Cush Wind Farm
Phase II

Environmental Impact Assessment Report

Annex 7.2: Laboratory Reports

Cush Wind Limited

CERTIFICATE OF ANALYSIS

ALS Life Sciences Ltd.,
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Hydro Environmental Services
Hydro Environmental Services
22 Lower Main Street
Dungarvan, Co. Waterford
Ireland

Certificate Number: CLN255999-1 Final
Date Reported: 30/06/2026
Date Analysis Started: 19/06/2026

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN847319	Prod: Rcvd Dt: 19/06/2026 Start Testing: 19/06/2026 Description: Cush SW1 18/06/2026 15:00-17:00 Spt: Water Sample Type: Surface Waters Det3: 18/06/2026 15:00:00 Sample Date: 18/06/2026 15:00	P280	BOD 5 day Total	4	mg/L O_2	
		P202	Suspended Solids	6	mg/L	
		P281	Chloride	22.5	mg/L Cl	
		P285	Total Nitrogen	2.3	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	2.01	mg/L N	
		P281	Ammonia	0.07	mg/L NH_3-N	
		P281	Nitrate	8.9	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	
CLN847320	Prod: Rcvd Dt: 19/06/2026 Start Testing: 19/06/2026 Description: Cush SW2 18/06/2026 15:00-17:00 Spt: Water Sample Type: Surface Waters Det3: 18/06/2026 15:00:00 Sample Date: 18/06/2026 15:00	P280	BOD 5 day Total	1	mg/L O_2	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	24.2	mg/L Cl	
		P285	Total Nitrogen	5.3	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	5.10	mg/L N	
		P281	Ammonia	<0.02	mg/L NH_3-N	
		P281	Nitrate	22.6	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	
CLN847321	Prod: Rcvd Dt: 19/06/2026 Start Testing: 19/06/2026 Description: Cush SW3 18/06/2026 15:00-17:00 Spt: Water Sample Type: Surface Waters Det3: 18/06/2026 15:00:00 Sample Date: 18/06/2026 15:00	P280	BOD 5 day Total	<2	mg/L O_2	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	24.0	mg/L Cl	
		P285	Total Nitrogen	5.4	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	5.10	mg/L N	
		P281	Ammonia	<0.02	mg/L NH_3-N	
		P281	Nitrate	22.6	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	

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN847322	Prod: Rcvd Dt: 19/06/2026 Start Testing: 19/06/2026 Description: Cush SW4 18/06/2026 15:00-17:00 Spt: Water Sample Type: Surface Waters Det3: 18/06/2026 15:00:00 Sample Date: 18/06/2026 15:00	P280	BOD 5 day Total	2	mg/L O_2	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	22.1	mg/L Cl	
		P285	Total Nitrogen	6.2	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	5.76	mg/L N	
		P281	Ammonia	<0.02	mg/L NH_3-N	
		P281	Nitrate	22.6	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 30/06/26 13:54
By Ciara Gildea, Deputy Environmental Chemistry Manager

For and on Behalf of ALS Life Sciences Ltd

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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No INAB logo on the certificate indicates all results reported on the certificate are not accredited.

ISO 17025 INAB ACCREDITED TESTING DETAILED IN SCOPE REG NO.166T

CERTIFICATE OF ANALYSIS

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

Certificate Number: CLN284939-1 Final
Date Reported: 01/09/2026
Date Analysis Started: 13/08/2026

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN940090	B - No date and / or time of sampling provided Prod: Order No: P1537-3(Cush) Rcvd Dt: 13/08/2026 Start Testing: 13/08/2026 Description: SW1 (CUSH) Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<2	mg/L O_2	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	25.1	mg/L Cl	
		P285	Total Nitrogen	5.4	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	5.14	mg/L N	
		P281	Ammonia	<0.02	mg/L NH_3-N	
		P281	Nitrate	22.6	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	
		P239	Turbidity	1.04	NTU	
CLN940091	B - No date and / or time of sampling provided Prod: Order No: P1537-3(Cush) Rcvd Dt: 13/08/2026 Start Testing: 13/08/2026 Description: SW2 (CUSH) Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O_2	
		P202	Suspended Solids	<7	mg/L	
		P281	Chloride	25.2	mg/L Cl	
		P285	Total Nitrogen	2.1	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	2.00	mg/L N	
		P281	Ammonia	0.03	mg/L NH_3-N	
		P281	Nitrate	8.9	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	
CLN940092	B - No date and / or time of sampling provided Prod: Order No: P1537-3(Cush) Rcvd Dt: 13/08/2026 Start Testing: 13/08/2026 Description: SW3 (CUSH) Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<2	mg/L O_2	
		P202	Suspended Solids	<7	mg/L	
		P281	Chloride	23.9	mg/L Cl	
		P285	Total Nitrogen	9.8	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	6.86	mg/L N	
		P281	Ammonia	<0.02	mg/L NH_3-N	
		P281	Nitrate	30.5	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: CLN284939-1 Final

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN940093	B - No date and / or time of sampling provided Prod: Order No: P1537-3(Cush) Rcvd Dt: 13/08/2026 Start Testing: 13/08/2026 Description: SW4 (CUSH) Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<2	mg/L O_2	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	22.2	mg/L Cl	
		P285	Total Nitrogen	9.9	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	5.12	mg/L N	
		P281	Ammonia	0.02	mg/L NH_3-N	
		P281	Nitrate	22.6	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 01/09/26 10:12
By Ciara Gildea, Deputy Environmental Chemistry Manager

For and on Behalf of ALS Life Sciences Ltd

Disclaimers:

B - The sample was deviating, as a result the test result(s) may be invalid.
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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