



APPENDIX 9-2

SURFACE WATER SAMPLING LABORATORY REPORTS

CERTIFICATE OF ANALYSIS



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

Certificate Number: CLN185932-1 Final
Date Reported: 16/02/2026
Date Analysis Started: 05/02/2026

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN614265	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW1 14:00 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	4	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	10.6	mg/L Cl	
		P285	Total Nitrogen	1.0	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.34	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	
CLN614266	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW2 14:15 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	10.5	mg/L Cl	
		P285	Total Nitrogen	1.0	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	<0.25	mg/L N	
		P281	Ammonia	<0.02	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	
CLN614267	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW3 14:30 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	8.8	mg/L Cl	
		P285	Total Nitrogen	1.2	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	



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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN614268	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW4 14:45 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<2	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	19.0	mg/L Cl	
		P285	Total Nitrogen	1.3	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	1.17	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P281	Nitrate	5.3	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
CLN614269	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW5 15:00 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	5	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	12.0	mg/L Cl	
		P285	Total Nitrogen	<1.0	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	
CLN614270	B - No date and / or time of sampling provided Prod: Rcvd Dt: 05/02/2026 Start Testing: 05/02/2026 Description: P1694 - Easky SW6 15:15 03/02/26 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<2	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	20.3	mg/L Cl	
		P285	Total Nitrogen	2.1	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	1.99	mg/L N	
		P281	Ammonia	<0.02	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	

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

Certificate Number: CLN215776-1 Final
Date Reported: 15/04/2026
Date Analysis Started: 03/04/2026

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN714237	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw1 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	4	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	15.3	mg/L Cl	
		P285	Total Nitrogen	<1.0	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	
CLN714238	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw2 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	429	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	11.6	mg/L Cl	
		P285	Total Nitrogen	<1.0	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	
CLN714239	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw3 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	15.4	mg/L Cl	
		P285	Total Nitrogen	<1.0	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: CLN215776-1 Final

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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN714240	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw4 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	<5	mg/L O ₂	
		P202	Suspended Solids	5	mg/L	
		P281	Chloride	15.3	mg/L Cl	
		P285	Total Nitrogen	1.0	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	
CLN714241	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw5 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	<5	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	16.4	mg/L Cl	
		P285	Total Nitrogen	1.8	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	
CLN714242	B - No date and / or time of sampling provided Prod: Rcvd Dt: 03/04/2026 Start Testing: 03/04/2026 Description: crumhach sw6 Spt: Water Sample Type: Potable Water	P280	BOD 5 day Total	<5	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	16.4	mg/L Cl	
		P285	Total Nitrogen	1.9	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 approved and electronically signed on 15/04/26 12:41

By Ciara Gildea, Senior Environmental Chemistry Analyst

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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