



ALS Life Sciences Ltd
Trading as ALS
Carrigeen Business Park, Clonmel, Co. Tipperary
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Report No: HYDR-184221021

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

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

Date Received 22/10/2021

Date Reported 11/11/2021

Order Number P1421-1

For the Attention of: Hydro Environmental Services

Sample Reception 5 sample(s) received in good condition.

Comments supplementary certificate issued to update test result information

Report Authorised by:

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. This supplementary certificate replaces the previous certificate which must be destroyed



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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Received 22/10/2021
Date Reported 11/11/2021
Order Number P1421-1

Sample Type Surface Water
Client ID Knocknamock SW1
Date Tested 22/10/2021
ALS ID 4725269

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Suspended Solids	0.6	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
BOD 5 day Total with ATU	1.3	mg/l O2	P280*
Orthophosphate	<0.02	mg/l P	P281
Chloride	5.8	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	<0.02	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Surface Water
Client ID Knocknamock SW2
Date Tested 22/10/2021
ALS ID 4725270

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Suspended Solids	1.8	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
BOD 5 day Total with ATU	0.9	mg/l O2	P280*
Orthophosphate	<0.02	mg/l P	P281
Chloride	5.3	mg/l Cl	P281
Nitrate	13.6	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	<0.02	mg/l NH3-N	P281
Nitrogen (Total)	3.4	mg/L N	P285

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Date Received 22/10/2021
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Order Number P1421-1

Sample Type Surface Water
Client ID Knocknamock SW3
Date Tested 22/10/2021
ALS ID 4725271

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Suspended Solids	2.0	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
BOD 5 day Total with ATU	0.9	mg/l O2	P280*
Orthophosphate	<0.02	mg/l P	P281
Chloride	6.3	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	<0.02	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Surface Water
Client ID Knocknamock SW4
Date Tested 22/10/2021
ALS ID 4725272

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Suspended Solids	4.2	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
BOD 5 day Total with ATU	1.7	mg/l O2	P280*
Orthophosphate	<0.02	mg/l P	P281
Chloride	7.2	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	<0.02	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

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Date Received 22/10/2021
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Order Number P1421-1

Sample Type Surface Water
Client ID Knocknamock SW5
Date Tested 22/10/2021
ALS ID 4725273

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Suspended Solids	3.2	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
BOD 5 day Total with ATU	1.7	mg/l O2	P280*
Orthophosphate	<0.02	mg/l P	P281
Chloride	6.1	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	<0.02	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

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