RETENTION NET storm drain inlet	LITTER CHARACTERISATION ON BREST METROPOLE TERRITORY PORT DE COMMERCE WATERSHED	2021-2022

STUDIES EQUIPMENTS AND SAMPLING SITE

Retention net, manufactured and installed by Pollustock in 2020, in an storm drain inlets (n°15293). The net intercepts waste passing through part of the commercial port district, in the metropole of Brest.

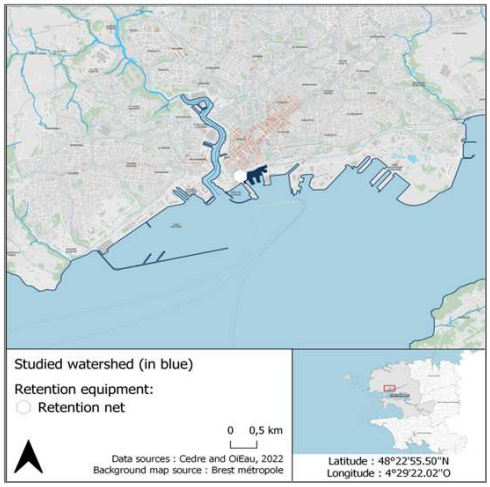
Dimensions : Length of 1 m ; mesh size of 0.5 cm ; maximum retention capacity of 0.8 m³.

Maintenance : Descent into the manhole ; certificate to work in confined areas ; gas detector ; lifting time of 45 minutes.

Adaptations made during the project :

None

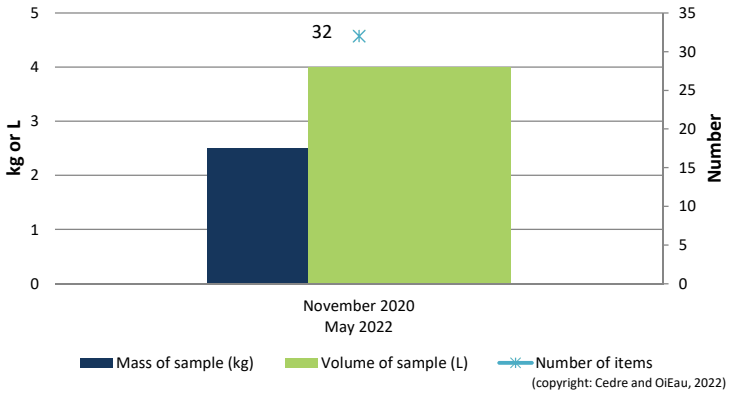
Results to be considered with caution as only one sample



ABUNDANCE OF LITTER INTERCEPTED

Data collected between April 2021 and September 2022

Temporal evolution of abundance



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Total abundance and fluxes

Total mass collected = **3 kg**

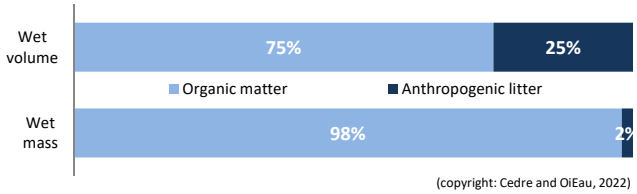
Total volume collected = **4 L**

Total number of items collected = **32**

Estimated average flux = 21 items/year

Estimated average flux = 0.03 kg/year

Proportion of anthropogenic litter in samples



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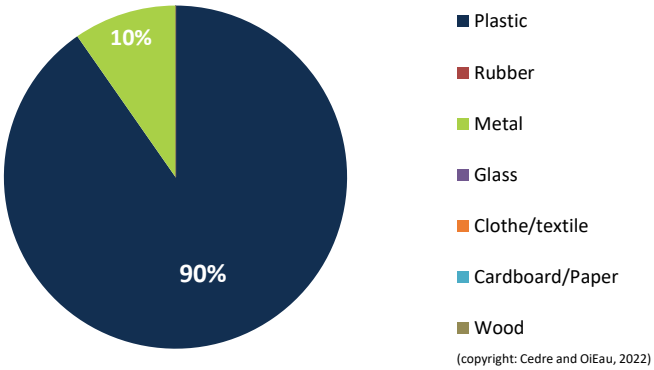
LITTER TYPES INTERCEPTED

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

Composition of litter types intercepted



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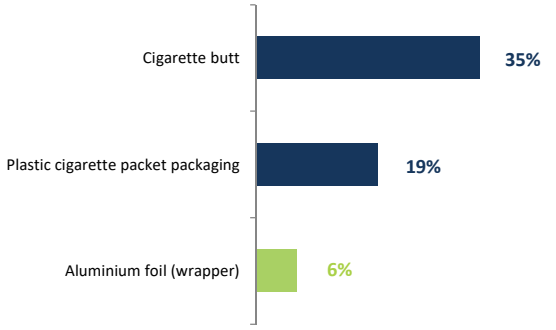
TOP 5 litter types intercepted



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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.

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