



APPENDIX 10-1

LABORATORY TEST RESULTS



ALS Life Sciences Ltd
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Report No: HYDR-444120919

Document No: EF0011

CERTIFICATE OF ANALYSIS

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

Date Received 12/09/2019

Date Reported 20/09/2019

Order Number P1477

For the Attention of: Hydro Environmental Services

Sample Reception 3 sample(s) received in good condition.

Comments N/A

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



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Date Received 12/09/2019
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Sample Type Surface Water
Client ID SW1 Cahermurphy Date sampled: 11.09.2019
Date Tested 13/09/2019
ALS ID 3671688

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	6	mg / l	P202
Phosphorus	0.10	mg/l P	P207
BOD 5 day Total with ATU	2	mg/l O2	P280
Chloride	29.2	mg/l CL	P281
Orthophosphate	0.03	mg/l P	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	0.05	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Surface Water
Client ID SW2 Cahermurphy Date sampled: 11.09.2019
Date Tested 13/09/2019
ALS ID 3671689

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	7	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	3	mg/l O2	P280
Orthophosphate	0.02	mg/l P	P281
Chloride	23.8	mg/l CL	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Ammonia	0.03	mg/l NH3-N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

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Date Received 12/09/2019
Date Reported 20/09/2019
Order Number P1477

Sample Type Surface Water
Client ID SW3 Cahermurphy Date sampled: 11.09.2019
Date Tested 13/09/2019
ALS ID 3671690

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	7	mg / l	P202
Phosphorus	0.10	mg/l P	P207
BOD 5 day Total with ATU	9	mg/l O2	P280
Orthophosphate	0.02	mg/l P	P281
Chloride	43.9	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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