Report for the monitoring of progress against the beach litter target under the NEAES Operational Objective S4.O4 (70% reduction in beach litter total count by 2030)

Assessment of reductions in beach litter total count at the end of 2023 compared to 2015-2016 baseline values

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Authors: Silvère André (France), Marcus Schulz (Germany), Jakob Strand (Denmark), Willem van Loon (Netherlands), Dennis Walvoort (Netherlands), Jon Barry (United Kingdom) and Camille Lacroix (France).

Supported by: OSPAR Beach litter expert group, ICG-ML and OSPAR secretariat.

Key messages

The OSPAR Beach litter expert group is tasked to provide supporting analysis to enable monitoring progress against the total count beach litter target under the NEAES operational objective S4.O4: "By 2030, OSPAR will reduce by at least 70% the prevalence of all marine litter on beaches, as assessed at the OSPAR area level". The baseline years to consider are 2015 and 2016, in order to be consistent with Marine Strategy Framework Directive (MSFD) baselines and the baseline years adopted for the targets under NEAES objective S4.O3 on single-use and maritime-related plastic items. Similarly to the targets under NEAES objective S4.O3, the S4.O4 target applies at the level of the OSPAR Maritime Area. The target does not apply at the level of specific OSPAR regions or individual Contracting Parties but assessements are provided at the level of each OSPAR region as supplementary information.

The present report provides an assessment of the progress towards the achievement of the total count beach litter target under the NEAES operational objective S4.O4 at the end of 2023, compared to the 2016 baseline. It includes (i) a presentation of the methodology developed to perform the analysis, (ii) an assessment of the progress against the target at the end of 2023, based on 2022-2023 data, compared to the 2015-2016 data used for the baseline calculation, at the OSPAR Maritime Area and region levels. For information, results obtained from the previous assessment, at the end of 2021, based on 2020-2021 data (André et al., 2023), are also presented. It should be noted that following discussion at ICG-ML(1) 2024, efforts were made in this report to allow inclusion of data from Arctic survey sites with lower data availability in order to provide assessment in the Arctic Waters region. It should also be noted that data from Madeira archipelago survey sites is included in the present study in order to allow a more reliable assessment of the Wider Atlantic region.

Overall and as synthesised in the Table below, results obtained show that at the end of 2023, reductions in beach litter total count are observed at the OSPAR Maritime Area level and in four OSPAR regions (Arctic Waters, Greater North Sea, Bay of Biscay and Iberian Coast and Wider Atlantic). However, one region (Celtic Seas) stopped its progress and exhibits an increase compared to baseline values (BV) and one region (Wider

Atlantic) that achieved the objective in 2021, does not achieve it anymore. The result obtained for the Wider Atlantic region could be explained by the recent inclusion of Madeira archipelago's survey sites that were not considered in previous analyses including in the baseline calculation.

Table 1 Assessment of progress towards the NEAES S4.O4 2030 target achievement (70% reduction in beach litter total count) for the OSPAR Maritime Area and the five OSPAR regions at the end of 2023 (including results obtained at the end of 2021, André et al., 2023), compared to 2015-2016 baseline values (BV). The values of the trends are indicated in brackets.

	Progress towards NEAES S4.O4 2030 target achievement (70% reduction compared to 2015-2016 BV)	
	Beach litter total count	
	2020-2021	**2022-2023**
OSPAR Maritime Area	*Decreasing (Reduction of 26.3% compared to BV)*	**Decreasing** *(Reduction of 18.2% compared to BV)*
Arctic Waters (AW)	*Decreasing (Reduction of 26.3% compared to BV)*	**Decreasing** *(Reduction of 57.6% compared to BV)*
Greater North Sea (GNS)	*Increasing (Increase of 23.9% compared to BV)*	**Decreasing** *(Reduction of 11.0% compared to BV)*
Celtic Seas (CS)	*Decreasing (Reduction of 15.0% compared to BV)*	**Increasing** *(Increase of 5.8% compared to BV)*
Bay of Biscay and Iberian Coast (BBIC)	*Decreasing (Reduction of 27.8% compared to BV)*	**Decreasing** *(Reduction of 31.0% compared to BV)*
Wider Atlantic (WA)	*Target achieved (Reduction of 71.8% compared to BV)*	**Decreasing** *(Reduction of 10.2% compared to BV)*

As for the Operational Objective S4.O3 assessment, the proposed assessment is based on simple and established calculation methods of beach litter level that have already been used (European Commission et al., 2024). Possible methodological developments could be made in 2025 for the evaluation of the stability of the results through consecutive two-year periods, in particular to confirm the achievement of the objectives.

Introduction

Under its North-east Atlantic Environment Strategy (NEAES) 2020-2030, OSPAR has the Strategic Objective to *"prevent inputs of and significantly reduce marine litter, including microplastics, to reach levels that do not cause adverse effects to the marine and coastal environment with the ultimate aim of eliminating inputs of litter"* (Strategic Objective 4).

One of the indicators currently used at OSPAR level to assess marine litter pollution is the "Abundance, composition and trends of marine litter washed ashore and/or deposited on coastlines, including analysis of its spatial distribution and, where possible, sources", referred to as "beach litter". The indicator, also used in the EU Marine Strategy Framework Directive (MSFD), reflects spatial differences and temporal changes in abundance, composition and sources of marine litter in the coastal environment and is used as a proxy for litter pollution in the OSPAR marine environment.

To reach its strategy, OSPAR had the operational objective "to develop, by 2023, additional regionally coordinated quantitative reduction targets for all marine litter on beaches, and as soon as possible for other relevant environmental compartments, taking account of relevant regional and EU threshold values" (Operational Objective S4.O4).

A threshold value has been defined at the EU level: 20 items/100 m on beach. The same TV has been adopted at OSPAR. The aim of the task conducted under the objective S4.O4 is to define a target at the OSPAR level to progress towards this threshold.

Reduction targets have already been adopted under the operational objective S4.O3 for single-use plastics (SUP) and maritime-related plastic items. These reductions targets have been defined based on a statistical method to forecast beach litter reductions achievable in the OSPAR area, developed by Walvoort et al. (2021) and calculations performed by the OSPAR Beach Litter Expert Group (BLEG) of the Intersessional Correspondence Group on Marine Litter (ICG-ML), using OSPAR beach litter monitoring data.

In the context of the Operational Objective S4.O4, there was much discussion at EIHA(2) 2023 and in ICG-ML on an appropriate ambition level for an overall beach litter target which would supplement the existing target on single-use plastics and maritime-related plastic items as set out in operational objective S4.O3. The supporting analysis provided by the OSPAR BLEG forecasted reduction percentages at the OSPAR area level of -54% in 2025 and -70% in 2030 assuming that measures are continued or even expanded (André et al., 2023).

In 2024, EIHA established a reduction target of 70% for all marine litter items as applied to the whole of the OSPAR Maritime Area, to be achieved by 2030. The wording of the total count beach litter target under NEAES objective S4.O4 is "By 2030, OSPAR will reduce by at least 70% the prevalence of all marine litter on beaches, as assessed at the OSPAR area level."

The BLEG is tasked to provide supporting analysis to enable monitoring progress against the total count beach litter target under the NEAES operational objective S4.O4. The baseline years to consider are 2015 and 2016, in order to be consistent with Marine Strategy Framework Directive (MSFD) baselines and the baseline adopted for the targets under NEAES objective S4.O3 on single-use and maritime-related plastic items. Similarly to the targets under NEAES objective S4.O3, the S4.O4 target applies at the level of the OSPAR Maritime Area. The target does not apply at the level of specific OSPAR regions or individual Contracting Parties but assessements are provided at the level of each OSPAR region as supplementary information.

The present report provides an assessment of the progress towards the achievement of the total count beach litter target under the NEAES operational objective S4.O4 at the end of 2023, compared to the 2016

baseline. It includes (i) a presentation of the methodology developed to perform the analysis, (ii) an assessment of the progress against the target at the end of 2023, based on 2022-2023 data, compared to the 2015-2016 data used for the baseline calculation, at the OSPAR Maritime Area and region levels. For information, results obtained from the previous assessment, at the end of 2021, based on 2020-2021 data (André et al., 2021), are also presented.

It should be noted that following discussion at ICG-ML(1) 2024, efforts were made in this report to allow inclusion of data from Arctic survey sites with lower data availability in order to provide assessment in the Arctic Waters region. It should also be noted that data from Madeira archipelago survey sites is included in the present study in order to allow a more reliable assessment of the Wider Atlantic region.

Method

Sites and surveys

The present report involves the monitoring sites of the OSPAR Beach Litter Monitoring Programme that are located on the North-East Atlantic coasts of Denmark (including beaches in East Greenland and Faeroe islands), France, Germany, Ireland, the Netherlands, Norway, Portugal, Spain, Sweden and the United Kingdom. The map of the monitoring sites included in the OSPAR area is available online at the following link: https://beachlitter.ospar.org/map

The surveys are carried out according to OSPAR's Coordinated Environmental Monitoring Programme (CEMP) guidelines for marine monitoring and assessment of beach litter (OSPAR, 2020). Collected data are reported in the OSPAR Beach Litter Database.

A detailed list of sites and surveys used in the present report is presented in Annex 1. Survey sites used are selected according to defined criteria, based on data availability, described in following sections. However, it should be noted that in the present report, efforts were made to allow inclusion of data from Arctic survey sites with lower data availability in order to provide assessment in the Arctic Waters region.

It should also be noted that data from Madeira archipelago's survey sites is included in the present study in order to allow a more reliable assessment of the Wider Atlantic region. This led to an increase in the number of survey sites for the Wider Atlantic region, with recently added survey sites that were not considered in previous analyses including in the baseline calculation.

Litter sampling and classification

Sampling and identification

According to the Beach litter CEMP guidelines, at each survey site, all litter items are recorded four times a year using the OSPAR beach litter monitoring protocol. However, due to various limitations, not all monitoring sites are surveyed as regularly as this. In addition, some sites can be added during the year to the monitoring programme and surveys on other sites can be discontinued.

In the first OSPAR beach litter monitoring guidelines (OSPAR, 2010), during each survey, the number of individual pieces of litter was recorded and allocated to one of the 112 predefined litter types, identified with a unique OSPAR identification number (ID), which are detailed in the OSPAR beach litter survey list, version 2010.010. The list of litter types and associated identification numbers have been updated in 2020 and contains now 128 litter types. This new reference list is available in the Beach litter CEMP guidelines

(OSPAR, 2020). The two versions of the list of litter types are shown in Annex 2, with the correspondence in identification codes between the versions.

In the new reference list being implemented from 2021, but not simultaneously on all the sites, survey data can be found in one or the other format (versions 2010.010 and CEMP 2020) in the OSPAR database over the 2022-2023 period. Therefore, in the calculations, when both formats are found, data in the CEMP 2020 format are converted back to the 2010.010 format.

List of litter items considered

The total amount of beach litter items collected per survey includes all the litter types of the reference lists, except the plastic and foamed polystyrene fragments smaller than 2.5 cm. These litter types have the OSPAR ID 117 (version 2010.010, "plastic / polystyrene pieces 0 – 2.5 cm") and OSPAR ID 1171 and 1172 (version CEMP 2020, "plastic fragments 0.5 – 2.5 cm" and "foamed polystyrene fragments 0.5 – 2.5 cm" respectively).

Calculation methods

Calculation of 2015-2016 baselines

The baselines represent the initial status considered to determine the reductions. According to EIHA 24/05/05, the baseline years to consider are 2015 and 2016, in order to be consistent with the MSFD beach litter baselines report (Hanke et al., 2019) and the baseline period used for the reduction target in NEAES objective S4.O3.

The spatial aggregation of litter data is also based on the MSFD beach litter baselines report (Hanke et al., 2019) and uses the country-subdivisions (e.g. Celtic Seas – United Kingdom) of the OSPAR regions as an intermediate step. The baselines of beach litter total count (TC) at OSPAR region level are obtained by calculating the median of the medians of TC obtained for each country-subregion over the period 2015-2016. The baseline of TC at OSPAR Maritime Area level is obtained by calculating the median of the TC medians obtained for each OSPAR region.

In addition, a site selection is applied in order to select only those monitoring sites providing sufficient surveys. The minimum number of surveys per OSPAR country-subregion, to have 80% power in a reduction assessment, is derived from Schulz et al. (2019). To be selected, the monitoring sites must present at least six surveys over the two-year period, with at least three surveys per year. Monitoring sites and surveys used for baseline calculations are detailed in Annex 1.

Exception 1 for Arctic Waters: The monitoring conducted in the Arctic Waters region faced difficult environmental conditions, leading to fewer surveys than in other regions. In order to provide assessment for this region despite the lower number of surveys, no selection criteria were applied, and all surveys were taken into account to calculate the 2015-2016 baseline for this region.

Exception 2 for Wider Atlantic: As monitoring started in 2016 in the Wider Atlantic region, none of the survey sites meets the selection criteria. In order to provide assessment for this region despite the lower number of surveys, no selection criteria were applied, and all surveys were taken into account to calculate the 2015-2016 baseline for this region.

Calculation of two-year status

The current statuses of TC are assessed over the most recent two-year period (2022-2023), as it is proposed for the objective S4.O3. As expressed in the previous progress report (André et al., 2023), a two-year period

is a good compromise between the robustness of a three-year period similar to what has been used to assess the beach litter status in the beach litter assessment of the OSPAR Beach litter Quality Status Report 2023 and the representativeness of the current status of a one-year period.

As done for the baselines, statuses are calculated for each of the five OSPAR regions by aggregating country-subregions medians. Statuses of TC at OSPAR region level are obtained by calculating the median of the medians of TC obtained for each country-subregion over the period 2022-2023. Finally, TC status at the OSPAR Maritime Area level is obtained by calculating the median of the TC medians obtained for each OSPAR region.

The same site selection as for baselines is applied, i.e. selecting only monitoring sites with at least six surveys over the two-year period, with at least three surveys per year. Monitoring sites and surveys used for statuses calculations are detailed in Annex 1.

Exception 1 for Arctic Waters: the monitoring conducted in the Arctic Waters region faced difficult environmental conditions, leading to fewer surveys than in other regions. In order to provide assessment for this region despite the lower number of surveys, no selection criteria were applied, and all surveys were considered to calculate the 2022-2023 status for this region.

Calculation of the reduction percentages

The reduction percentages at the end of 2023, are calculated using the following formula:

$$\%TC = (([TC]_{2022\text{-}2023\ Status} - [TC]_{2015\text{-}2016\ Baseline}) / [TC]_{2015\text{-}2016\ Baseline}) \times 100$$

TC being the total count in litter items. Note that a negative percentage indicates a decrease whereas a positive percentage indicates an increase from the baseline to the status.

Finally, on the basis of the estimated baselines, the median quantity of litter expected to achieve the stated reduction targets can be calculated using the above equation.

Results

Confidence assessment

The confidence was qualitatively assessed for both the data and methodologies using the approach adopted for the QSR 2023 (OSPAR, 2021).

In the present report, there is a high confidence in the methods of calculation of baselines, status and trends which have already been applied in other assessments (Hanke et al., 2019, European Commission, 2024).

The confidence in data availability depends on the number of sites and surveys available per OSPAR country-subregion. The Table 1 summarizes the number of sites selected in regards with the criteria explained therebefore, as well as the total number of sites and surveys. A low confidence means no site is selected, a moderate confidence means less than 4[1] sites are selected in the OSPAR country-subregion, a high confidence means 4 sites or more are selected.

[1] 4 monitoring sites is the required number per country-subregion in order to obtain the minimum number of surveys (40) for the MSFD threshold value assessment (Van Loon et al., 2020).

Table 2 Confidence assessment in data availability per OSPAR country-subregion.

Data available for calculation of 2022-2023 status					
OSPAR region	**Country-subregion**	**N sites available** *(N surveys)*		**N sites meeting selection criteria** *(N surveys)*	
Arctic Waters*	Denmark	8	*10*	NA	*NA*
Arctic Waters*	Iceland	8	*30*	NA	*NA*
Arctic Waters*	Norway	5	*12*	NA	*NA*
Greater North Sea	Belgium	0	*0*	0	*0*
Greater North Sea	Denmark	4	*28*	4	*28*
Greater North Sea	France	13	*62*	7	*53*
Greater North Sea	Germany	9	*53*	6	*45*
Greater North Sea	Netherlands	4	*32*	4	*32*
Greater North Sea	Norway	2	*7*	0	*0*
Greater North Sea	Sweden	6	*36*	6	*36*
Greater North Sea	United Kingdom	17	*71*	7	*51*
Celtic Seas	France	13	*92*	11	*84*
Celtic Seas	Ireland	5	*40*	5	*40*
Celtic Seas	United Kingdom	24	*133*	16	*122*
Bay of Biscay and Iberian Coast	France	29	*200*	23	*182*
Bay of Biscay and Iberian Coast	Portugal	16	*119*	15	*117*
Bay of Biscay and Iberian Coast	Spain	13	*104*	13	*104*
Wider Atlantic	Portugal	17	*113*	12	*94*

* Exception is made for Arctic Water region for which all the sites and surveys are included, the number of sites meeting selection criteria is not assessed (NA). See Annex 1 for more details about sites and surveys available and meeting selection criteria.

Confidence in data availability:
- Low (no site selected; 0 survey)
- Moderate (less than 4 sites selected; 6 to 18 surveys)
- High (4 sites or more; 24 surveys or more)

For the period 2022-2023, the confidence in data availability is high for the OSPAR regions Greater North Sea, Celtic Seas, Bay of Biscay and Iberian Coast and Wider Atlantic as most of the country-subregions present high confidence levels. The OSPAR region Arctic Waters has a low confidence in data availability because of their low number of surveys available.

The Table 3 summarises the confidence assessment for both the methodology and data availability.

Table 3 Summary of the confidence assessment in method and data availability

Confidence in the method		
Baseline	High	
Status	High	
Percentages	High	
Confidence in data availability	**2015-2016**	**2022-2023**
Arctic Waters	low	low

Greater North Sea	moderate	high
Celtic Seas	high	high
Bay of Biscay and Iberian Coast	high	high
Wider Atlantic	low	high
OSPAR Maritime Area	high	high

Confidence in data availability:
- Low
- Moderate
- High

Baselines in beach litter total count (2015-2016)

The baselines calculated over the two-year period 2015-2016 in the previous progress report are summarized in the Table 3.

Table 4 Baselines in total count of beach litter (2015-2016).

OSPAR region		**TC baseline** (litter items/100 m)
Arctic Waters	22 surveys (16 sites)	190
Greater North Sea	151 surveys (21 sites)	205
Celtic Seas	95 surveys (12 sites)	147
Bay of Biscay and Iberian Coast	176 surveys (22 sites)	316
Wider Atlantic	24 surveys (6 sites)	103
OSPAR Maritime Area	468 surveys (77 sites)	190

Confidence in data availability:
- Low
- Moderate
- High

Status and reduction percentages in beach litter total count achieved at the end of 2023

The total count (TC) reduction percentage calculated for the two-year period 2022-2023 at the OSPAR Maritime Area level (using 2015-2016 as a baseline years) is presented in the following Table 5. A progress toward the achievement of the 2030 target of -70% is observed with a reduction of -18.2%. However, the reduction is lower at the end of 2023 than observed at the end of 2021.

The TC reduction percentages calculated for the two-year period 2022-2023 for each OSPAR region are presented in the Table 6 below. Reductions ranging between -10.2% and -57.6% are detected in the OSPAR regions, except for Celtic Seas where an increase of +5.8% is observed.

Table 5 Beach litter total count status and associated reduction percentage at the OSPAR Maritime Area level and at the end of 2021 and 2023 (green shades indicate the level of confidence in data availability).

OSPAR MARITIME AREA (1040 surveys, 150 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
Baseline (2015-2016)	*190*	
2020-2021	*140*	*-26.3%*
2022-2023	156	**-18.2%**

Confidence in data availability:
- Low
- Moderate
- High

At the end of 2023, the target is not achieved at the OSPAR Maritime Area level nor in the OSPAR regions. It should be noted that one region (Wider Atlantic) that achieved the objective in 2021, does not achieve it anymore. The result obtained for the Wider Atlantic region could be explained by the recent inclusion of Madeira archipelago's survey sites that were not considered in previous analyses including in the baseline calculation.

Table 6: Beach litter total count statuses and associated reduction percentages at the end of 2021 and 2023 (green shades indicate the level of confidence in data availability).

ARCTIC WATERS (52 surveys, 21 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
Baseline (2015-2016)	*190*	
2020-2021	*140*	*-26.3%*
2022-2023	81	**-57.6%**
GREATER NORTH SEA (245 surveys, 34 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
Baseline (2015-2016)	*205*	
2020-2021	*254*	*+23.9%*
2022-2023	183	**-11.0%**
CELTIC SEAS (246 surveys, 32 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
Baseline (2015-2016)	*147*	
2020-2021	*125*	*-15.0%*
2022-2023	156	**+5.8%**
BAY OF BISCAY AND IBERIAN COAST (403 surveys, 51 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
Baseline (2015-2016)	*316*	
2020-2021	*228*	*-27.8%*
2022-2023	218	**-31.0%**
WIDER ATLANTIC (94 surveys, 12 sites)		
Two-year period	**TC status** (litter items/100 m)	**TC reduction percentage** (%)
*Baseline (2015-2016)**	*103**	
2020-2021	*29*	*-71.8%*
2022-2023	93	**-10.2%**

Confidence in data availability:
- Low
- Moderate
- High

*Please note that Wider Atlantic baseline calculation did not include Madeira archipelago data because the monitoring started in 2020.

Conclusion

At the end of 2023, reductions in beach litter total counts are observed at the OSPAR Maritime Area level (-18.2%) and for all OSPAR regions except Celtic Seas. For other OSPAR regions, reductions ranged between -10.2% and -57.6%. For Celtic Seas, an increase of +5.8% is observed.

Overall and as synthesised in the Table below, results obtained show that at the end of 2023, reductions in beach litter total count are observed in the OSPAR Maritime Area and in four OSPAR regions (Arctic Waters, Greater North Sea, Bay of Biscay and Iberian Coast and Wider Atlantic). However, one region (Celtic Seas) stopped its progress and exhibits an increase compared to baseline values and one region (Wider Atlantic) that achieved the objective in 2021, does not achieve it anymore. The result obtained for the Wider Atlantic region could be explained by the recent inclusion of Madeira archipelago's survey sites that were not considered in previous analyses including in the baseline calculation.

Table 7 Assessment of progress towards the NEAES S4.O4 2030 target achievement (70% reduction in beach litter total count) for the OSPAR Maritime Area and the five OSPAR regions at the end of 2023 (including results obtained at the end of 2021), compared to 2015-2016 baseline values (BV). The values of the trends are indicated in brackets.

	Progress towards NEAES S4.O4 2030 target achievement (70% reduction compared to 2015-2016 BV)	
	Beach litter total count	
	2020-2021	**2022-2023**
OSPAR Maritime Area	*Decreasing (Reduction of 26.3% compared to BV)*	**Decreasing** *(Reduction of 18.2% compared to BV)*
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Bay of Biscay and Iberian Coast (BBIC)	*Decreasing (Reduction of 27.8% compared to BV)*	**Decreasing** *(Reduction of 31.0% compared to BV)*
Wider Atlantic (WA)	*Target achieved (Reduction of 71.8% compared to BV)*	**Decreasing** *(Reduction of 10.2% compared to BV)*

As for the Operational Objective S4.O3 assessment, the proposed assessment is based on simple and established calculation methods of beach litter level that have already been used (European Commission et al., 2024). Possible methodological developments could be made in 2025 for the evaluation of the stability of the results through consecutive two-year periods, in particular to confirm the achievement of the objectives.

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Annex 1: List of OSPAR survey sites with the number of surveys available on the studied periods and inclusion status in the present assessment

Ref. number	OSPAR region	Country	Site name	Number of surveys available					Inclusion in baseline calculation (Yes/No)	Inclusion in status calculation (Yes/No)
				2015	2016	...	2022	2023		
BE001	Greater North Sea	Belgium	Oostende	4	4		0	0	Yes	No
BE003	Greater North Sea	Belgium	Raversijde	4	3		0	0	Yes	No
DE001	Greater North Sea	Germany	Sylt (island)	4	3		4	4	Yes	Yes
DE002	Greater North Sea	Germany	Scharhörn (island)	3	3		3	3	Yes	Yes
DE003	Greater North Sea	Germany	Minsener Oog (island)	4	4		4	4	Yes	Yes
DE005	Greater North Sea	Germany	Juist	4	4		4	2	Yes	No
DE006	Greater North Sea	Germany	Sylt Hörnum North	0	0		4	4	No	Yes
DE007	Greater North Sea	Germany	Mellum West	0	0		4	4	No	Yes
DE008	Greater North Sea	Germany	Juist Wilhelmshöhe	0	0		4	3	No	Yes
DE009	Greater North Sea	Germany	Sylt Rantum	0	0		2	0	No	No
DE010	Greater North Sea	Germany	Sylt Klappholtal	0	0		0	0	No	No
GRL001	Arctic Waters	Denmark	Dagmar Island North St1	0	1		0	0	Yes*	No
GRL002	Arctic Waters	Denmark	Henryland - East Greenland	0	1		0	0	Yes*	No
GRL003	Arctic Waters	Denmark	Sand Island, Young Sund	0	1		1	1	Yes*	Yes*
GRL004	Arctic Waters	Denmark	Kap Mary, Young Sund	0	1		0	0	Yes*	No
GRL005	Arctic Waters	Denmark	Clavering Island, Young Sund	0	1		0	0	Yes*	No
GRL006	Arctic Waters	Denmark	Stroem Island	0	1		0	0	Yes*	No
GRL007	Arctic Waters	Denmark	Moraene Island, Taasiilaq	0	1		0	0	Yes*	No
GRL018	Arctic Waters	Denmark	Kulusuk st1	0	0		1	1	No	Yes*
GRL019	Arctic Waters	Denmark	Kulusuk st2	0	0		1	1	No	Yes*
GRL020	Arctic Waters	Denmark	Kulusuk st3	0	0		0	1	No	Yes*
GRL021	Arctic Waters	Denmark	Kulusuk st4	0	0		0	1	No	Yes*
GRL022	Arctic Waters	Denmark	Kap Berghaus - Young Sund	0	0		1	1	No	Yes*
DK001	Greater North Sea	Denmark	MSFD Nymindegab Strand	3	3		3	4	Yes	Yes
DK004	Greater North Sea	Denmark	MSFD Skagen Skagen Strand	3	3		3	4	Yes	Yes
DK006	Greater North Sea	Denmark	MSFD Limfjorden	0	0		3	4	No	Yes
DK007	Greater North Sea	Denmark	Risoe-Roskilde	3	4		4	3	Yes	Yes
ES001	Bay of Biscay and Iberian Coast	Spain	A Lanzada	4	4		4	4	Yes	Yes
ES002	Bay of Biscay and Iberian Coast	Spain	Baldaio	4	4		4	4	Yes	Yes
ES003	Bay of Biscay and Iberian Coast	Spain	Valdevaqueros beach	4	4		4	4	Yes	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
ES004	Bay of Biscay and Iberian Coast	Spain	O Rostro	4	4	4	4	Yes	Yes
ES005	Bay of Biscay and Iberian Coast	Spain	La Vega	4	4	4	4	Yes	Yes
ES007	Bay of Biscay and Iberian Coast	Spain	Agiti	4	4	4	4	Yes	Yes
ES008	Bay of Biscay and Iberian Coast	Spain	Menacoz	4	4	4	4	Yes	Yes
ES010	Bay of Biscay and Iberian Coast	Spain	Covas	4	4	4	4	Yes	Yes
ES011	Bay of Biscay and Iberian Coast	Spain	Castilla	4	4	4	4	Yes	Yes
ES012	Bay of Biscay and Iberian Coast	Spain	Castilnovo	4	4	4	4	Yes	Yes
ES013	Bay of Biscay and Iberian Coast	Spain	Oyambre	4	4	4	4	Yes	Yes
ES014	Bay of Biscay and Iberian Coast	Spain	Rodas	4	4	4	4	Yes	Yes
ES015	Bay of Biscay and Iberian Coast	Spain	Frejulfe	0	0	4	4	No	Yes
FR004	Greater North Sea	France	Les Basses Falaises	0	0	4	4	No	Yes
FR005	Greater North Sea	France	Dieppe	4	4	0	0	Yes	No
FR015	Greater North Sea	France	Le Mont St Frieux	0	2	0	1	No	No
FR016	Greater North Sea	France	Les Boucaniers	0	3	0	0	No	No
FR021	Greater North Sea	France	Les Dunes	0	1	0	0	No	No
FR022	Greater North Sea	France	L'Hôpital	0	0	4	4	No	Yes
FR024	Greater North Sea	France	Les Escardines	0	0	3	4	No	Yes
FR025	Greater North Sea	France	Glatigny	0	0	4	4	No	Yes
FR048	Greater North Sea	France	Le Pré au Cure	0	0	4	4	No	Yes
FR057	Greater North Sea	France	Les Fauvettes	0	0	2	4	No	No
FR058	Greater North Sea	France	La Maison des Douaniers	0	0	3	4	No	Yes
FR059	Greater North Sea	France	La Flèche de Blainville	0	0	3	4	No	Yes
FR006	Celtic Seas	France	Kourrijou	4	4	3	4	Yes	Ye
FR007	Celtic Seas	France	Koubou	4	4	4	4	Yes	Yes
FR008	Celtic Seas	France	Kerizella	4	4	4	4	Yes	Yes
FR009	Celtic Seas	France	Blancs Sablons	3	1	0	0	No	No
FR010	Celtic Seas	France	Porsmilin	2	2	0	0	No	No
FR011	Celtic Seas	France	Larmor	4	4	4	0	Yes	No
FR012	Celtic Seas	France	Trielen	4	4	4	4	Yes	Yes
FR019	Celtic Seas	France	La Grandville	0	2	4	4	No	Yes
FR020	Celtic Seas	France	La Grève des Courses	0	2	4	4	No	Yes
FR026	Celtic Seas	France	Stallio Bras	0	0	4	4	No	Yes
FR027	Celtic Seas	France	Le Cosmeur	0	0	4	4	No	Yes
FR028	Celtic Seas	France	Deolen	0	0	4	4	No	Yes
FR029	Celtic Seas	France	Le Vern	0	0	4	0	No	No
FR049	Celtic Seas	France	Île Tomé	0	0	3	3	No	Yes
FR060	Celtic Seas	France	L'Île aux Moines	0	0	3	4	No	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
FR002	Bay of Biscay and Iberian Coast	France	Le Stang	0	0	4	4	No	Yes
FR017	Bay of Biscay and Iberian Coast	France	La Barre	4	4	0	0	Yes	No
FR023	Bay of Biscay and Iberian Coast	France	Donnant	0	0	4	4	No	Yes
FR030	Bay of Biscay and Iberian Coast	France	La Grève Blanche	0	0	2	3	No	No
FR031	Bay of Biscay and Iberian Coast	France	Pen Loc'h	0	0	4	4	No	Yes
FR032	Bay of Biscay and Iberian Coast	France	Boëd	0	0	4	4	No	Yes
FR033	Bay of Biscay and Iberian Coast	France	La Marche aux Bœufs	0	0	4	4	No	Yes
FR034	Bay of Biscay and Iberian Coast	France	Les Sabias	0	0	4	4	No	Yes
FR035	Bay of Biscay and Iberian Coast	France	Les Selliers	0	0	4	4	No	Yes
FR036	Bay of Biscay and Iberian Coast	France	Bas Rhin	0	0	0	0	No	No
FR037	Bay of Biscay and Iberian Coast	France	Port Notre Dame	0	0	4	4	No	Yes
FR038	Bay of Biscay and Iberian Coast	France	La Cornerie	0	1	4	0	No	No
FR039	Bay of Biscay and Iberian Coast	France	Les Trois Pierres	0	0	4	4	No	Yes
FR040	Bay of Biscay and Iberian Coast	France	La Baie de Gatseau	0	0	4	4	No	Yes
FR041	Bay of Biscay and Iberian Coast	France	La Maison de Grave	0	0	4	4	No	Yes
FR042	Bay of Biscay and Iberian Coast	France	Le Grand Crohot Sud	0	0	4	4	No	Yes
FR043	Bay of Biscay and Iberian Coast	France	La Pointe du Teich	0	0	4	4	No	Yes
FR044	Bay of Biscay and Iberian Coast	France	Le Banc d'Arguin	0	0	3	4	No	Yes
FR045	Bay of Biscay and Iberian Coast	France	Le Wharf	0	0	2	4	No	No
FR046	Bay of Biscay and Iberian Coast	France	Les Lamanchs	0	0	4	3	No	Yes
FR047	Bay of Biscay and Iberian Coast	France	Erdiko	0	0	4	4	No	Yes
FR050	Bay of Biscay and Iberian Coast	France	La Baule	0	0	4	4	No	Yes
FR051	Bay of Biscay and Iberian Coast	France	La Plage des Grottes	0	0	4	4	No	Yes
FR052	Bay of Biscay and Iberian Coast	France	La Pointe d'Arçay	0	0	4	4	No	Yes
FR053	Bay of Biscay and Iberian Coast	France	Moëze-Oléron	0	0	4	4	No	Yes
FR054	Bay of Biscay and Iberian Coast	France	La Bonne Anse	0	0	4	4	No	Yes
FR055	Bay of Biscay and Iberian Coast	France	La Baie de Talmont	0	0	4	4	No	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
FR056	Bay of Biscay and Iberian Coast	France	Le Champ de Tir	0	0	4	4	No	Yes
IR001	Celtic Seas	Ireland	Long Strand	4	4	4	4	Yes	Yes
IR002	Celtic Seas	Ireland	Silver Strand	4	4	4	4	Yes	Yes
IR003	Celtic Seas	Ireland	Carnesore	4	4	4	4	Yes	Yes
IR004	Celtic Seas	Ireland	Clogherhead - South	4	4	4	4	Yes	Yes
IR005	Celtic Seas	Ireland	Dooey Beach	0	0	4	4	No	Yes
IS001	Arctic Waters	Iceland	Raudasandur	0	1	1	0	Yes*	Yes*
IS002	Arctic Waters	Iceland	Budavik	0	2	3	1	Yes*	Yes*
IS003	Arctic Waters	Iceland	Bakkavik	0	2	4	3	Yes*	Yes
IS004	Arctic Waters	Iceland	Surtsey island East	0	1	1	1	Yes*	Yes*
IS005	Arctic Waters	Iceland	Surtsey island West	0	1	1	1	Yes*	Yes*
IS006	Arctic Waters	Iceland	Rekavik bak Hofn	0	0	1	1	No	Yes*
IS007	Arctic Waters	Iceland	Vikur	0	0	3	3	No	Yes
IS008	Arctic Waters	Iceland	Ysuhvammur	0	0	3	3	No	Yes
NL001	Greater North Sea	Netherlands	Bergen	4	4	4	4	Yes	Yes
NL002	Greater North Sea	Netherlands	Noordwijk	4	4	4	4	Yes	Yes
NL003	Greater North Sea	Netherlands	Veere	4	4	4	4	Yes	Yes
NL004	Greater North Sea	Netherlands	Terschelling	4	4	4	4	Yes	Yes
NO001	Arctic Waters	Norway	Været	1	1	1	0	Yes*	Yes*
NO002	Arctic Waters	Norway	Brucebukta	1	1	1	1	Yes*	Yes*
NO003	Arctic Waters	Norway	Luftskipodden	1	1	1	1	Yes*	Yes*
NO004	Arctic Waters	Norway	Rekvika	1	1	2	2	Yes*	Yes*
NO008	Arctic Waters	Norway	Åpenvikbukta	0	0	1	2	No	Yes*
NO005	Greater North Sea	Norway	Kviljo	2	2	2	2	No	No
NO007	Greater North Sea	Norway	Ytre Hvaler	1	1	1	2	No	No
PT001	Bay of Biscay and Iberian Coast	Portugal	Praia da Barra	4	4	4	3	Yes	Yes
PT004	Bay of Biscay and Iberian Coast	Portugal	Ilha de Faro	4	4	4	4	Yes	Yes
PT005	Bay of Biscay and Iberian Coast	Portugal	Batata	4	4	4	4	Yes	Yes
PT007	Bay of Biscay and Iberian Coast	Portugal	Cabedelo	4	4	4	4	Yes	Yes
PT008	Bay of Biscay and Iberian Coast	Portugal	Osso da Baleia	4	4	4	4	Yes	Yes
PT009	Bay of Biscay and Iberian Coast	Portugal	Amoeiras	4	4	4	4	Yes	Yes
PT010	Bay of Biscay and Iberian Coast	Portugal	Fonte da Telha	4	4	4	4	Yes	Yes
PT011	Bay of Biscay and Iberian Coast	Portugal	Monte Velho	4	4	4	4	Yes	Yes
PT012	Bay of Biscay and Iberian Coast	Portugal	Barranha	4	4	4	4	Yes	Yes
PT014	Bay of Biscay and Iberian Coast	Portugal	Paredes de Vitória	0	0	4	4	No	Yes
PT015	Bay of Biscay and Iberian Coast	Portugal	Furadouro Sul	0	0	4	3	No	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
PT016	Bay of Biscay and Iberian Coast	Portugal	Aberta-Pedrogão	0	0	2	0	No	No
PT017	Bay of Biscay and Iberian Coast	Portugal	Baleal Leste	0	0	3	4	No	Yes
PT019	Bay of Biscay and Iberian Coast	Portugal	São Félix da Marinha	0	0	4	4	No	Yes
PT025	Bay of Biscay and Iberian Coast	Portugal	Praia da Arda	0	0	4	4	No	Yes
PT038	Bay of Biscay and Iberian Coast	Portugal	Praia de Matosinhos	0	0	4	3	No	Yes
PT018	Wider Atlantic	Portugal	Areia - Corvo - Azores	0	4	4	4	Yes*	Yes
PT020	Wider Atlantic	Portugal	Almoxarife - Faial - Azores	0	4	2	3	Yes*	No
PT021	Wider Atlantic	Portugal	Praia do Norte - Faial - Azores	0	4	2	3	Yes*	No
PT022	Wider Atlantic	Portugal	Praia da Maia - São Miguel - Azores	0	4	4	4	Yes*	Yes
PT023	Wider Atlantic	Portugal	Pedreira - São Miguel - Azores	0	4	0	0	Yes*	No
PT024	Wider Atlantic	Portugal	São Lourenço - Santa Maria - Azores	0	4	4	3	Yes*	Yes
PT026	Wider Atlantic	Portugal	Vila - São Vicente, Madeira Island	0	0	1	4	No	No
PT027	Wider Atlantic	Portugal	Galé - Calheta, Madeira Island	0	0	4	4	No	Yes
PT028	Wider Atlantic	Portugal	Fajã dos Padres, Madeira Island	0	0	4	4	No	Yes
PT029	Wider Atlantic	Portugal	Praia do Gastão - Porto Santo Island	0	0	4	4	No	Yes
PT030	Wider Atlantic	Portugal	Maiata-Porto da Cruz, Madeira Island	0	0	4	4	No	Yes
PT031	Wider Atlantic	Portugal	Calhau da Serra de Dentro, Porto Santo Island	0	0	4	4	No	Yes
PT032	Wider Atlantic	Portugal	Arsenal-Portinho, Madeira Island	0	0	4	4	No	Yes
PT033	Wider Atlantic	Portugal	Calhau das Achadas da Cruz, Madeira Island	0	0	4	4	No	Yes
PT034	Wider Atlantic	Portugal	Baía d'Abra-Caniçal, Madeira Island	0	0	4	4	No	Yes
PT035	Wider Atlantic	Portugal	Água D'Alto - São Vicente – Madeira Island	0	0	3	4	No	Yes
PT036	Wider Atlantic	Portugal	Degredo - São Miguel Island - Azores	0	0	2	2	No	No
SE004	Greater North Sea	Sweden	Haby	3	3	3	3	Yes	Yes
SE005	Greater North Sea	Sweden	Edsvik	2	3	3	3	No	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
SE006	Greater North Sea	Sweden	Saltö	2	3	3	3	No	Yes
SE007	Greater North Sea	Sweden	Grönevik	3	2	3	3	No	Yes
SE008	Greater North Sea	Sweden	Edshultshall	3	3	3	3	Yes	Yes
SE009	Greater North Sea	Sweden	Gröderhamn	3	3	3	3	Yes	Yes
UK011	Greater North Sea	United Kingdom	Cramond Beach	4	4	4	3	Yes	Yes
UK016	Greater North Sea	United Kingdom	Chilton Chine	1	0	0	0	No	No
UK040	Greater North Sea	United Kingdom	Seatown	3	4	0	0	Yes	No
UK041	Greater North Sea	United Kingdom	Polhawn	1	3	0	0	No	No
UK042	Greater North Sea	United Kingdom	Felixstowe (Cobbolds Point to the dip)	3	1	0	0	No	No
UK043	Greater North Sea	United Kingdom	Jubilee Beach	4	4	3	4	Yes	Yes
UK044	Greater North Sea	United Kingdom	Rottingdean	2	4	0	0	No	No
UK046	Greater North Sea	United Kingdom	Mill Bay (Orkney)	1	3	0	0	No	No
UK047	Greater North Sea	United Kingdom	Kinghorn Harbour	3	4	2	2	Yes	No
UK048	Greater North Sea	United Kingdom	Formby (Freshfields)	1	3	3	4	No	Yes
UK049	Greater North Sea	United Kingdom	Robin Hood's Bay	1	4	4	0	No	No
UK050	Greater North Sea	United Kingdom	Saltburn	2	4	2	0	No	No
UK051	Greater North Sea	United Kingdom	Le Braye Slip	1	0	0	0	No	No
UK054	Greater North Sea	United Kingdom	Fort Bovisand Beach	0	0	4	4	No	Yes
UK055	Greater North Sea	United Kingdom	West beach LNR	0	0	4	4	No	Yes
UK057	Greater North Sea	United Kingdom	Aberdeen North N1	0	0	1	1	No	No
UK058	Greater North Sea	United Kingdom	Paull	0	0	4	1	No	No
UK0582	Greater North Sea	United Kingdom	Easington 2	0	0	3	3	No	Yes
UK059	Greater North Sea	United Kingdom	Kilnsea Beach (Riverside) 2	0	0	3	0	No	No
UK0592	Greater North Sea	United Kingdom	Jackson's Bay North	0	0	4	4	No	Yes
UK001	Celtic Seas	United Kingdom	Hilbre Island	1	4	0	0	No	No
UK002	Celtic Seas	United Kingdom	Tan-y-Bwlch Beach	4	4	4	3	Yes	Yes
UK005	Celtic Seas	United Kingdom	Freshwater East	1	0	0	0	No	No
UK020	Celtic Seas	United Kingdom	Sand Bay	4	4	4	4	Yes	Yes

Ref. number	OSPAR region	Country	Site name	Number of surveys available				Inclusion in baseline	Inclusion in status
UK021	Celtic Seas	United Kingdom	Langland Bay	3	4	4	4	Yes	Yes
UK025	Celtic Seas	United Kingdom	Ardglass	0	4	4	4	No	Yes
UK026	Celtic Seas	United Kingdom	Ballyhornan	0	4	4	4	No	Yes
UK027	Celtic Seas	United Kingdom	Minearny	0	2	0	0	No	No
UK028	Celtic Seas	United Kingdom	Ballywalter	0	4	4	3	No	Yes
UK029	Celtic Seas	United Kingdom	Cloughey	0	2	0	0	No	No
UK030	Celtic Seas	United Kingdom	Drains Bay	0	2	0	0	No	No
UK031	Celtic Seas	United Kingdom	Hazelbank	0	2	4	3	No	Yes
UK032	Celtic Seas	United Kingdom	Kilkeel North	1	4	4	4	No	Yes
UK033	Celtic Seas	United Kingdom	Portavogie	0	4	4	3	No	Yes
UK034	Celtic Seas	United Kingdom	Rathlin	0	4	4	4	No	Yes
UK035	Celtic Seas	United Kingdom	Rostrevor	0	4	4	4	No	Yes
UK036	Celtic Seas	United Kingdom	Runkerry	0	4	4	4	No	Yes
UK037	Celtic Seas	United Kingdom	Tyrella	0	4	4	2	No	No
UK038	Celtic Seas	United Kingdom	White Park Bay	0	4	4	4	No	Yes
UK039	Celtic Seas	United Kingdom	Tal-y-Foel	1	3	1	3	No	No
UK045	Celtic Seas	United Kingdom	Lunderston Bay	1	3	3	3	No	Yes
UK052	Celtic Seas	United Kingdom	Culmore Point	0	0	4	4	No	Yes
UK053	Celtic Seas	United Kingom	Port Eynon Bay	0	0	4	4	No	Yes
UK056	Celtic Seas	United Kingdom	Port Mor	0	0	0	1	No	No
IM001	Celtic Seas	United Kingdom	Castletown	0	0	0	0	No	No
IM002	Celtic Seas	United Kingdom	Douglas	0	0	0	0	No	No
IM003	Celtic Seas	United Kingdom	Kirk Michael	0	0	0	0	No	No
IM004	Celtic Seas	United Kingdom	Ramsey	0	0	0	0	No	No

*Survey sites not meeting the selection criteria (low number of surveys) but kept in the analysis to provide results for Arctic Waters status and baseline and Wider Atlantic baseline calculations

Annex 2: List of OSPAR litter types included in beach litter total count (TC)

OSPAR ID 2010.010	OSPAR ID CEMP 2020	Types	Included in TC
Plastic			
1	1	4/6-pack yokes	Yes
2	2	Bags (e.g. shopping)	Yes
3	3	Small plastic bags, e.g., freezer bags	Yes
112	112	Plastic bag ends	Yes
4	4	Drinks (bottles, containers and drums)	Yes
5	5	Cleaner (bottles, containers and drums)	Yes
6	610[a]	Food containers incl. fast food containers - plastic	Yes
6	620[a]	Food containers incl. fast food containers - foamed polystyrene	Yes
7	7	Cosmetics (bottles & containers e.g. sun lotion, shampoo, shower gel, deodorant)	Yes
8	8	Engine oil containers and drums <50 cm	Yes
9	9	Engine oil containers and drums > 50 cm	Yes
10	10	Jerry cans (square plastic containers with handle)	Yes
11	11	Injection gun containers	Yes
12	12	Other bottles, containers and drums	Yes
13	13	Crates	Yes
14	14	Car parts	Yes
15	15	Caps/lids	Yes
16	16	Cigarette lighters	Yes
17	17	Pens	Yes
18	18	Combs/hairbrushes	Yes
19	19	Crisp/sweet packets and lolly sticks	Yes
20	20	Toys & party poppers	Yes
21	211[a]	Cups - plastic	Yes
21	212[a]	Cups - foamed polystyrene	Yes
22	22	Cutlery/trays/straws	Yes
23	23	Fertiliser/animal feed bags	Yes
24	24	Mesh vegetable bags	Yes
25	25	Gloves (typical washing up gloves)	Yes
113	113	Gloves (industrial/professional gloves)	Yes
26	26	Crab/lobster pots	Yes
114	114	Lobster and fish tags	Yes
27	27	Octopus pots	Yes
28	28	Oyster nets or mussel bags including plastic stoppers	Yes
29	29	Oyster trays (round from oyster cultures)	Yes
30	30	Plastic sheeting from mussel culture (Tahitians)	Yes
31	31	Rope (diameter more than 1 cm)	Yes
32	321[a]	String and cord (diameter < 1cm) not from dolly ropes or unidentified	Yes
32	322[a]	String and filaments exclusively from dolly ropes	Yes
115	115	Nets and pieces of net < 50 cm	Yes
116	116	Nets and pieces of net > 50 cm	Yes
33	331[a]	Tangled nets/cord/rope and string without dolly rope or mixed with dolly rope	Yes
33	332[a]	Tangled dolly rope	Yes
34	341[a]	Fish boxes - plastic	Yes
34	342[a]	Fish boxes - foamed polystyrene	Yes
35	35	Fishing line (angling)	Yes

36	36	Light sticks (tubes with fluid)	Yes
37	37	Floats/Buoys	Yes
38	38	Buckets	Yes
39	39	Strapping bands	Yes
40	40	Industrial packaging, plastic sheeting	Yes
41	41	Fibre glass	Yes
42	42	Hard hats	Yes
43	43	Shotgun cartridges	Yes
44	44	Shoes/sandals	Yes
45	45	Foam sponge	Yes
64	64[a]	Cigarette butts	Yes
121	121[a]	Bagged dog faeces	Yes
48	481[a]	Biofilm support media	Yes
117	1171[a]	Plastic fragments 0.5 - 2.5cm	No
117	1172[a]	Foamed polystyrene fragments 0.5 - 2.5cm	No
46	461[a]	Plastic fragments 2.5cm >< 50cm	Yes
46	462[a]	Foamed polystyrene fragments 2.5cm >< 50cm	Yes
47	471[a]	Plastic fragments > 50cm	Yes
47	472[a]	Foamed polystyrene fragments > 50cm	Yes
48	48	Other plastic items	Yes
Rubber			
49	49	Balloons, including plastic valves, ribbons, strings etc.	Yes
50	50	Boots	Yes
52	52	Tyres and belts	Yes
53	53	Other rubber pieces	Yes
Cloth			
54	54	Clothing	Yes
55	55	Furnishing	Yes
56	56	Sacking	Yes
57	57	Shoes (leather)	Yes
59	59	Other textiles	Yes
Paper / Cardboard			
60	60	Bags	Yes
61	61	Cardboard	Yes
118	118	Cartons e.g. tetrapak (milk)	Yes
62	62	Cartons e.g. tetrapak (other)	Yes
63	63	Cigarette packets	Yes
65	65	Cups	Yes
66	66	Newspapers & magazines	Yes
67	67	Other paper/cardboard items	Yes
Wood (machined)			
68	68	Corks	Yes
69	69	Pallets	Yes
70	70	Crates	Yes
71	71	Crab/lobster pots	Yes
119	119	Fish boxes	Yes
72	72	Ice lolly sticks / chip forks	Yes
73	73	Paint brushes	Yes
74	74	Other wood < 50 cm	Yes
75	75	Other wood > 50 cm	Yes

Metal			
76	76	Aerosol/Spray cans	Yes
77	77	Bottle caps	Yes
78	78	Drink cans	Yes
120	120	Disposable BBQ's	Yes
79	79	Electric appliances	Yes
80	80	Fishing weights	Yes
81	81	Foil wrappers	Yes
82	82	Food cans	Yes
83	83	Industrial scrap	Yes
84	84	Oil drums	Yes
86	86	Paint tins	Yes
87	87	Lobster/crab pots and tops	Yes
88	88	Wire, wire mesh, barbed wire	Yes
89	89	Other metal pieces < 50 cm	Yes
90	90	Other metal pieces > 50 cm	Yes
Glass			
91	91	Bottles	Yes
92	92	Light bulbs/tubes	Yes
93	931[a]	Jars incl. fragments of jars	Yes
93	93	Other glass items	Yes
Pottery / Ceramics			
94	94	Construction material e.g. tiles	Yes
95	95	Octopus pots	Yes
96	96	Other pottery/ceramic items	Yes
Sanitary waste			
97	97	Condoms – plastic	Yes
98	981[a]	Cotton bud sticks – plastic	Yes
98	982[a]	Cotton bud sticks - cardboard	Yes
99	99	Sanitary towels/panty liners/backing strips – plastic	Yes
100	100	Tampons and tampon applicators – plastic	Yes
101	101	Toilet fresheners – plastic	Yes
102	1021[a]	Wet wipes – plastic	Yes
102	102	Other sanitary items	Yes
Medical waste			
103	103	Containers / tubes	Yes
104	104	Syringes	Yes
105	1051[a]	Single use face masks – plastic	Yes
105	1052[a]	Single use gloves – plastic	Yes
105	105	Other medical items (swabs, bandaging etc.)	Yes

[a] litter types added in 2020