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APPENDIX 9-2

WATER QUALITY LABORATORY RESULTS

CERTIFICATE OF ANALYSIS



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 Carrigeen Business Park Clonmel Co. Tipperary E91 PF63 Ireland
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 www.alsglobal.ie

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

Certificate Number: CLN019362-1 Final
Date Reported: 10/04/2025
Date Analysis Started: 03/04/2025

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN60515	Prod: Rcvd Dt: 02/04/2025 Start Testing: 03/04/2025 Description: P1706 - Gannow WF SW1 10:30am 02/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	24.5	mg/L Cl	
		P285	Total Nitrogen	1.1	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	0.12	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN60516	Prod: Rcvd Dt: 02/04/2025 Start Testing: 03/04/2025 Description: P1706 - Gannow WF SW2 11:00am 02/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	8	mg/L	
		P281	Chloride	22.6	mg/L Cl	
		P285	Total Nitrogen	1.4	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.50	mg/L N	
		P281	Ammonia	0.08	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	
CLN60517	Prod: Rcvd Dt: 02/04/2025 Start Testing: 03/04/2025 Description: P1706 - Gannow WF SW3 11:30am 02/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	20.7	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	



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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN60518	Prod: Rcvd Dt: 02/04/2025 Start Testing: 03/04/2025 Description: P1706 - Gannow WF SW4 11:45am 02/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	20.0	mg/L Cl	
		P285	Total Nitrogen	1.4	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	
		P293	Orthophosphate	<0.02	mg/L P	

Certificate approved and electronically signed on 10/04/25 10:10

By Ciara Gildea, Senior Environmental Chemistry Analyst

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.

Opinions and interpretations expressed herein are outside the scope of INAB accreditation.

Where sampling is undertaken by ALS personnel, sampling activities are outside the scope of INAB accreditation

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



CERTIFICATE OF ANALYSIS



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

Certificate Number: CLN028363-1 Final
Date Reported: 30/04/2025
Date Analysis Started: 18/04/2025

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN89837	Prod: Rcvd Dt: 18/04/2025 Start Testing: 18/04/2025 Description: P1706 Gannow WF SW1 10:30 17/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	23.8	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	
CLN89838	Prod: Rcvd Dt: 18/04/2025 Start Testing: 18/04/2025 Description: P1706 Gannow WF SW2 11:00 17/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	19.5	mg/L Cl	
		P285	Total Nitrogen	1.6	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.52	mg/L N	
		P281	Ammonia	0.06	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	
CLN89839	Prod: Rcvd Dt: 18/04/2025 Start Testing: 18/04/2025 Description: P1706 Gannow WF SW3 11:30 17/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	18.7	mg/L Cl	
		P285	Total Nitrogen	1.7	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
CLN89840	Prod: Rcvd Dt: 18/04/2025 Start Testing: 18/04/2025 Description: P1706 Gannow WF SW4 11:45 17/04/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	<1	mg/L O ₂	
		P202	Suspended Solids	<5	mg/L	
		P281	Chloride	18.5	mg/L Cl	
		P285	Total Nitrogen	2.3	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	1.29	mg/L N	
		P281	Ammonia	<0.02	mg/L NH ₃ -N	
		P281	Nitrate	5.8	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 30/04/25 16:37

By Ciara Gildea, Senior Environmental Chemistry Analyst

For and on Behalf of ALS Life Sciences Ltd

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