

STUDIES EQUIPMENTS AND SAMPLING SITE

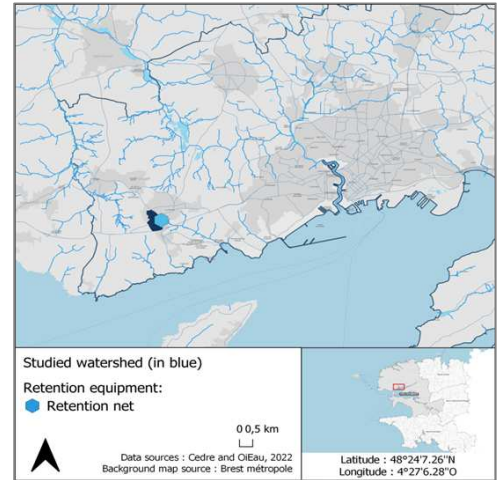
Retention net, manufactured and installed by Pollustock in 2020, exiting the rainwater network. The net intercept litter transiting to the Kerhoulo watercourse which flows on the beach of Sainte-Anne du Portzic in the metropole of Brest.

Dimensions : Length of 2 m ; 2.5 cm mesh size ; maximum retention capacity of 3.3 m³.

Maintenance : Crane truck for lifting ; truck tray for transporting samples ; lifting time of 1 hour.

Adaptations made during the project :

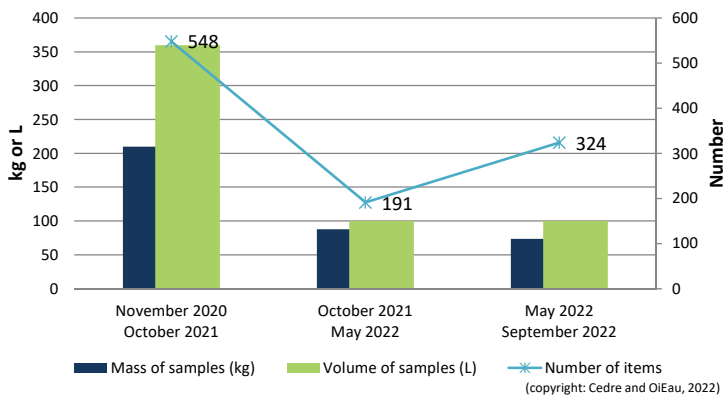
None



ABUNDANCE OF LITTER INTERCEPTED

Data collected between April 2021 and September 2022

Temporal evolution of abundance



Total abundance and fluxes

Total mass collected = 384 kg

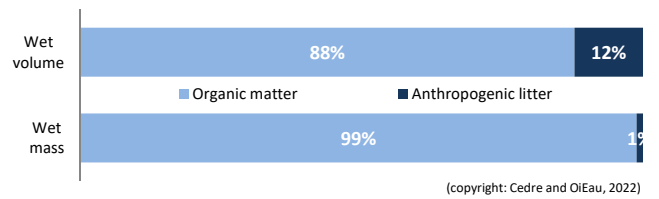
Total volume collected = 560 L

Total number of items collected = 1,063

Estimated average flux = 730 ± 217 items/year

Estimated average flux = 2.3 ± 1.1 kg/year

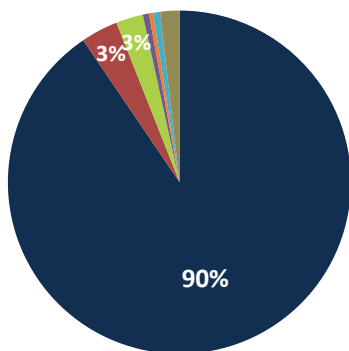
Proportion of anthropogenic litter in samples



LITTER TYPES INTERCEPTED

Data provided as a percentage of the total number of litter items sampled

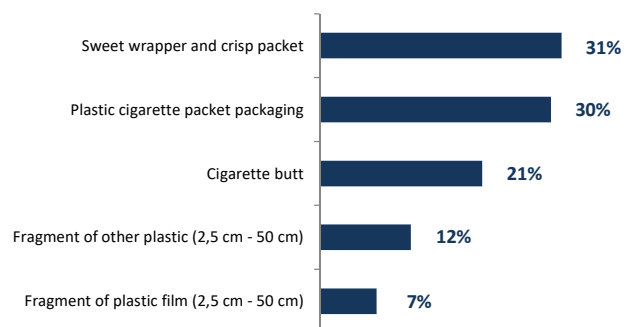
Composition of litter types intercepted



- Plastic
- Rubber
- Metal
- Glass
- Clothe/textile
- Cardboard/Paper
- Wood

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TOP 5 litter types intercepted



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Cedre and OiEau conducted a study, funded by the European Union and Brest metropole as part of the Interreg Channel project, aiming at determining types and sources of litter found on the coast and in retention equipments on the territory of the metropole. Litter collected from the study equipments and collected on the coast was sorted and then characterised. The analyses synthesised in this fact sheet were carried out by Cedre, with the support of OiEau, on samples collected between April 2021 and September 2022.