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APPENDIX 7-2

SURFACE WATER
LABORATORY RESULTS



ALS Life Sciences Ltd trading as ALS
Carrigeen Business Park, Clonmel, Co. Tipperary
Telephone: +353 (0) 52 617 8100



RECEIVED: 29/11/2024

Report No: HYDR-800141123

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client	Hydro Environmental Services 22 Lower Main Street Dungarvan Co. Waterford	Date Submitted	14/11/2023
		Date Reported	04/12/2023
		Order Number	N/A
For the Attention of:	Hydro Environmental Services		
Sample Reception	2 sample(s) received in good condition.		
Comments	N/A		

Report Authorised by:

Rosemary Thomas

Rosemary Thomas
Environmental Chemistry Manager

Conditions:

1. Results in this report relate only to the items tested
2. Reports may not be reproduced except in full without the approval of ALS Life Sciences Ltd
3. All queries regarding this report should be addressed to the Technical Manager at the above address
4. A * next to a method reference signifies that ALS Life Sciences Ltd is NOT INAB accredited for this method
5. Results reported as CFU/cm² are calculated based on information supplied by customer regarding area swabbed
6. SUBCON* indicates analysis subcontracted to approved subcontractors who do not hold accreditation for this test
7. SUBCON^ indicates analysis subcontracted to approved subcontractors who hold accreditation for this test
8. Where sampling is undertaken by ALS personnel, sampling activities are outside the scope of INAB accreditation
9. Dil next to a method reference indicates that a dilution of the water sample was undertaken during testing
10. Statement of conformity made against the result does not take into account the uncertainty of measurement associated with the method



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CERTIFICATE OF ANALYSIS

Date Submitted 14/11/2023
Date Reported 04/12/2023
Order Number N/A

Sample Type Water
Client ID Ballyquin SW2 14/11/2023
Date Tested 15/11/2023
ALS ID 5848089

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	12.3	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Total Oxidised Nitrogen	0.28	mg/L N	P281
Nitrogen (Total)	1.1	mg/L N	P285

Sample Type Water
Client ID Ballyquin SW1 14/11/2023
Date Tested 15/11/2023
ALS ID 5848090

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	13.4	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Total Oxidised Nitrogen	0.52	mg/L N	P281
Nitrogen (Total)	1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-835280923

Document No: EF0011

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CERTIFICATE OF ANALYSIS

Client **Hydro Environmental Services**
22 Lower Main Street
Dungarvan
Co. Waterford

Date Submitted 28/09/2023
Date Reported 16/10/2023
Order Number N/A

For the Attention of: Hydro Environmental Services

Sample Reception 1 sample(s) received in good condition.

Comments N/A

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

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Report No: HYDR-835280923

Document No: EF0011

CERTIFICATE OF ANALYSIS

Date Submitted	28/09/2023
Date Reported	16/10/2023
Order Number	N/A

Sample Type	Water
Client ID	Ballyquin SW1
Date Tested	29/09/2023
ALS ID	5778190

Test	Result	Unit	Method
Suspended Solids	6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.04	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	12.9	mg/l Cl	P281
Total Oxidised Nitrogen	0.56	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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Order Number N/A

For the Attention of: Hydro Environmental Services

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Comments N/A

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CERTIFICATE OF ANALYSIS

Date Submitted	28/09/2023
Date Reported	16/10/2023
Order Number	N/A

Sample Type	Water
Client ID	Ballyquin SW2
Date Tested	29/09/2023
ALS ID	5778191

Test	Result	Unit	Method
Suspended Solids	6	mg / l	P202
Phosphorus	0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.03	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	11.2	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas