

Shellfish Classifications England and Wales 2020-21

Designated bivalve mollusc production areas in England and Wales 2020/21

Effective from 1 September 2020 – 31 August 2021

UPDATED: 1 April 2021

Sampling plans for each production area are available on the [CEFAS website](#).

Production Area	Classification Zone	Species ^a	Class	Explanatory Note ^b
Holy Island	Ross Links - R9	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st November – 31 st July (reverting to class B at all other times)
The Wash	Heacham & Hunstanton	<i>Mytilus</i> spp.	B - LT	
		<i>C. edule</i>	B - LT	
	Ouse Mouth	<i>Mytilus</i> spp.	B - LT	4
		<i>C. edule</i>	B - LT	4
	Nene Mouth	<i>Mytilus</i> spp.	B - LT	
		<i>C. edule</i>	B - LT	
	Mare Tail, Gat and Toft	<i>Mytilus</i> spp.	B - LT	
	Welland and Witham Inner	<i>Mytilus</i> spp.	B	
	Welland and Witham Outer	<i>Mytilus</i> spp.	C	
<i>C. edule</i>		C		
Freiston to Wainfleet	<i>C. edule</i>	B - LT		
Brancaster	Brancaster	<i>C. edule</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
Blakeney	South Side	<i>C. gigas</i>	B - LT	
	Wells – The Pool	<i>Mytilus</i> spp.	B	4
	Simpool Head	<i>Mytilus</i> spp.	B	
Butley	Butley Oysterage	<i>C. gigas</i>	B - LT	
Deben	Girlings Hard	<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Shottisham Creek	<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Spinny Marsh	<i>C. gigas</i>	B - LT	
	Stonner Point	<i>C. gigas</i>	B - LT	
<i>Mytilus</i> spp.		B - LT		

Colne	Brightlingsea Creek Inner	<i>C. gigas</i>	B - LT		
		<i>M. mercenaria</i>	B - LT		
	Brightlingsea Creek Outer	<i>C. gigas</i>	B - LT		
	Brightlingsea Creek Outer	<i>M. mercenaria</i>	B - LT		
	Main Channel Central	<i>C. gigas</i>	B - LT		
		<i>M. mercenaria</i>	B - LT		
		<i>O. edulis</i>	B - LT		
		<i>Tapes</i> spp.	B		
	Main Channel Outer	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	Pyefleet Channel	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
<i>C. edule</i>		C			
West Mersea	Little Ditch	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st November – 31 st August (reverting to class B at all other times)	
		<i>O. edulis</i>			
	Mersea Flats East	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	Mersea Flats West	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	Ray Creek	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	Salcott Channel	<i>C. gigas</i>	B		
		<i>O. edulis</i>	B		
		<i>M. mercenaria</i>	B		
	Strood Channel	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	Tollesbury North	<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
		<i>M. mercenaria</i>	B - LT		
	Blackwater	Buxey Sands & Dengie Flats	<i>C. edule</i>	Seasonal A/B	Class A season 1 st December – 31 st July (reverting to class B at all other times)
		Central Blackwater	<i>C. gigas</i>	B - LT	
<i>O. edulis</i>			B - LT		
<i>M. mercenaria</i>			B - LT		
Goldhanger		<i>C. gigas</i>	B - LT		
		<i>O. edulis</i>	B - LT		
	<i>M. mercenaria</i>	B - LT			

	Osea South	<i>C. gigas</i>	B - LT	4
		<i>O. edulis</i>	B - LT	4
	Outer Blackwater	<i>C. gigas</i>	A	
		<i>O. edulis</i>	A	
		<i>M. mercenaria</i>	A	
	Ray Channel	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st November – 31 st July (reverting to class B at all other times)
		<i>O. edulis</i>		
	St Peter's Flats	<i>C. gigas</i>	A	
	St Peters & Batchelor	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st October – 31 st July (reverting to class B at all other times)
	St Peters & Batchelor	<i>O. edulis</i>		
Crouch	Brandy Hole	<i>C. gigas</i>	B - LT	
	Bridgemarsh	<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
	Easter Reach	<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
		<i>Mytilus</i> spp.	B	4
	Fambridge	<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
Outer Crouch	<i>O. edulis</i>	B - LT		
Roach	Barlinghall Creek	<i>C. gigas</i>	B	4
		<i>M. mercenaria</i>	B	4
		<i>O. edulis</i>	B	4
		<i>Mytilus</i> spp.	B	4
	Middleway	<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
	Inner Roach	<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
	Paglesham Pool	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st December –

				31 st August (reverting to class B at all other times)
	Paglesham Reach	<i>C. gigas</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
Thames Estuary	Maplin West	<i>C. edule</i>	Seasonal A/B	1 Class A season 1 st June – 31 st October (reverting to class B at all other times)
	Maplin Central	<i>C. edule</i>	A	1
	Maplin East	<i>C. edule</i>	Seasonal A/B	1 Class A season 1 st June – 31 st October (reverting to class B at all other times)
	East of Southend Pier	<i>C. gigas</i>	B	
	Leigh Foreshore	<i>C. edule</i>	C	
		<i>Mytilus</i> spp.	C	
	Phoenix	<i>C. edule</i>	A	
	Barrow Deep	<i>O. edulis</i>	Seasonal A/B	Class A season 1 st December – 30 th September (reverting to class B at all other times)
	Black Deep	<i>Ensis</i> spp.	A	
	East Barrows	<i>C. edule</i>	B	Preliminary
	West Barrows (Zone 9)	<i>C. edule</i>	B	Preliminary
	Barrows (Zone 12)	<i>C. edule</i>	B	Preliminary
	Southend Flats	<i>Mytilus</i> spp.	C	
		<i>C. edule</i>	C	
	West of Southend Pier	<i>C. gigas</i>	B - LT	
	East Cant, Middle and Red Sand – TECFO Area 11	<i>C. edule</i>	C	Preliminary
	West Cant and Scrapsgate – TECFO Area 13 (modified)	<i>C. edule</i>	B - LT	
	North Sheppey	<i>Mytilus</i> spp.	B - LT	1
	Swale	Swale Causeway	<i>C. gigas</i>	B - LT
<i>O. edulis</i>			B - LT	1c
Swale Inner North		<i>C. gigas</i>	B - LT	1c & 4

	Swale Inner South	<i>C. gigas</i>	B - LT	1c
	Swale Outer	<i>C. gigas</i>	B - LT	1c
		<i>C. edule</i>	C	Preliminary
North Kent Coast	Hampton Pier	<i>C. gigas</i>	Seasonal B/C	Class B season 1 st September – 31 st January (reverting to class C at all other times)
		<i>Mytilus</i> spp.		
		<i>O. edulis</i>		
	Swalecliffe	<i>Mytilus</i> spp.	B	
		<i>C. gigas</i>	B	
	Kentish Flats	<i>O. edulis</i>	A	
	Off Leysdown	<i>O. edulis</i>	A	
	Pollard	<i>C. edule</i>	B - LT	
		<i>Tapes</i> spp.	B - LT	
	South Oaze	<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
	Swale Entrance	<i>C. edule</i>	B - LT	
	Westbeach	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
Whitstable Bay	<i>O. edulis</i>	B - LT		
North Margate Sand and Pan Sands (TECFO Area 15)	<i>C. edule</i>	B	1	
Chichester Harbour	Emsworth Channel	<i>O. edulis</i>	B - LT	1c
	Thorney	<i>O. edulis</i>	C	1c
Langstone Harbour	South East Langstone Harbour	<i>M. mercenaria</i>	B - LT	
	Langstone Channel	<i>O. edulis</i>	C	
		<i>C. gigas</i>	C	
Portsmouth Harbour	East Harbour	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Fareham Lake	<i>M. mercenaria</i>	B	
	Fareham Lake Middle	<i>O. edulis</i>	C	
		<i>C. gigas</i>	C	
	West Harbour	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
<i>C. gigas</i>		B - LT		
Solent	Chilling to Gilkicker Point	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Ryde Middle & Sturbridge	<i>O. edulis</i>	B	

Southampton Water	Hamble Estuary	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>Tapes spp.</i>	C	
	Southampton Water – Off Fawley	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Bird Pile	<i>Tapes spp.</i>	C	
		<i>M. mercenaria</i>	C	
Weston Shelf	<i>Tapes spp.</i>	C	1	
Near Netley	<i>Tapes spp.</i>	C	1	
Poole Harbour	Brands Bay	<i>C. edule</i>	Seasonal A/B	Class A season 1 st May – 30 th November (reverting to class B at all other times)
		<i>Tapes spp.</i>		
		<i>M. mercenaria</i>		
	Poole Harbour North	<i>C. edule</i>	B - LT	1c
		<i>C. gigas</i>	B - LT	
		<i>Mytilus spp.</i>	B - LT	1c
		<i>O. edulis</i>	B - LT	
		<i>Tapes spp.</i>	B - LT	1c
		<i>M. mercenaria</i>	B - LT	
	Rockley	<i>C. edule</i>	Seasonal B/C	4 Class B season 1 st May - 31 st January (reverting to class C at all other times)
		<i>Mytilus spp.</i>		
		<i>Tapes spp.</i>		
		<i>M. mercenaria</i>		
	SW Brownsea Island	<i>C. edule</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>Tapes spp.</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
	Wareham Channel	<i>C. edule</i>	B - LT	
		<i>Tapes spp.</i>	B - LT	
		<i>Mytilus spp.</i>	B - LT	
		<i>M. mercenaria</i>	B - LT	
	Whitley Lake (revised zone)	<i>C. edule</i>	B - LT	
<i>Tapes spp.</i>		B - LT		
<i>M. mercenaria</i>		B - LT		
Wych Lake	<i>C. edule</i>	B - LT		
	<i>Tapes spp.</i>	B - LT		
	<i>M. mercenaria</i>	B - LT		
The Fleet	Fleet Oyster Farm	<i>C. gigas</i>	Seasonal A/B	Class A season 1 st March – 31 st December (reverting to

				class B at all other times)
Lyme Bay	Site 1	<i>Mytilus spp.</i>	Seasonal A/B	Class A season 1 st July – 30 th September (reverting to class B at all other times)
	Site 2	<i>Mytilus spp.</i>	Seasonal A/B	Class A season 1 st April – 30 th September (reverting to class B at all other times)
Exe	Dawlish to Starcross	<i>C. gigas</i>	B - LT	1c
		<i>Mytilus spp.</i>	B - LT	1c
	Exe Approaches	<i>Mytilus spp.</i>	B - LT	1c
	Sandy Bay	<i>S. solida</i>	B	1c & 4
Teign	Gas Works	<i>Mytilus spp.</i>	B - LT	4
	Gas Works 2	<i>C. gigas</i>	Seasonal B/C	Class B season 1 st February to 31 st August (reverting to class C at all other times) 1c
	Labrador Bay	<i>Mytilus spp.</i>	B	1
Brixham	Brixham	<i>Mytilus spp.</i>	B - LT	
Dart	Long Wood	<i>C. gigas</i>	B - LT	
	Waddeton	<i>Mytilus spp.</i>	C	1
Start Bay	Off Strete	<i>S. solida</i>	A	
	Slapton	<i>S. solida</i>	B - LT	1c
Bigbury and Avon	South Hexdown	<i>C. gigas</i>	Seasonal B/C	Class B Season 1 st December – 31 st July (reverting to class C at all other times)
	East Bank	<i>C. gigas</i>	C	
	West Bank	<i>C. gigas</i>	C	
Yealm	Fox Cove	<i>C. gigas</i>	B	

	Thorn	<i>C. gigas</i>	Seasonal B/C	Class B Season 1 st December – 31 st May (reverting to class C at all other times)
Lantivet Bay	Lantivet Bay	<i>Ensis</i> spp.	B	1
St Austell Bay	Ropehaven	<i>Mytilus</i> spp.	Seasonal A/B	Class A season 1 st June – 31 st October (reverting to class B at all other times)
	Ropehaven Outer	<i>Ensis</i> spp.	A	1
		<i>Mytilus</i> spp.	A	1
	Landrion Point to Gerrans Point	<i>Ensis</i> spp.	B	1
Mevagissey Bay	South Mevagissey	<i>Mytilus</i> spp.	B	1
	Pentewan	<i>Ensis</i> spp.	B	1
Percuil	All Beds	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
Fal (Upper)	Coombe Creek	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Grimes Bar	<i>O. edulis</i>	B - LT	4
		<i>C. gigas</i>	B - LT	4
	King Harry Reach	<i>O. edulis</i>	B	4
		<i>C. gigas</i>	B	4
	King Harry Reach mussel lines	<i>Mytilus</i> spp.	B	
	Maggoty Bank	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Tolverne	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Ruan Pontoon/ Tregothnan	<i>Mytilus</i> spp.	B - LT	4
	Turnaware Bar	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
East Bank Mussels	<i>Mytilus</i> spp.	B		
Fal (Lower)	Mylor Bank	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>M. varia</i>	B	1
	East Bank	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>M. varia</i>	B	1
	Parsons Bank	<i>O. edulis</i>	B - LT	
<i>C. gigas</i>		B - LT		
Mylor Creek	<i>Mytilus</i> spp.	B - LT		

		<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Restronguet Creek	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	St. Just	<i>Mytilus</i> spp.	Seasonal A/B	Class A season 1 st November – 31 st July (reverting to class B at all other times)
	Falmouth Wharves	<i>O. edulis</i>	C	1
		<i>C. gigas</i>	C	1
Helford	Porth Navas Quay	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	East of Groyne Point	<i>O. edulis</i>	B	1
		<i>C. gigas</i>	B	1
	South of Porth Navas Bar	<i>O. edulis</i>	B	
		<i>C. gigas</i>	B	
Porthallow	Porthallow Cove North	<i>Mytilus</i> spp.	A	
Camel	Ball Hill	<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Gentle Jane	<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Longlands	<i>C. gigas</i>	B - LT	
	Porthilley Rock	<i>C. gigas</i>	B - LT	
	Porthilly Cove	<i>Mytilus</i> spp.	B - LT	
Taw/Torridge	Coolstone	<i>Mytilus</i> spp.	B - LT	
	Lifeboat Slip	<i>Mytilus</i> spp.	B - LT	
	Outer Estuary (main beds)	<i>Mytilus</i> spp.	B - LT	
	Power Station	<i>Mytilus</i> spp.	Seasonal B/C	Class B Season 1 st March – 31 st July (reverting to class C at all other times)
	Zeta Berth	<i>C. gigas</i>	B - LT	
Porlock	Oyster Perch	<i>C. gigas</i>	Seasonal A/B	Class A Season 1 st March – 31 st August (reverting to class B at all other times)
Swansea Bay	Queen's Dock	<i>Mytilus</i> spp.	B	4

Burry Inlet	Dalton's Point	<i>C. edule</i>	C	1 & 4 Preliminary
	Northside: West	<i>C. edule</i>	B - LT	1c
	Pwll	<i>Mytilus</i> spp.	B - LT	1c & 4
	South Mid	<i>C. edule</i>	C	1 & 4 Preliminary
	Southside: South East 4	<i>C. edule</i>	C	1c & 4
	Whiteford Point	<i>C. edule</i>	B - LT	4
<i>Mytilus</i> spp.		B	4	
Three Rivers	Taf	<i>C. edule</i>	C	1
	Gwendraeth	<i>C. edule</i>	C	1
Milford Haven	Tethys	<i>O. edulis</i>	A	1
		<i>C. gigas</i>	A	1
Menai Straits – West	Abermenai	<i>Mytilus</i> spp.	B - LT	
	Area 11	<i>C. gigas</i>	B - LT	1c
	Barras	<i>Mytilus</i> spp.	B - LT	
	Barras	<i>C. gigas</i>	B - LT	
	Llanfairisgaer	<i>Mytilus</i> spp.	B - LT	1
	Traeth Melynog	<i>C. edule</i>	B - LT	
Menai Straits East	Area A	<i>Mytilus</i> spp.	B	1
	Area 1	<i>Mytilus</i> spp.	B - LT	1
	Areas 2 & B	<i>Mytilus</i> spp.	B	1
	Areas 3 & 4	<i>Mytilus</i> spp.	B	1
	Areas 5 & B	<i>Mytilus</i> spp.	B - LT	1 & 4
	Area 6	<i>Mytilus</i> spp.	B	1
	Lavan East	<i>C. edule</i>	B	1
	Lavan West	<i>C. edule</i>	B - LT	1
Anglesey – Red Wharf Bay	All beds	<i>C. edule</i>	B - LT	1c
Conwy	Cae Conwy & Scabs	<i>Mytilus</i> spp.	B - LT	1c
	Morfa, Gamlwys & Green Island	<i>Mytilus</i> spp.	B - LT	1c
	Conwy Bridge	<i>Mytilus</i> spp.	B - LT	1c & 4
Dee	Caldy Blacks	<i>C. edule</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Salisbury	<i>C. edule</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Salisbury Middle	<i>C. edule</i>	B - LT	
	Thurstaston	<i>C. edule</i>	B - LT	
	Thurstaston	<i>Mytilus</i> spp.	B - LT	
	West Kirby	<i>C. edule</i>	B - LT	4
<i>Mytilus</i> spp.		B - LT	4	

Liverpool Bay	Leasowe and New Brighton	<i>C. edule</i>	Seasonal B/C	Class B season 1 st October - 31 st May (reverting to class C at all other times)
Ribble	Ribble Walls North	<i>Mytilus</i> spp.	C	
Lune	Pilling Sands	<i>C. edule</i>	Seasonal B/C	Class B season 1 st November - 31 st May (reverting to class C at all other times)
Morecambe Bay – Roosebeck	Roosebeck	<i>C. gigas</i>	B - LT	
	Central West	<i>C. edule</i>	B - LT	1c
	Central East	<i>C. edule</i>	B - LT	1c
	Newbiggin	<i>C. edule</i>	B	
Morecambe Bay – Barrow	Foulney	<i>Mytilus</i> spp.	B - LT	
Silloth	Silloth - South (Lees Scar)	<i>Mytilus</i> spp.	B - LT	

Designated relaying areas for bivalve molluscs in England and Wales

Effective from 1 September 2020

Production Area	Relay Area	Species	Class	Explanatory Note ^b
Poole Harbour	South Deep	<i>O. edulis</i>	B – LT	
Poole Harbour	West Brownsea Relay	<i>Mytilus</i> spp. (to represent <i>C. edule</i>)	B – LT	1c
Percuil	Percuil relay	<i>Mytilus</i> spp.	B – LT	
Porlock	Porlock relay	<i>C. gigas</i>	A	
Porlock	Porlock East relay	<i>C. gigas</i>	A	

Declassified bivalve mollusc areas in England and Wales

Effective from 1 September 2020

Production Area	Classification Zone	Species ^a	Class	Explanatory Note ^b
Brancaster	Thornham	<i>C. gigas</i>	B – LT	7
West Mersea	Tollesbury – Old Hall Creek relay area	<i>C. gigas</i> (to also represent <i>O. edulis</i> & <i>M. Mercenaria</i>)	B – LT	7
Colne	Geedon Creek	<i>C. edule</i>	C	7
	Geedon Creek	<i>O. edulis</i>	B – LT	7
	Geedon Creek	<i>C. gigas</i>	B – LT	7
Roach	Inner Roach	<i>Tapes</i> spp.	C	4 & 7
	Barlinghall Creek	<i>Tapes</i> spp.	C	4 & 7
Chichester Harbour	Cobnor	<i>O. edulis</i>	B - LT	2
	Dell Quay	<i>O. edulis</i>	B	2
Beaulieu River	Landing Stage	<i>Tapes</i> spp.	B	7
		<i>C. edule</i>	B	7
		<i>Mytilus</i> spp.	B	7
		<i>O. edulis</i>	B	7
		<i>C. gigas</i>	B	7
		<i>M. mercenaria</i>	B	7
Poole Bay	Poole Coastal	<i>O. edulis</i>	B	2
		<i>C. gigas</i>	B	2
Lyme Bay	Chiswell to Abbotsbury	<i>Ensis</i> spp.	A	7
	West Bay to Abbotsbury	<i>Ensis</i> spp.	A	7
Salcombe	Geese Quarries	<i>C. gigas</i>	B - LT	4 & 7
Dart	Flat Owers	<i>C. gigas</i>	B - LT	2
	Sandridge Boathouse	<i>C. gigas</i>	B - LT	4 & 7
	Higher Gurrew Point	<i>C. gigas</i>	B - LT	4 & 7
Yealm	Fox Cove	<i>Mytilus</i> spp.	C	7

Fowey	Pont Pill	<i>Mytilus</i> spp.	B - LT	7
Fal (Upper)	Turnaware Pontoon/South Wood	<i>Mytilus</i> spp.	C	2
	Ruan Creek	<i>Mytilus</i> spp.	C	7
	Tolverne	<i>Mytilus</i> spp.	C	2
Helford	Calamasack Relay Area	<i>Mytilus</i> spp.	B	7
Taw/Torridge	Chivenor	<i>Mytilus</i> spp.	C	2
	Zeta Berth	<i>Mytilus</i> spp.	B	7
	Westleigh	<i>C. gigas</i>	B - LT	7
Anglesey – Inland Sea	Gorsedd-y-Penrhyn	<i>Mytilus</i> spp.	B - LT	2
Dee	Mostyn/Talacre	<i>C. edule</i>	B - LT	7
Ribble	Penfold North	<i>C. edule</i>	C	2
Lune	Wyre Approaches	<i>Mytilus</i> spp.	C	7
	Wyre Estuary	<i>Mytilus</i> spp.	Seasonal B	7
Morecambe Bay - East	Bare Ayre	<i>Mytilus</i> spp.	B - LT	2
	Heysham Flat Skeer	<i>Mytilus</i> spp.	B - LT	2
	Old Skeer	<i>Mytilus</i> spp.	B - LT	2
	Keer Channel	<i>C. edule</i>	B	7
Silloth	Dubmill Scar	<i>C. gigas</i>	B - LT	7

Designated **prohibited areas for bivalve mollusc production in England and Wales**

Effective from 1 September 2020

Shellfish from the areas listed below must NOT be harvested or subject to production

Production area	Bed name
Chichester Harbour	Prinstead
Portsmouth Harbour	Paulsgrove and Portchester
Southampton Water	Itchen River – Above Itchen Bridge
	Hythe
	Eling
Beaulieu River	Bailey's Hard
Medina	Dodnor
Poole	Lytchett Bay
Plymouth	Plym – All beds
	Tamar – All beds above Henn Point
Exe	Starcross to Powderham
Fowey	Wisemans
Fal (Lower)	Turnaware Point Relay (Upper zone)
Liverpool Bay	Mersey (Wallasey)
Ribble	Ribble Channel
Dee	Thurstaston East
Silloth	Silloth South (Catherinehole Scar)
Morecambe Bay - Roosebeck	Aldingham

Supplementary information

- a. All the areas listed are designated for species that may be harvested as well as the classification of the shellfish waters. If other species than those listed are present then advice should be sought from the contact points listed on the letter to this Annex prior to any harvesting. The various species designated in the listing are as follows:

Scientific Name	Common Names
<i>Cerastoderma edule</i>	Common edible cockle
<i>Mytilus</i> spp.	<i>Mytilus edulis</i> (blue mussel), <i>Mytilus galloprovincialis</i> (Mediterranean mussel) and hybrids
<i>Ostrea edulis</i>	Native or Flat Oyster
<i>Crassostrea gigas</i>	Pacific Oyster
<i>Mercenaria mercenaria</i>	Hard clam
<i>Spisula solida</i>	Thick trough shell
<i>Ensis</i> spp.	Razor clams
<i>Pecten maximus</i>	Great or King scallop
<i>Mya arenaria</i>	Gapers
<i>Mimachlamys varia</i>	Variegated scallop
<i>Tapes</i> spp.	<i>Tapes philippinarum</i> (Manila clam), <i>Tapes decussatus</i> (Palourde, native clam or carpet shell clam)

- b. The numbers in the "Explanatory note" column indicate that additional information needs to be considered in relation to the classification status of an area.
- 1 Classification is provisional due to insufficient sample results, either in number or period of time covered, or for those returning less than 10 samples in the review year.
 - 1c 2019-20 sampling difficulties and shortfall in results were due to the impact of Covid-19. If other factors were also the cause of a shortfall then a 1c has been given only where the number of results missed specifically due to Covid has caused the number of samples to be less than 10 over the review year.
 - 2 Temporarily declassified because the bed is not commercially active and a reduced rate of monitoring has been agreed with the Local Authority.
 - 3 Insufficient sample results to fully assess impact of changes in water quality, e.g. new sewerage and sewage treatment schemes, tourism factors etc.

- 4 Area classified at higher level due to results close to the tolerance limit. A downgrade may be possible if further failures are returned.
 - 5 Area classified at higher level as there is evidence that exceptional factors may have affected the sampling results (e.g. sewage treatment works failure, greater than 1 in 5 year rainfall event etc.).
 - 6 Area classified at lower level due to enforcement issues.
 - 7 Bed believed to be of commercial interest but declassified because an insufficient number of samples were received covering the review year, or for those beds that are not being monitored at all (this is allowed for up to 2 years).
 - 8 Area classified at a lower level due to results close to the tolerance limit. An upgrade may be possible if future results are favourable.
- c. A 'Seasonal classification' may be considered when sample results indicate a clear and consistent period when the shellfish are of a better quality to be harvested compared to the rest of the year. The period for which the seasonal classification applies is indicated.

Buffer periods – Season with 'better' classification must be preceded by a buffer period (one month) which must also comply with the better classification although harvesting during this buffer period may only take place at the 'worse' classification. The season as defined on the listing may commence at the better classification once the buffer period has ended, providing the sample taken during the buffer period complies with the better classification i.e. 1 sample ≤ 230 *E. coli* /100g (for class A) or $\leq 4,600$ *E. coli* /100g (for class B)

All bivalve molluscs intended for immediate human consumption need to comply with the end product standard requirements, as required under Chapter V of EC Regulation 852/2004 and specified in EC Regulation 2073/2005 on microbiological criteria for foodstuffs.

- d. LT denotes Long Term classification applies.
- e. Bivalve mollusc production areas are classified A, B or C according to bacteriological criteria (levels of *E. coli* found in samples from the site). This is in accordance with the requirements in EC Regulation 2019/627 Chapter 3. Below is a table indicating the criteria for each of the categories and an indication of what treatment is required before molluscs can be placed on the market.

Category	Criteria	Treatment
Class A	Molluscs must contain 80% of results ≤ 230 <i>E.coli</i> per 100 grams of flesh, no results exceeding 700 <i>E.coli</i> per 100g flesh	Molluscs can be harvested for direct human consumption
Class B	90% of sampled molluscs must be $\leq 4,600$ <i>E.coli</i> 100 grams of flesh; samples must not exceed 46,000 <i>E. coli</i> per 100 grams of flesh	Molluscs can go for human consumption after purification in an approved plant OR after relaying in an approved Class A relaying area OR after an EC approved heat treatment process. All samples must be less than 46,000 <i>E.coli</i> /100g.
Class C	Molluscs must contain $\leq 46,000$ <i>E. coli</i> per 100 grams of flesh	Molluscs can go for human consumption only after:

		<ul style="list-style-type: none"> ○ Relaying for at least two months in an approved class B relaying area followed by treatment in an approved purification centre. OR ○ Relaying for at least 2 months in an approved class A relaying area. OR ○ An EC approved heat treatment process.
Prohibited Area	Above 46,000 <i>E. coli</i> per 100 grams of flesh	Must not be harvested or offered for human consumption