

NOTICE TO MARINERS

№79 – 2024

PORT OF LIVERPOOL

FISH SURVEYS

NOTICE IS HEREBY GIVEN that fish and plankton surveys will be undertaken within the Port of Liverpool from 18 November 2024. These surveys are expected to take ten days to complete.

The following survey methods will be used at various locations:

Beach Seine Nets

Beach seine nets will be deployed from exposed intertidal areas, and survey team members will remain on-site during each survey. In some survey areas, a RIB will be utilized to assist with deploying and recovering the nets.



Fyke Nets

Fyke nets will be deployed and left in situ over 12-hour tidal cycles. The nets will be marked by buoys.



Beam Trawling

Depending on the water depth, beam trawling will be undertaken using either a RIB or the survey vessel *Mersey Guardian*. Beam trawling will involve towing a 1.5m wide beam trawl against the tide for ten minutes over a distance of 200m. The beam trawling gear will extend astern of the towing vessel at a distance of roughly three times the prevailing water depth. The beam trawling planned for Eastham Channel, Garston Channel, and off Rock Ferry will be planned around commercial vessel movements.

Plankton Towing

Depending on the water depth, plankton towing will be undertaken using either a RIB or the survey vessel *Mersey Guardian*. Plankton towing will involve towing a plankton sampler against the tide for fifteen minutes over a distance of 200m. The plankton sampler gear will extend astern of the towing vessel at a distance of roughly three times the prevailing water depth. The plankton towing planned for Eastham Channel and Garston Channel will be planned around commercial vessel movements.

Details of the survey areas, survey methods, and craft to be utilized are as follows:

Location Number	Location name	Lat.	Long.	Beach Seine	Fyke Net	Beam Trawl	Plankton Tow
1	Leasowe Channel	53.41958	-3.11002	x			
1	Leasowe Channel	53.41189	-3.14146		x		
2	New Brighton small vessel channel	53.43987	-3.05983	x			
3	New Brighton	53.44024	-3.03262	x			
4	Shorefields/Rock Ferry	53.36814	-2.9956	x			
6	Eastham Sands, south side	53.3058	-2.9167	x			
7	Stanlow Beach/Bank	53.3204	-2.94444		x		
7	Stanlow Beach/Bank	53.3204	-2.94444	x			
8	Frodsham Score	53.3144	-2.75449		x		
10	Adjacent to Ineos, southside	53.32523	-2.76966			x	
10	Adjacent to Ineos, southside	53.32386	-2.7635		x		
11	Silver Jubilee Bridge, secondary channel	53.34738	-2.73189			x	x
11	Silver Jubilee Bridge, secondary channel	53.34637	-2.71445		x		
12	Astmoor Marshes/Fiddlers Ferry	53.35808	-2.69771			x	x
12	Astmoor Marshes/Fiddlers Ferry	53.35762	-2.69764		x		
14	Mersey Gateway crossing	53.35863	-2.71085			x	
15	Pickerings Pasture, main channel	53.34432	-2.76575			x	x
15	Pickerings Pasture, main channel	53.34122	-2.75972	x	x		
16	Oglet Bay	53.33262	-2.82133		x		
16	Oglet Bay	53.33091	-2.8211			x	
18	Pluckington Bank, north side	53.39297	-2.99	x			
19	Crosby Beach	53.47735	-3.04358	x			
1	Leasowe Channel	53.42193	-3.11201			x	x
2	New Brighton small vessel channel	53.44794	-3.05538			x	x
3	New Brighton	53.44024	-3.03262			x	
4	Shorefields/Rock Ferry	53.37045	-2.98767			x	
5	Eastham Channel	53.3284	-2.95131			x	x
17	Approaches to Garston Channel	53.34914	-2.91291			x	x

A further Notice will be issued when the surveys have been completed.