



Islandmore Wind Farm

Environmental Impact Assessment
Report

Annex 7.3: Water Sampling
Laboratory Reports

Islandmore Wind Farm Limited

CERTIFICATE OF ANALYSIS



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Hydro Environmental Services
22 Lower Main Street
Dungarvan, Co. Waterford
Ireland

Certificate Number: CLN008280-1 Final
Date Reported: 24/03/2025
Date Analysis Started: 07/03/2025

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN25483	Prod: Rcvd Dt: 07/03/2025 Start Testing: 07/03/2025 Description: Islandmore - SW1 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	1	mg/L O ₂	
		P202	Suspended Solids	<17	mg/L	
		P243	Sulphate	<5.00	mg/L SO ₄	
		P281	Chloride	19.0	mg/L Cl	
		P285	Total Nitrogen	1.0	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN25484	Prod: Rcvd Dt: 07/03/2025 Start Testing: 07/03/2025 Description: Islandmore - SW2 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<17	mg/L	
		P243	Sulphate	<5.00	mg/L SO ₄	
		P281	Chloride	19.6	mg/L Cl	
		P285	Total Nitrogen	<1.0	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN25485	Prod: Rcvd Dt: 07/03/2025 Start Testing: 07/03/2025 Description: Islandmore - SW3 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<17	mg/L	
		P243	Sulphate	5.02	mg/L SO ₄	
		P281	Chloride	20.2	mg/L Cl	
		P285	Total Nitrogen	1.1	mg/L N	
		P281	Ammonia	0.04	mg/L NH ₃ -N	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN25486	Prod: Rcvd Dt: 07/03/2025 Start Testing: 07/03/2025 Description: Islandmore - SW4 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	5	mg/L	
		P243	Sulphate	<5.00	mg/L SO ₄	
		P281	Chloride	28.2	mg/L Cl	
		P285	Total Nitrogen	1.2	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	

Certificate approved and electronically signed on 24/03/25 16:27
By Ciara Gildea, Senior Environmental Chemistry Analyst
For and on Behalf of ALS Life Sciences Ltd



Certificate Number: CLN008280-1 Final

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Disclaimers:

The testing results in this certificate relate only to the samples described above.
Unless otherwise stated, all results are expressed on an as received basis.
Statement of conformity made against the result does not take into account the uncertainty of measurement associated to the method.
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Hydro Environmental Services
Hydro Environmental Services
22 Lower Main Street
Dungarvan, Co. Waterford
Ireland

Certificate Number: CLN024103-1 Final
Date Reported: 16/04/2025
Date Analysis Started: 10/04/2025

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN75883	Prod: Rcvd Dt: 10/04/2025 Start Testing: 10/04/2025 Description: Islandmore SW1 Spt: Water Sample Type: Surface Waters	P243	Sulphate	<5.00	mg/L SO4	
		P281	Chloride	17.3	mg/L Cl	
		P285	Total Nitrogen	1.3	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	<0.25	mg/L N	
		P281	Ammonia	0.03	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN75884	Prod: Rcvd Dt: 10/04/2025 Start Testing: 10/04/2025 Description: Islandmore SW2 Spt: Water Sample Type: Surface Waters	P243	Sulphate	<5.00	mg/L SO4	
		P281	Chloride	18.5	mg/L Cl	
		P285	Total Nitrogen	1.0	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	<0.25	mg/L N	
		P281	Ammonia	0.04	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN75885	Prod: Rcvd Dt: 10/04/2025 Start Testing: 10/04/2025 Description: Islandmore SW3 Spt: Water Sample Type: Surface Waters	P243	Sulphate	<5.00	mg/L SO4	
		P281	Chloride	17.5	mg/L Cl	
		P285	Total Nitrogen	1.5	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	<0.25	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	



Certificate Number: CLN024103-1 Final

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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN75886	Prod: Rcvd Dt: 10/04/2025 Start Testing: 10/04/2025 Description: Islandmore SW4 Spt: Water Sample Type: Surface Waters	P243	Sulphate	6.52	mg/L SO4	
		P281	Chloride	37.6	mg/L Cl	
		P285	Total Nitrogen	1.6	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.35	mg/L N	
		P281	Ammonia	0.02	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	

Certificate approved and electronically signed on 16/04/25 13:44

By Ciara Gildea, Senior Environmental Chemistry Analyst

For and on Behalf of ALS Life Sciences Ltd

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