Fate of microplastics and other small anthropogenic litter (SAL) in wastewater treatment plants depends on unit processes employed

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Size Class Distribution

During sample sieving, most data from each of the sieve size fractions were combined with the exception of Northfield WWTP fall sampling, whose size class distribution was recorded (Figure S1). This distribution was used to calculate the weighted arithmetic mean length of plastic leaving a treatment plant—a value used to finally estimate the mass of plastic fibers leaving the Detroit plant.

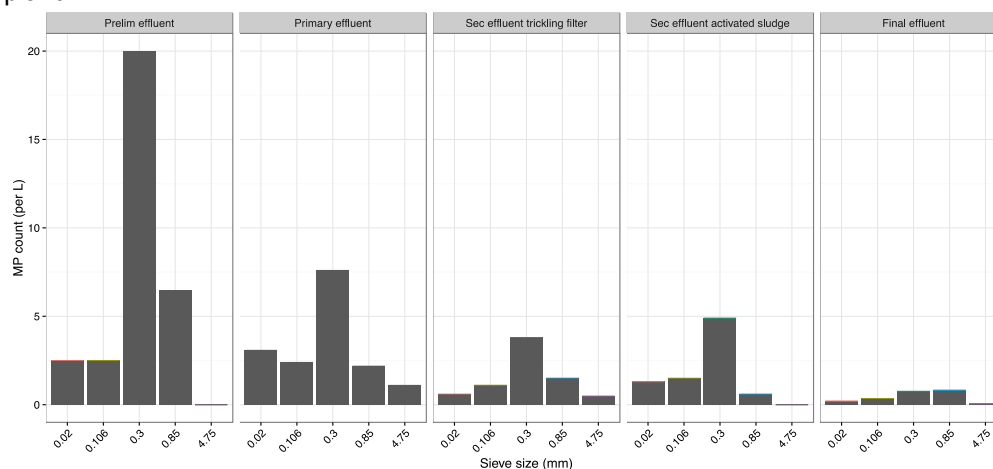


Figure S1. Comparison of MP size class distribution across the five unit processes at the Northfield WWTP in fall (19 October 2015).

Raw Data, Code for Figures, and Calculations

All raw count data, R code for figures and calculations are made freely available in the following github repository: https://github.com/ecogenomix/WWTP_MPs_study_Michielssen_et_al.

Further, the code and calculations are available at the following URL (source html file is also available in the github repository): http://www-personal.umich.edu/~duhaimem/Rpubs_code/WWTP_MPs_study_Michielssen_et_al.html