

[illegible]



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## **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](#)

This was due primarily to the following reasons (*refer to Guidance for completing the Environmental Management of Plastics: Aquaculture Leaseholders Report*).

*A complete reassessment of stock and inventory, initiated mid 2024 is still in progress. All cultivation work has made use of reconditioned multi-use plastics. Essential maintenance necessitated acquisition of 480m 32mm 3 part mooring rope to replace 6 mooring points.*

- (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 [decreased](#)

This [decrease](#) was due primarily to the following reasons: (*refer to Guidance for completing the Environmental Management of Plastics: Aquaculture Leaseholders Report*).

*2024 saw a lull in project activity due to the wrapping up of the principal project on the farm and changes in staffing. This was used to focus on assessing the state and maintenance needs of the cultivation site.*

- (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 type="checkbox"/>	<input type="checkbox"/>
	Decrease	<input type="checkbox"/>	<input type="checkbox"/>
	Stay the same	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Re-use/re-purpose	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 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Stay the same	<input type="checkbox"/>	<input type="checkbox"/>
Other means of disposal. <i>Please insert details</i>	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"/>

The [decreases](#) in different disposal means listed in Table 1 are due primarily to the following reasons: (refer to [Guidance for completing the Management of Plastics: Aquaculture Leaseholders Report](#)).

*The use of plastics is a function of activity, maintenance and bigger replacement/redesign operations. 2024 was low in activity, and most repairs were effectuated with reused materials. Plans are being developed according to our Life Cycle Assessment for a more major overhaul of the tensioned grid structure which will cause a temporary increase in plastics use, but will provide assurance against loss of gear in adverse weather.*

*(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.*

*Cleaning and reuse of the multi-use plastics has to balance maintaining structural integrity whilst securing biosecurity and scientific evidence quality. This means that a considerable amount of time, energy, detergents and fresh water needs to be used, and ropes have to be retired when they start fraying. Improvements to storage of materials are ongoing.*

**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.*

*We have been actively looking for and contacting organisations that are able to recycle polypropylene ropes. So far we have not found any that would be able to take the volumes of old rope generated [REDACTED]. Guidance/support in this would be very helpful.*

**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.*

*We are trialing a proof of concept autonomous weekly monitoring system as well as the use of autonomous vehicles for routine maintenance checks.*

**5. Report Completed by:**

[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.