## **Marine Conservation Zone Assessment**

Site name: Erme Estuary MCZ UKMCZ0059

## Protected feature(s):

Intertidal coarse sediment
Intertidal mixed sediment
Sheltered muddy gravels
Tentacled lagoon worm (*Alkmaria romijni*)

## Fishing activities assessed at this site:

**Stage 1 Assessment** 

Seine nets & other: Beach seine



**D&S IFCA Reference** ERM-MCZ-006

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	Version control history							
Author	Date	Comment	Version					
Sarah Curtin	October 2021	Draft assessment	0.1					
	February 2022	Updated using other estuarine MCZ advice packages with similar habitat	0.2					
	November 2022 / January 2023	Finalised assessment (J. Stewart) and review (S. Clark)	1.0					
S Curtin  November  2023  Updated after publication of formal conservation advice package. Reviewed by J Stewar		1.1						

### 1. Introduction

This assessment has been undertaken by Devon & Severn Inshore Fisheries and Conservation Authority (D&S IFCA) in order to document and determine whether management measures are required to achieve the conservation objectives of marine conservation zones (MCZs). The IFCA's responsibilities in relation to management of MCZs are laid out in Sections 124 to 126, & 154 to 157 of the Marine and Coastal Access Act 2009.

## 2. MCZ site name(s), and location

The Erme Estuary MCZ is an inshore site of approximately 1km² in size. The Erme is located in South Devon and opens into the Western Channel and Celtic Sea region. The MCZ designation covers the whole estuary from the mouth of the river to the limits of the tidal influence near the village of Ermington. The MCZ falls within the Erme Estuary Site of Special Scientific Interest as well as overlapping with the Start Point to Plymouth Sound and Eddystone Special Area of Conservation at the mouth of the river.

The wide variety of habitats found within the Erme Estuary support a large number of important species including several that are rare, such as the tentacled lagoon worm, *Alkmaria romijni*. This tiny bristleworm grows up to 5mm in length and creates and lives in tubes within the mud habitats of the estuary. These worms have tentacles around their mouths used for gathering food from the surrounding muddy sediments. The tentacled lagoon worm is particularly vulnerable to activities that cause changes in its habitat.

Estuaries create important areas for wading and migratory birds to feed and rest and form nurseries for juvenile species of fish. The large areas of mudflats and muddy gravel produce films of algae which become exposed at low tide, making them important foraging grounds for several species. The estuarine rocky habitats provide a hard surface for algae and animals to attach in an area dominated by sand and mud with variable salinity. At low tide these areas become foraging grounds for birds and crustaceans and at high tide they create shelter for juvenile species of fish.

At the mouth of the river exposed rocks provide a hard surface for mussels, limpets and barnacles to attach to in areas dominated by sediment and muddy gravel (Defra, 2019).

Further information regarding the MCZ and its protected features can be found in the Erme Estuary MCZ Factsheet.

# 3. Feature(s)/habitat(s) of conservation importance (FOCI/HOCI) and conservation objectives

Table 1 - Protected features relevant to this assessment

Feature	General management approach		
Intertidal coarse sediment	Recover to favourable condition		
Intertidal mixed sediment	Maintain in favourable condition		
Sheltered muddy gravels	Maintain in favourable condition		
Tentacle lagoon worm (Alkmaria romijni)	Maintain in favourable condition		

The conservation objectives for these features are that they are brought to, and remain in, favourable condition.

## 4. Gear/feature interaction in the MCZ categorised as 'red' risk and overview of management measures

None - There are no gear/feature interactions in the MCZ that are categorised as 'red' risk.

### 5. Activities under consideration

Seine nets & other: Beach seine

Seine netting is permitted under the Netting Permit Byelaw permit conditions but has restrictions relating to length of net, limited catch for sandeels only, mesh size and deployment of the nets. However, there are no records of this currently occurring. See Curtin (2022) for more information regarding fishing activities occurring in the Erme Estuary MCZ.

# 6. Is there a risk that activities are hindering the conservation objectives of the MCZ?

#### Yes,

#### **Evidence:**

To determine whether each pressure is capable of affecting (other than insignificantly) the site's feature(s), the sensitivity assessments and risk profiling of pressures from the advice on operations section of the Natural England conservation advice package were used (Natural England, 2023). Table 2 shows the fishing activities and pressures included for assessment. The justifications for the pressures chosen for inclusion in this assessment can be seen Annex 2.

Table 2 - Fishing activities and pressures included in this assessment.

Activity	Pressures
	Abrasion/disturbance of the substrate on the surface of the seabed
	Changes in suspended solids (Water clarity)
Seine nets and other:	Penetration and/or disturbance of the substratum below the surface
Beach seine/ring	of the seabed including abrasion
	Removal of non-target species
	Smothering and siltation rate changes (Light)

The relevant targets for favourable condition were identified within Natural England's conservation advice supplementary advice tables (Natural England, 2023). **Error! Reference source not found.** shows which targets were identified as relevant to the activity assessed. The impacts of pressures on features were assessed against these targets to determine whether the activities causing the pressures are compatible with the site's conservation objectives

Table 3 - Relevant favourable condition targets for identified pressures.

Feature	Attribute	Target	
Intertidal coarse sediment	Distribution: presence and spatial distribution of biological communities	Maintain the presence and spatial distribution of intertidal coarse sediment communities	
	Extent and distribution	Maintain the total extent and spatial distribution of intertidal coarse sediment	
	Structure and function; presence and abundance of key structural and	(Maintain OR Recover OR Restore) the abundance of listed species to enable each of them to be a viable component of the habitat	

	influence species	
	Structure; species composition of component communities	Restore the species composition of component communities
Intertidal mixed sediment	Distribution: presence and spatial distribution of biological communities	Maintain the presence and spatial distribution of intertidal mixed sediment communities
	Extent and distribution	Maintain the total extent and spatial distribution of intertidal mixed sediment
	Structure and function; presence and abundance of key structural and influence species	(Maintain OR Recover OR Restore) the abundance of listed species to enable each of them to be a viable component of the habitat
	Structure; species composition of component communities	Maintain the species composition of component communities
Sheltered muddy gravels	Distribution: presence and spatial distribution of biological communities	Maintain the presence and spatial distribution of intertidal mud communities
	Extent and distribution	Maintain the total extent and spatial distribution of intertidal mud
	Structure and function; presence and abundance of key structural and influence species	(Maintain OR Recover OR Restore) the abundance of listed species to enable each of them to be a viable component of the habitat
	Structure; species composition of component communities	Maintain the species composition of component communities
Tentacle lagoon worm ( <i>Alkmaria</i>	Population: population size	Maintain the population size within the site
romijni)	Population: recruitment and reproductive capability	Maintain the reproductive and recruitment capability of the species
	Presence and spatial distribution of the species	Maintain the presence and spatial distribution of the species
	Structure and function: biological connectivity	Maintain connectivity of the habitat within sites and the wider environment to ensure larval dispersal and recruitment, and/or to allow movement of migratory species
	Supporting habitat: extent and distribution	Maintain the extent and spatial distribution of the following supporting habitats; intertidal mud, sand and muddy sand and estuaries.

Section 8 provides detail on the activity and literature review to support this assessment.

# 7. Can D&S IFCA exercise its functions to further the conservation objectives of the site?

Yes,

**Evidence: Monitoring and Control Arrangements** 

- Enforcement of current byelaws
- Monitoring and review of current byelaws
- Monitoring of fishing activity in the Estuary
- Changes can be made to the permit conditions, via consultation, if the D&S IFCA deems it to be necessary. This could include limitations or spatial/temporal restrictions. The permitting system allows for adaptive management.

## 8. Referenced supporting information to inform assessment

### Abrasion, removal of target and non-target species

The effects of fishing on a benthic community will depend on the type of gear used, the nature of the substratum and the sensitivity of individual species concerned (Lamberth *et al.*, 1995). Beach seine nets may interact with the features considered when the net is drawn ashore. Possible direct effects of a net being dragged over the seafloor include damage to sedentary organisms or entrapment, and removal of non-target species. Indirect effects include alteration of substratum, and sediment resuspension which could result in smothering (Caddy, 1973; de Groot, 1979).

Lamberth *et al.* (1995) looked at the impact of beach seine netting on the benthic flora and fauna of False Bay (South Africa). They found no difference in the abundance or species composition between sites inside and outside the seine area. Macrophyte and invertebrate bycatches were infrequent as fishers try to avoid such catches due to reduced capture efficiency of target species. They therefore concluded that beach seine netting does not have a detrimental effect on the benthic flora and invertebrate fauna in False Bay.

Beach seine fishermen generally avoid netting in areas where there is rocky habitat and large quantities of suspended macrophyte as this can cause bottom snags and slow down the speed of the haul. Snagging can result in seine rolling reducing capture efficiency (Pierce *et al.*, 1990).

Beach seine nets are usually worked clear of the seabed or with very light contact, therefore any impacts of abrasion are thought to be minimal (Seafish, 2020). Due to the small quantities of substrate that would be disturbed, it is therefore not expected that the features will be affected (other than insignificantly).

### 9. In-combination assessment

Table 4 - Relevant activities occurring in or close to the site

Plans and Projects							
Activity	Description	Potential Pressure(s)					
No other plans or	The impact of future plans or projects will	N/A					
projects known to	require assessment in their own right, including						
be occurring within	accounting for any in-combination effects,						
Erme Estuary MCZ	alongside existing activities.						
Other activities bein	g considered						
Activity	Description	Potential Pressure(s)					
Crab tiling	There is no evidence that this activity is	Abrasion/disturbance					
	currently occurring. As the activities assessed	of the substrate on the					
	(section 5) are not believed to be occurring, it	surface of the seabed					
	is thought there is no in-combination effect						
Bait digging	Activity is occurring but at low levels and in	Habitat structure					
	limited locations. Additionally, as the activities	changes – removal of					
	assessed (section 5) are not believed to be	substratum (extraction)					
	occurring, it is thought there is no in-						
	combination effect.	Removal of target					

		I
Hand working	Activity is occurring but a very low levels,	species
(access from	additionally as the activities assessed (section	
land/access from	5) are not believed to be occurring, it is thought	Removal of non-target
vessel)	there is no in-combination effect.	species
Static – pots/traps:	As there is little to no level of this activity in the	
Pots/creels,	Erme Estuary MCZ, no in-combination effect	Penetration and/or
cuttlepots, fish traps	thought to be possible.	disturbance of the
Static – fixed nets:	This activity is currently not permitted to take	substratum below the
Gill nets, Trammels,	place within the Erme Estuary MCZ as it falls	surface of the seabed,
Entangling	under the D&S IFCA Netting Permit Byelaw. In	including abrasion
	the estuary landward of the coordinates set out	
	in Annex 1, Figure 4, a permit holder or named	Smothering and
	representative is not authorised to use any net	siltation rate changes
	other than a seine net. Therefore no in-	(Light)
	combination effect is thought to be possible.	
Passive – nets: Drift	This activity is currently not permitted to take	Genetic modification &
nets (demersal)	place within the Erme Estuary MCZ as it falls	translocation of
(111)	under the D&S IFCA Netting Permit Byelaw. In	indigenous species
	the estuary landward of the coordinates set out	
	in Annex 1, Figure 4, a permit holder or named	Introduction of
	representative is not authorised to use any net	microbial pathogens
	other than a seine net. Therefore no in-	
	combination effect is thought to be possible.	Introduction or spread
Seine nets and	This activity is currently not permitted to take	of invasive non-
other; Shrimp push	place within the Erme Estuary MCZ as it falls	indigenous species
nets, fyke and	under the D&S IFCA Netting Permit Byelaw. In	(NIS)
stakenets, ring nets	the estuary landward of the coordinates set out	,
	in Annex 1, Figure 3, a permit holder or named	
	representative is not authorised to use any net	
	other than a seine net. Therefore no in-	
	combination effect is thought to be possible	
Lines: Longlines	As there is little to no level of this activity in the	
(demersal)	Erme Estuary MCZ, no in-combination effect	
	thought to be possible.	
Aquaculture	There is no evidence that this activity is	
1	currently occurring. Additionally, as the	
	activities assessed (section 5) are not believed	
	to be occurring, it is thought there is no in-	
	combination effect.	
	Combination Choot.	

D&S IFCA concludes there is no likelihood of significant adverse effect on the interest features from in-combination effects addressed within Table 4.

## 10. NE consultation response

Natural England was formally consulted on Version 1 of this assessment in January 2023 (see Annex 3). Relevant advice on operations and supplementary advice tables for other sites with similar features were used as no conservation advice package was available at the time. Formal conservation advice has since been published and this updated MCZ assessment (version 1.1) is being presented to Natural England for formal advice.

## 11. Conclusion

The activities assessed are not believed to be occurring within the MCZ. Therefore, D&S IFCA concludes that there is no significant risk of the activities hindering the achievement of the conservation objectives for Erme Estuary MCZ.

12. Summary table

Feature or habitat of Conservation interest	Conservation objectives/ Target Attributes (Natural England, 2023)	Activity	Potential pressures from activity and sensitivity of habitats to pressures. (Natural England, 2023)	Potential exposure to pressures and mechanism of impact significance	Is there a risk that the activity could hinder the achievement of conservation objectives of the site?	Can D&S IFCA exercise its functions to further the conservation objectives of the site?  If Yes, list management options
Intertidal coarse sediment	Maintain the presence and spatial distribution of intertidal coarse sediment communities  Maintain the total extent and spatial distribution of intertidal coarse sediment  (Maintain OR Recover OR Restore) the abundance of listed to enable each of them to be a viable component of the habitat  Maintain the species composition of component	Commercial fishing;  Seine nets and other: Beach seine/ring nets	<ul> <li>Abrasion/Disturbance of the substrate on the surface of the seabed</li> <li>Changes in suspended solids (water clarity)</li> <li>Penetration and/or disturbance of the substratum below the surface of the seabed, including abrasion</li> <li>Removal of non-target species</li> <li>Removal of target species</li> <li>Smothering and siltation rate changes (Light)</li> <li>See Annex 2 for pressures audit trail</li> </ul>	Beach seine nets may interact with the features considered when the net is drawn ashore. Possible direct effects of a net being dragged over the seafloor include damage to sedentary organisms or entrapment, and removal of nontarget species. Indirect effects include alteration of substratum, and sediment resuspension which could result in smothering (Caddy, 1973; de Groot, 1979).  Lamberth et al. (1995) looked at the impact of	Activities not believed to be occurring  D&S IFCA concludes that there is no significant risk of the activities hindering the achievement of the conservation objectives.	Yes,  Management measures could include:  • Enforcement of current byelaws • Monitoring and review of current byelaws • Monitoring of fishing activity in the Estuary • Changes can be made to the permit conditions, via consultation, if the D&S IFCA deems it to be necessary. This could include limitations or spatial/temporal restrictions. The permitting system allows for adaptive management.

	iti			hand asias		1
	communities			beach seine		
				netting on the		
				benthic flora and		
				fauna of False		
				Bay. They found		
				no difference in		
				the abundance or		
				species		
				composition		
				between sites		
				inside and		
				outside the seine		
				area. Macrophyte		
				and invertebrate		
				bycatches were		
				infrequent as		
				fishers try to		
				avoid such		
				catches due to		
				reduced capture		
lata attalat	Maintain the	0	A1 : /D: / 1	efficiency	0	0
Intertidal	Maintain the	Commercial	Abrasion/Disturbance of the	See above	See above	See above
mixed	presence and	fishing;	substrate on the surface of the			
sediment	spatial		seabed			
	distribution of	Seine nets and	<ul> <li>Changes in suspended solids</li> </ul>			
	Intertidal mixed	other:	(water clarity)			
	sediment	Beach	<ul> <li>Penetration and/or disturbance of</li> </ul>			
	communities	seine/ring nets	the substratum below the surface			
			of the seabed, including abrasion			
	Maintain the		•Removal of non-target species			
	total extent and		•Removal of target species			
	spatial		Smothering and siltation rate			
	distribution of		changes (Light)			
	intertidal mixed		Griariyes (Light)			
	sediment		Soo Annoy 2 for proceuros audit			
			See Annex 2 for pressures audit			
	(Maintain OR		trail			
	Recover OR					
	Restore) the					
	Kestore) the				1	

	abundance of listed to enable each of them to be a viable component of the habitat  Maintain the species composition of component communities					
Sheltered muddy gravels	Maintain the presence and spatial distribution of sheltered muddy gravel communities  Maintain the total extent and spatial distribution of sheltered muddy gravel  (Maintain OR Recover OR Restore) the abundance of listed to enable each of them to be a viable component of the habitat  Maintain the species	Commercial fishing;  Seine nets and other: Beach seine/ring nets	<ul> <li>Abrasion/Disturbance of the substrate on the surface of the seabed</li> <li>Changes in suspended solids (water clarity)</li> <li>Penetration and/or disturbance of the substratum below the surface of the seabed, including abrasion</li> <li>Removal of non-target species</li> <li>Removal of target species</li> <li>Smothering and siltation rate changes (Light)</li> <li>See Annex 2 for pressures audit trail</li> </ul>	See above	See above	See above

	composition of component communities					
Tentacle lagoon worm (Alkmaria romijni)	Maintain the population size within the site.  Maintain the reproductive and recruitment capability of the species.  Maintain connectivity of the habitat within sites and the wider environment to ensure larval dispersal and recruitment, and / or to allow movement of migratory species.  Maintain the extent and spatial distribution of the following known supporting habitat: intertidal mud.	Commercial fishing; Seine nets and other: Beach seine/ring nets	<ul> <li>Abrasion/Disturbance of the substrate on the surface of the seabed</li> <li>Changes in suspended solids (water clarity)</li> <li>Penetration and/or disturbance of the substratum below the surface of the seabed, including abrasion</li> <li>Removal of non-target species</li> <li>Removal of target species</li> <li>Smothering and siltation rate changes (Light)</li> <li>See Annex 2 for pressures audit trail</li> </ul>	See above	See above	See above

### 13. References

- Caddy, J. F. 1973. Underwater Observations on Tracks of Dredges and Trawls and Some Effects of Dredging on a Scallop Ground. Journal of the Fisheries Research Board of Canada, 30: 173–180. NRC Research Press.
- Curtin. S. (2022) Erme Estuary MCZ Fishing Activity Report. Devon and Severn IFCA Report.
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  https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_d ata/file/914618/mcz-erme-estuary-2019.pdf.
- de Groot, S. J. 1979. An assessment of the potential environmental impact of large-scale sand-dredging for the building of artificial islands in the North Sea. Ocean Management, 5: 211–232.
- Lamberth, S. J., Bennett, B. A., Clark, B. M., and Janssens, P. M. 1995. The impact of beachseine netting on the benthic flora and fauna of False Bay, South Africa. South African Journal of Marine Science, 15: 115–122.
- Natural England (2023) Conservation Advice for Erme Estuary Marine Conservation Zone (MCZ)
- Pierce, C., Rasmussen, J., and Leggett, W. 1990. Sampling Littoral Fish with a Seine: Corrections for Variable Capture Efficiency. Canadian Journal of Fisheries and Aquatic Sciences CAN J FISHERIES AQUAT SCI, 47: 1004–1010.
- Seafish. 2022. Beach Seine. https://www.seafish.org/responsible-sourcing/fishing-gear-database/gear/beach-seine/ (Accessed 18 August 2020).

Annex 1: Site Map(s) 417, Holbeton 🕌 94 Mothecombe Kingston Historic Wks S. Anchorite's Rk Muxham Pt -113 1.5 km Fernycombe Pt Erme estuary boundary layer

Figure 1 – Erme Estuary MCZ

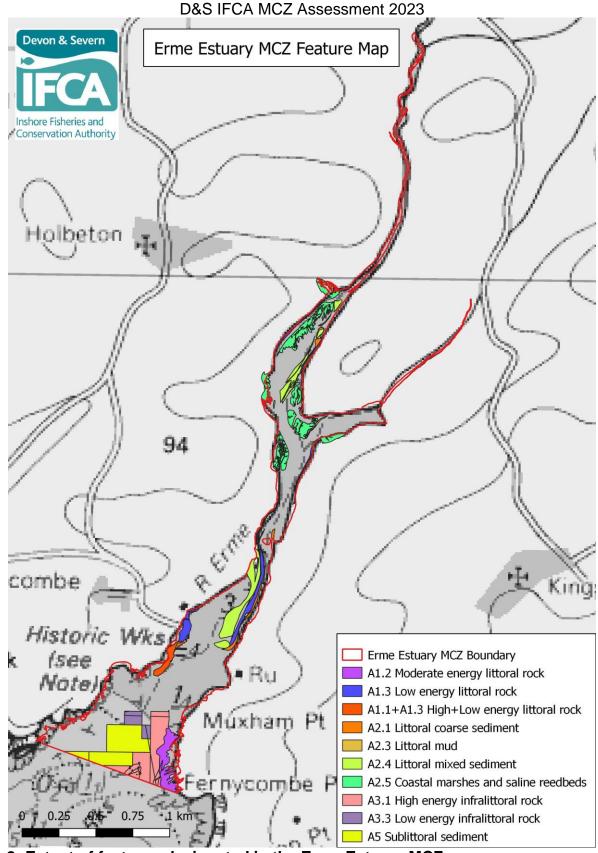
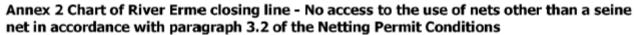
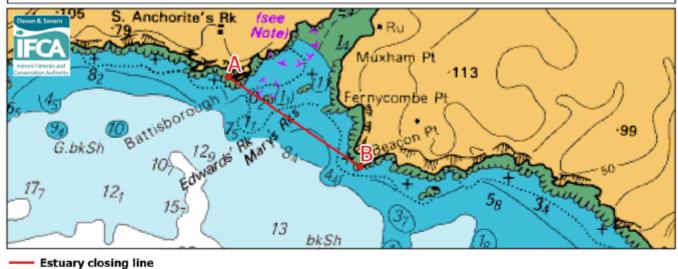


Figure 2: Extent of features designated in the Erme Estuary MCZ





River Erme closing line latitude and longitude positions:

Point	Latitude	Longitude
A (Battisborough Island)	50° 18.243′N	003° 57.834′W
B (Beacon Point)	50° 17.750′N	003° 56.657'W

Figure 3: River Erme closing line latitude and longitude, from Annex 2 to the Netting Permit Byelaw. No access landward of the line to the use of nets other than a seine net in accordance with paragraph 3.2 of the Netting Permit Conditions.

## **Annex 2: Pressures Audit Trail**

Fishing Activity Pressures: Demersal seines	Intertidal coarse sediment	Intertidal mixed sediment	Sheltered muddy gravels	Tentacled lagoon worm ( <i>Alkmaria</i> <i>romiinì</i>	Screening Justification
Abrasion/disturbance of the substrate on the surface of the seabed	<u>NS</u>	<u>S</u>	<u>S</u>		IN - Need to consider spatial scale/intensity of activity to determine likely magnitude of pressure
Changes in suspended solids (water clarity)	<u>NS</u>	<u>S</u>	<u>S</u>		IN - Need to consider spatial scale/intensity of activity to determine likely magnitude of pressure
Penetration and/or disturbance of the substratum below the surface of the seabed, including abrasion	<u>NS</u>	<u>S</u>	lo		IN - Need to consider spatial scale/intensity of activity to determine likely magnitude of pressure
Removal of non-target species		<u>S</u>	<u>S</u>		IN - Need to consider spatial scale/intensity of activity to determine likely magnitude of pressure
Smothering and siltation rate changes (Light)	<u>NS</u>	<u>S</u>	<u>S</u>		IN - Need to consider spatial scale/intensity of activity to determine likely magnitude of pressure
<u>Deoxygenation</u>	<u>NS</u>	<u>S</u>	S)		OUT – Insufficient activity levels to pose risk at level of concern
Hydrocarbon & PAH contamination	<u>NA</u>	<u>NA</u>	<u>NA</u>		OUT – Not applicable
Introduction of light		<u>IE</u>	E		OUT – Insufficient activity levels to pose risk at level of concern
Introduction or spread of invasive non-indigenous species (INIS)	IE	<u>S</u>	<u>S</u>		OUT – Insufficient activity levels to pose risk at level of concern
<u>Litter</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>		OUT – Not applicable
Nutrient enrichment	<u>NS</u>	<u>NS</u>	<u>NS</u>		OUT – Not applicable
Organic enrichment	<u>NS</u>	<u>NS</u>	<u>S</u>		OUT – Insufficient activity levels to pose risk at level of concern
Physical change (to another seabed type)			S		OUT – Insufficient activity levels to pose risk at level of concern
Physical change (to another sediment type)	<u>S</u>	<u>S</u>			OUT – Not applicable
Synthetic compound contamination (incl. pesticides, antifoulants, pharmaceuticals)	<u>NA</u>	<u>NA</u>	<u>NA</u>		OUT – Not applicable
Transition elements & organo-metal (e.g. TBT) contamination	<u>NA</u>	<u>NA</u>	<u>NA</u>		OUT – Not applicable

### **Annex 3: Natural England's consultation advice**

Date: 03 March 2023

Our ref: 417849

Your ref: ERM-MCZ-006

Sarah Clark
Devon and Severn Inshore Fisheries and Conservation Authority
Brixham Laboratory
Freshwater Quarry
Brixham
Devon, TQ5 8BA



Hornbeam House Crewe Business Park Electra Way Crewe Cheshire CW1 6GJ

Dear Sarah,

BY EMAIL ONLY

#### Formal advice to D&S IFCA: Erme Estuary MCZ seine nets on sediment features ERM-MCZ-006

Thank you for the above assessment, received by email on 12<sup>th</sup> January 2023. Natural England is a non-departmental public body. Our statutory purpose is to ensure that the natural environment is conserved, enhanced, and managed for the benefit of present and future generations, thereby contributing to sustainable development.

In 2012, the Department for Environment, Food and Rural Affairs (Defra) announced a revised approach to the management of commercial fisheries in European Marine Sites (EMS)<sup>1</sup>. The revised approach was subsequently extended to ensure fishing activities in Marine Conservation Zones (MCZs) are managed in accordance with the provisions of the Marine and Coastal Access Act 2009.

Assessments have been made of the effects of the following fisheries activities in the Erme Estuary MCZ:

• seine nets on sediment features ref. ERM-MCZ-006

Natural England has considered the assessment prepared by D&S IFCA for the purposes of making an assessment consistent with the provisions of the Marine and Coastal Access Act 2009. Please accept this letter as Natural England's formal advice on the assessment and the conclusions it makes. We are content that the best available and most up to date evidence has been used to carry out the assessment by D&S IFCA officers, to determine whether management of an activity is required to conserve site features, and thus to ensure the protection of the features, from direct and indirect impacts from the collection of marine fisheries resources.

It is Natural England's view that, through their assessments, D&S IFCA has appropriately identified that the above stated activities are not likely to hinder the conservation objectives of the feature of the MCZ.

Please do not hesitate to contact me if you have any questions or require further information.

Yours sincerely,

Jules Webber

julie.webber@naturalengland.org.uk

<sup>1</sup> Defra revised approach: https://www.gov.uk/government/publications/revised-approach-to-the-management-of-commercial-fisheries-in-european-marine-sites-overarching-policy-and-delivery