

**DESIGNATED BIVALVE MOLLUSC PRODUCTION AREAS IN
ENGLAND AND WALES 2018/2019**

EFFECTIVE FROM 25 APRIL 2019

Production Area	Classification Zone	Species^a	Class	Explanatory Note^b
Holy Island (Sampling Plan)	Ross Links - R9	<i>C. gigas</i>	B - LT	
The Wash (Sampling Plan)	Heacham & Hunstanton	<i>Mytilus</i> spp.	B - LT	
		<i>C. edule</i>	B - LT	
	Ouse Mouth	<i>Mytilus</i> spp.	B - LT	
		<i>C. edule</i>	B - LT	
	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.	Seasonal B	Transition period 1 st November – 31 st December Class B season 1 st January – 31 st May (reverting to class C at all other times)
Welland and Witham Outer	<i>Mytilus</i> spp.	B	4	
	<i>C. edule</i>	B	4	
Freiston to Wainfleet	<i>C. edule</i>	B - LT		
Brancaster (Sampling Plan)	Brancaster	<i>C. edule</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
Blakeney (Sampling Plan)	South Side	<i>C. gigas</i>	B - LT	
	Wells – The Pool	<i>Mytilus</i> spp.	B - LT	
Butley (Sampling Plan)	Butley Oysterage	<i>C. gigas</i>	B - LT	
Deben (Sampling Plan)	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 (Sampling Plan)	Brightlingsea Creek Inner	<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B	
	Brightlingsea Creek Outer	<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B	
	Geedon Creek	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
Main Channel Central	<i>C. gigas</i>	B - LT		

		<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Main Channel Outer	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Pyefleet Channel	<i>C. gigas</i>	B - LT	4
		<i>O. edulis</i>	B - LT	4
West Mersea (Sampling Plan)	Little Ditch	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Mersea Flats East	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Mersea Flats West	<i>C. gigas</i>	A	
		<i>O. edulis</i>	A	
	Ray Creek	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Salcott Channel	<i>C. gigas</i>	B	4
		<i>O. edulis</i>	B	4
		<i>M. mercenaria</i>	B	4
	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 (Sampling Plan)	Buxey Sands	<i>C. edule</i>	A	
	Central Blackwater	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Dengie Flats	<i>C. edule</i>	A	
	Goldhanger	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Osea South	<i>C. gigas</i>	B	
		<i>O. edulis</i>	B	
	Outer Blackwater	<i>C. gigas</i>	A	
		<i>O. edulis</i>	A	
	Ray Channel	<i>C. gigas</i>	B	
		<i>O. edulis</i>	B	
	St Peter's Flats	<i>C. gigas</i>	A	
St Peters & Batchelor	<i>C. gigas</i>	B		
	<i>O. edulis</i>	B		
Crouch (Sampling Plan)	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>	A	
		<i>Mytilus</i> spp.	B	
	Fambridge	<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B - LT	
Outer Crouch	<i>O. edulis</i>	B - LT		
Roach	Barlinghall Creek	<i>C. gigas</i>	B - LT	

(Sampling Plan)		<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Middleway	<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B	
		<i>Mytilus</i> spp.	B	
		<i>O. edulis</i>	B	
		<i>Mytilus</i> spp.	B	
	Inner Roach	<i>O. edulis</i>	B	
		<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B	
		<i>C. gigas</i>	B - LT	
	Paglesham Pool	<i>C. gigas</i>	B - LT	
Paglesham Reach	<i>C. gigas</i>	B - LT		
	<i>M. mercenaria</i>	B - LT		
	<i>O. edulis</i>	B - LT		
Thames Estuary (Sampling plan)	Maplin West	<i>C. edule</i>	B - LT	
	Maplin Central	<i>C. edule</i>	B - LT	
	Maplin East	<i>C. edule</i>	B - LT	
	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>	B - LT	
	Barrow Deep	<i>O. edulis</i>	B	
	East Barrows	<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	4	
Swale (Sampling Plan)	North Sheppey	<i>C. edule</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Swale Causeway	<i>C. gigas</i>	B - LT	1
		<i>O. edulis</i>	B - LT	1
	Swale Inner North	<i>C. gigas</i>	B	
	Swale Inner South	<i>C. gigas</i>	B	
	Swale Outer	<i>C. gigas</i>	B - LT	
North Kent Coast (Sampling Plan)	Hampton Pier	<i>C. gigas</i>	B	4
		<i>Mytilus</i> spp.	B	4
		<i>O. edulis</i>	B	4
	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	
Chichester Harbour (Sampling plan)	Emsworth Channel	<i>O. edulis</i>	B - LT	
Langstone Harbour (Sampling Plan)	South East Langstone Harbour	<i>M. mercenaria</i>	B	
	Langstone Channel	<i>O. edulis</i>	B	4
		<i>C. gigas</i>	B	4
Portsmouth Harbour (Sampling Plan)	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	Preliminary
	Fareham Lake Middle	<i>O. edulis</i>	C	
		<i>C. gigas</i>	C	
	Paulsgrove and Portchester	<i>C. edule</i>	C	
		<i>Tapes</i> spp.	C	
	West Harbour	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
<i>C. gigas</i>		B - LT		
Solent (Sampling Plan)	Chilling to Gilkicker Point	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Ryde Middle & Sturbridge	<i>O. edulis</i>	B	Preliminary
Southampton Water (Sampling Plan)	Hamble Estuary	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Southampton Water – Off Fawley	<i>M. mercenaria</i>	B - LT	
		<i>O. edulis</i>	B - LT	
	Bird Pile	<i>Tapes</i> spp.	C	
<i>M. mercenaria</i>		C		
Beaulieu River (Sampling plan)	Landing Stage	<i>Tapes</i> spp.	B	
		<i>C. edule</i>	B	
		<i>Mytilus</i> spp.	B	
		<i>O. edulis</i>	B	
		<i>C. gigas</i>	B	
		<i>M. mercenaria</i>	B	
Poole Harbour (Sampling Plan)	Brands Bay	<i>C. edule</i>	B - LT	
		<i>Tapes</i> spp.	B - LT	
	Poole Harbour North	<i>C. edule</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>Tapes</i> spp.	B - LT	
	Rockley	<i>C. edule</i>	Seasonal C	Transition period 1 st April – 31 st May Class B season 1 st June –
		<i>Mytilus</i> spp.	Seasonal C	
<i>Tapes</i> spp.		Seasonal C		

				31 st January (reverting to class C at all other times)
	SW Brownsea Island	<i>C. edule</i>	B - LT	
		<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
		<i>Tapes</i> spp.	B - LT	
	Wareham Channel	<i>C. edule</i>	Seasonal C	Transition period 1 st April – 31 st May Class B season 1 st June – 31 st January (reverting to class C at all other times)
		<i>Tapes</i> spp.	Seasonal C	
		<i>Mytilus</i> spp.	Seasonal C	
	Whitley Lake (revised zone)	<i>C. edule</i>	B	
		<i>Tapes</i> spp.	B	
	Wych Lake	<i>C. edule</i>	B - LT	4
<i>Tapes</i> spp.		B - LT	4	
Poole Coastal	<i>C. gigas</i>	B	1	
	<i>O. edulis</i>	B	1	
The Fleet (Sampling Plan)	Fleet Oyster Farm	<i>C. gigas</i>	B - LT	
Lyme Bay (Sampling Plan)	Site 1	<i>Mytilus</i> spp.	Seasonal A	Transition period 1 st January – 31 st January Class A season 1 st February to 30 th September (reverting to class B at all other times)
	Site 2	<i>Mytilus</i> spp.	Seasonal A	Transition period 1 st March – 31 st March Class A season 1 st April - 30 th September (reverting to class B at all other times)
Exe (Sampling Plan)	Dawlish to Starcross	<i>C. gigas</i>	B	Preliminary
	Dawlish to Starcross	<i>Mytilus</i> spp.	B	
	Exe Approaches	<i>Mytilus</i> spp.	B - LT	
	Sandy Bay	<i>S. Solida</i>	B	1
Teign (Sampling Plan)	Gas Works	<i>Mytilus</i> spp.	B	
	Gas Works 2	<i>C. gigas</i>	B	
	Labrador Bay	<i>Mytilus</i> spp.	B	1
Brixham (Sampling Plan)	Brixham	<i>Mytilus</i> spp.	B - LT	
Dart (Sampling Plan)	Flat Owers	<i>C. gigas</i>	B - LT	
	Higher Gurrew Point	<i>C. gigas</i>	B - LT	
	Longwood	<i>C. gigas</i>	B - LT	

	Sandridge Boathouse	<i>C. gigas</i>	B - LT	
	Waddeton	<i>C. gigas</i>	B	
Start Bay (Sampling plan)	Strete	<i>S. solida</i>	B - LT	
	Slapton	<i>S. solida</i>	B - LT	
Bigbury and Avon (Sampling plan)	South Hexdown	<i>C. gigas</i>	C	
Yealm (Sampling Plan)	Fox Cove	<i>C. gigas</i>	B - LT	
		<i>Mytilus</i> spp.	C	4
	Thorn	<i>C. gigas</i>	B - LT	
Lantivet Bay (Sampling plan)	Lantivet Bay	<i>Ensis</i> spp.	B	
Fowey (Sampling Plan)	Pont Pill	<i>Mytilus</i> spp.	B - LT	
St Austell Bay (Sampling Plan)	Ropehaven	<i>Mytilus</i> spp.	B - LT	
	Ropehaven Outer	<i>Ensis</i> spp.	B	
		<i>Mytilus</i> spp.	B - LT	
Percuil (Sampling Plan)	All Beds	<i>C. gigas</i>	B - LT	
		<i>O. edulis</i>	B - LT	
Fal (Upper) (Sampling Plan)	Coombe Creek	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Grimes Bar	<i>O. edulis</i>	B	4
		<i>C. gigas</i>	B	4
	King Harry Reach	<i>O. edulis</i>	B	
		<i>C. gigas</i>	B	
	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	4
		<i>C. gigas</i>	B - LT	4
	Ruan Pontoon/ Tregothnan	<i>Mytilus</i> spp.	B	
	Ruan Creek	<i>Mytilus</i> spp.	C	
	Turnaware Bar	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Turnaware Pontoon/South Wood	<i>Mytilus</i> spp.	C	
East Bank Mussels	<i>Mytilus</i> spp.	B		
Fal (Lower) (Sampling Plan)	Falmouth Wharves	<i>O. edulis</i>	C	
		<i>C. gigas</i>	C	
	Mylor Bank	<i>O. edulis</i>	B - LT	1
		<i>C. gigas</i>	B - LT	1
	East Bank	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Parsons Bank	<i>O. edulis</i>	B - LT	
		<i>C. gigas</i>	B - LT	
	Mylor Creek	<i>Mytilus</i> spp.	B	
		<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	
	St. Just	<i>Mytilus</i> spp.	B	1
Porthallow (Sampling Plan)	Porthallow Cove North	<i>Mytilus</i> spp.	A	
Helford (Sampling Plan)	Porth Navas Quay	<i>O. edulis</i>	B - LT	
		<i>C.gigas</i>	B - LT	
Camel (Sampling Plan)	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.	C	
	Longlands	<i>C. gigas</i>	B - LT	
	Porthilley Rock	<i>C. gigas</i>	B - LT	
Porthilly Cove	<i>Mytilus</i> spp.	B - LT		
Taw/Torrige (Sampling Plan)	Coolstone	<i>Mytilus</i> spp.	B	
	Lifeboat Slip	<i>Mytilus</i> spp.	B – LT	
	Outer Estuary (main beds)	<i>Mytilus</i> spp.	B	
	Power Station	<i>Mytilus</i> spp.	Seasonal B	Transition period 1 st February – 31 st March Season 1 st April – 31 st July (reverting to class C at all other times)
	Westleigh	<i>C. gigas</i>	B	
	Zeta Berth	<i>C. gigas</i>	B	
<i>Mytilus</i> spp.		B	4	
Porlock (Sampling Plan)	Oyster Perch	<i>C. gigas</i>	A	
Swansea Bay (Sampling Plan)	Queen's Dock	<i>Mytilus</i> spp.	B - LT	1
Burry Inlet (sampling plan)	Dalton's Point	<i>C. edule</i>	C	Preliminary
	Northside: West	<i>C. edule</i>	B - LT	
	Pwll	<i>Mytilus</i> spp.	B	
	South Mid	<i>C. edule</i>	C	Preliminary
	Southside: South East 4	<i>C. edule</i>	C	
	Whiteford Point	<i>C. edule</i>	B	
<i>Mytilus</i> spp.		B	4	
Menai Straits – West (Sampling plan)	Abermenai	<i>Mytilus</i> spp.	B - LT	
	Area 11	<i>C. gigas</i>	B - LT	
	Barras	<i>Mytilus</i> spp.	B - LT	
	Barras	<i>C. gigas</i>	B - LT	
	Llanfairisgaer	<i>Mytilus</i> spp.	B - LT	
	Traeth Melynog	<i>C. edule</i>	B - LT	

Menai Straits East (Sampling plan)	Area A	<i>Mytilus</i> spp.	B	
	Area 1	<i>Mytilus</i> spp.	B - LT	
	Areas 2 & B	<i>Mytilus</i> spp.	B - LT	
	Areas 3 & 4	<i>Mytilus</i> spp.	B - LT	
	Areas 5 & B	<i>Mytilus</i> spp.	B - LT	
	Area 6	<i>Mytilus</i> spp.	B - LT	
	Lavan East	<i>C. edule</i>	B	
	Lavan West	<i>C. edule</i>	B - LT	
Anglesey – Inland Sea (Sampling plan)	Gorsedd y Penrhyn	<i>Mytilus</i> spp.	B - LT	
Anglesey – Red Wharf Bay (Sampling plan)	All beds	<i>C. edule</i>	B - LT	
Conwy (Sampling Plan)	Cae Conwy & Scabs	<i>Mytilus</i> spp.	B - LT	
	Morfa, Gamlwys & Green Island	<i>Mytilus</i> spp.	B - LT	
	Conwy Bridge	<i>Mytilus</i> spp.	B	
Dee (Sampling Plan)	Caldy Blacks	<i>C. edule</i>	B - LT	
	Caldy Blacks	<i>Mytilus</i> spp.	B - LT	
	Salisbury	<i>C. edule</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
	Thurstaston	<i>C. edule</i>	B - LT	
	Thurstaston	<i>Mytilus</i> spp.	B - LT	
	West Kirby	<i>C. edule</i>	B - LT	
		<i>Mytilus</i> spp.	B - LT	
Liverpool Bay (Sampling Plan)	Leasowe and New Brighton	<i>C. edule</i>	B	
Ribble (Sampling Plan)	Ribble Walls North	<i>Mytilus</i> spp.	C	
Lune (Sampling plan)	Pilling Sands	<i>C. edule</i>	Seasonal B	Transition period 1 st October – 30 th November Class B season 1 st December - 31 st May (reverting to class C at all other times)
Morecambe Bay – Roosebeck (Sampling Plan)	Bed 1	<i>C. gigas</i>	B	
	Foulney Twist	<i>Mytilus</i> spp.	B - LT	
	Central West	<i>C. edule</i>	B	
	Central East	<i>C. edule</i>	B	
	Newbiggin	<i>C. edule</i>	B	Preliminary
Morecambe Bay – Barrow (Sampling Plan)	Foulney	<i>Mytilus</i> spp.	B - LT	
Silloth (Sampling Plan)	Silloth – South (Lees Scar)	<i>Mytilus</i> spp.	B - LT	

**DESIGNATED RELAYING AREAS FOR BIVALVE MOLLUSCS IN
ENGLAND AND WALES**

EFFECTIVE FROM 1 SEPTEMBER 2018

PRODUCTION AREA	RELAY AREA	SPECIES SAMPLED	CLASS
West Mersea (Sampling Plan)	Tollesbury – Old Hall Creek	<i>C. gigas</i> (to also represent <i>O. edulis</i> & <i>M. Mercenaria</i>)	B
Poole Harbour (Sampling Plan)	South Deep	<i>O. edulis</i>	B - LT
Poole Harbour (Sampling Plan)	West Brownsea Relay	<i>Mytilus</i> spp. (to represent <i>C. edule</i>)	B
Percuil (Sampling Plan)	Percuil relay	<i>Mytilus</i> spp.	B
Porlock (Sampling plan)	Porlock relay	<i>C. gigas</i>	A
Porlock (Sampling plan)	Porlock East relay	<i>C. gigas</i>	A

**DECLASSIFIED BIVALVE MOLLUSC AREAS IN
ENGLAND AND WALES WHERE EXPLANATORY NOTES 2 OR 7 APPLY**

EFFECTIVE FROM 1 SEPTEMBER 2018

Production Area	Classification Zone	Species^a	Class	Explanatory Note^b
Humber	Horseshoe Point	<i>C. edule</i>	A	7
Brancaster	Thornham	<i>C. gigas</i>	B – LT	7
Blakeney	Simpool Head	<i>Mytilus</i> spp.	C	7
Colne	Geedon Creek	<i>C. edule</i>	C	2
	Pyefleet Channel	<i>C. edule</i>	C	2
West Mersea	Salcott Channel	<i>Tapes</i> spp.	C	7
Chichester Harbour	Cobnor	<i>O. edulis</i>	B - LT	2
	Dell Quay	<i>O. edulis</i>	B	2
	Northney	<i>C. edule</i>	C	2
Langstone Harbour	Sinah Lake	<i>O. edulis</i>	B	7
		<i>C. gigas</i>	B	7
Salcombe	Geese Quarries	<i>C. gigas</i>	B - LT	4 & 7
Teign	Gappa Bank	<i>Mytilus</i> spp.	B	7
	Devon Valley	<i>Mytilus</i> spp.	B	2
Bigbury and Avon	East Bank	<i>C. gigas</i>	C	7

Production Area	Classification Zone	Species ^a	Class	Explanatory Note ^b
	West Bank	<i>C. gigas</i>	C	7
Fal (upper)	Lamb Creek	<i>Mytilus</i> spp.	C	2
	Malpas	<i>Mytilus</i> spp.	C	2
Camel	Pinkson Creek	<i>Mytilus</i> spp.	B - LT	7
Helford	Bosahan	<i>C. gigas</i>	B	7
	East of Groyne Point	<i>C. gigas</i>	B - LT	7
		<i>Mytilus</i> spp.	B - LT	7
		<i>O. edulis</i>	B - LT	7
	Helford Creek	<i>Mytilus</i> spp.	B	7
	Porth Navas Quay	<i>Mytilus</i> spp.	B - LT	7
	South of Porth Navas Bar	<i>C. gigas</i>	B - LT	7
		<i>Mytilus</i> spp.	B	7
		<i>O. edulis</i>	B - LT	7
Calamasack Relay Area	<i>Mytilus</i> spp.	B	7	
Taw/Torridge	Chivenor	<i>Mytilus</i> spp.	C	2
Three Rivers	Taf	<i>C. edule</i>	C	2
	Tywi	<i>C. edule</i>	C	2
	Gwendraeth	<i>C. edule</i>	C	2
Menai Strait - West	Fort Belan	<i>Mytilus</i> spp.	B - LT	2
Dee	Mostyn/Talacre	<i>C. edule</i>	B - LT	7
	The Marshes	<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
Morecambe Bay - Barrow	Roa Island	<i>Mytilus</i> spp.	B - LT	7
	North Walney	<i>Mytilus</i> spp.	B - LT	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 2018

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

PRODUCTION AREA	BED NAME
North Kent Coast	Swalecliffe
Chichester Harbour	Thorney
	Prinstead
Southampton Water	Itchen River – Above Itchen Bridge
	Hythe
	Netley
	Weston Shelf
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)

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>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.
 - 2 Temporarily declassified because 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 quality to be harvested compared to the rest of the year. The period for which the seasonal classification applies is indicated.

Transition periods – Class B season may commence prior to the stated class B season following 2 samples ≤ 4600 taken 1 week apart within the transition period.

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 854/2004, Annex II, Chapter II, A. 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; 10% of 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"> o Relaying for at least two months in an approved class B relaying area followed by treatment in an approved purification centre. OR o Relaying for at least 2 months in an approved class A relaying area. OR o 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