



MANAGEMENT OF PLASTICS: AQUACULTURE LEASEHOLDERS REPORT

Management of Plastics – reporting information

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Relevant records of plastic procurements, stock and means of disposal employed for waste and redundant items used on leased sites will be retained for a minimum period of 5 years and will be made available to CES representatives on request during site visits.

Data Privacy

Crown Estate Scotland will process your personal data as part of its public task, in line with our responsibilities under the Data Protection Act 2018 and UK General Data Protection Regulation (UK GDPR).

This will include your personal data, such as full name(s), addresses and other information which may be included in this report. Please select one of the following options:

I am aware that my personal information will be published on the Crown Estate Scotland website as part of the Management of Plastics reporting

I am aware that Crown Estate Scotland require my personal data as part of the Management of Plastics reporting, but I do not wish for these to be published on the Crown Estate Scotland website

For further information about how Crown Estate Scotland process your personal data and for information about your data subject rights, you can find our privacy notice [on our website](#).

1. Management of plastic in this reporting period

- (i) The comparison of records for the current and previous reporting period indicates that aggregated procurements of **multi-use plastics** deployed on leased sea-sites has [remained the same](#).

Site requirements for multi-use plastics are relatively stable given no change to standard operations. An [increase](#) in the overall rope category purchasing is noted, this increase was likely due primarily to a move towards Polysteel rope as preferential on site leading to a replacement purchasing trend. A decrease in the feed pipe category is noted. This [decrease](#) is partially attributed to greater review of equipment condition before replacement, rather than working to set renewal window.

- (ii) The comparison of records for the current and previous reporting period indicates that our aggregated procurements of **short term/ single-use plastics** used on leased sea-sites has [remained the same](#).

Purchasing has decreased across category types, with less purchasing occurring in several single-use item types. Individual item purchasing however is slightly increased, assessment is that the net aggregate for the year is consistent with 2023.

- (iii) The comparison of records for the current and previous reporting periods indicates that **changes to the proportion of waste plastic from leased sea-sites disposed of by recycling, re-use or to landfill are as set out in Table 1 below.**

Table 1: Aggregated changes to disposal methods across waste and redundant plastic used on lease sites in this reporting period.

(Tick as appropriate or enter 'n/a' if the disposal method is not used by your company for waste plastics disposal)

Disposal method	Change from last reporting period	Single use (v)	Multi use (v)
Recycling	Increase	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Decrease	<input type="checkbox"/>	<input type="checkbox"/>
	Stay the same	<input type="checkbox"/>	<input type="checkbox"/>
Re-use/re-purpose	Increase	<input type="checkbox"/>	<input type="checkbox"/>
	Decrease	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Stay the same	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Licensed Landfill	Increase	<input type="checkbox"/>	<input type="checkbox"/>
	Decrease	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Stay the same	<input type="checkbox"/>	<input type="checkbox"/>
Licensed Incineration-licensed (on-site is illegal)	Increase	<input type="checkbox"/>	<input type="checkbox"/>
	Decrease	<input type="checkbox"/>	<input type="checkbox"/>
	Stay the same	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other means of disposal.	Increase	<input type="checkbox"/>	<input type="checkbox"/>
	Decrease	<input type="checkbox"/>	<input type="checkbox"/>
	Stay the same	<input type="checkbox"/>	<input type="checkbox"/>
N/A			

The **increases in Recycling** and **decreases in Landfill** listed in Table 1 are due primarily to the following reasons:

- **Improved reporting of waste segregation in chain, greater confidence in end recycling point.**
- **Increased awareness on site of importance of utilizing all recycling route options.**

The decrease in re-use/re-purposing is primarily due to lower volumes of applicable materials in 2024 overall and the variable nature of re-use routes that have been flagged as a challenge. 2024 end of life nets have entered storage awaiting a reuse or recycling route to become available, in 2023 a reuse route was live, leading to a shift in proportions of plastics entering this disposal method.

(Tenants may wish to comment on relative proportions of the different waste plastic disposal methods from their sea-sites, particularly where high levels of recycling are consistently achieved).

2. Improvements in management of plastics on leased sea-sites

Please provide any information you wish to share on measures undertaken over the reporting period regarding improvements in the management of plastics.

- [REDACTED] target that large plastic farming equipment is reused or recycled; achieved 100% reuse or recycling for disposed feed pipes and nets in 2024 through identification of suitable reuse/recycling routes and storage options until routes are available.

Existing management:

- [REDACTED]
- Best Practice Management supported through Code of Good Practice for Scottish Finfish Aquaculture, GlobalGAP and Aquaculture Stewardship Council.
- Responsible use of farming plastic equipment Operational Procedure covering;
 - Waste management
 - Installation and Maintenance
- Awareness and Training

3. Opportunities and challenges

Please comment on any opportunities, challenges and mitigating circumstances relevant to management of plastic used on leased sea-sites during the reporting period which you would like to share.

- Recycling routes continue to be limited for highly specific plastics, such as nets and ropes, storage solutions have been identified to allow maximum utilization of what routes are available, but the lack of option and resilience of these routes still presents a challenge. Heavy reliance on reuse is still in place for nets.
- [REDACTED] *"Where possible, we aim to avoid the use of single-use plastics and we encourage its substitution with more environmentally friendly materials"* however viable alternatives are not always available.
- Opportunity for a knowledge hub including stakeholders to ensure alternatives / routes are shared across all who may find them of use.

4. Any other relevant information

Please comment on any other factors you wish CES to be aware of regarding plastic use or waste management on your leased sites.

[REDACTED] completed 38 beach cleans at beaches local to our sites removing an estimated 81887.5kg of litter from the shoreline. [REDACTED] [REDACTED] assisted with 14 debris retrievals reported through Salmon Scotland and 10 others reported directly.

5. Report Completed by

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

Once complete, please send your Annual Report by e-mail to:
aquareporting@crownestatescotland.com
Please title the e-mail as the Annual Plastic Report (year) for (your company name).

Or, tenants may post their completed Annual Report to the Crown Estate at the below address.