



APPENDIX 9-1

LABORATORY REPORTS



ALS Life Sciences Ltd
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Report No: HYDR-561120220

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client	Hydro Environmental Services 22 Lower Main Street Dungarvan Co. Waterford	Date Received	12/02/2020
		Date Reported	21/02/2020
		Order Number	P1483
For the Attention of:	Hydro Environmental Services		
Sample Reception	4 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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CERTIFICATE OF ANALYSIS

Date Received 12/02/2020
Date Reported 21/02/2020
Order Number P1483

Sample Type Water
Client ID 11/2/20 Keakill Sw1
Date Tested 12/02/2020
ALS ID 3881185

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
Sulphate	<5.0	mg/l SO4	P243
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.04	mg/l NH3-N	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Chloride	21.4	mg/l CL	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID 11/2/20 Keakill Sw2
Date Tested 12/02/2020
ALS ID 3881186

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
Sulphate	<5.0	mg/l SO4	P243
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Chloride	21.7	mg/l CL	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	<1.0	mg/L N	P285

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CERTIFICATE OF ANALYSIS

Date Received 12/02/2020
Date Reported 21/02/2020
Order Number P1483

Sample Type Water
Client ID 11/2/20 Keakill Sw3
Date Tested 12/02/2020
ALS ID 3881187

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
Sulphate	<5.0	mg/l SO4	P243
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Chloride	25.5	mg/l CL	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID 11/2/20 Keakill Sw4
Date Tested 12/02/2020
ALS ID 3881188

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
Sulphate	5.08	mg/l SO4	P243
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.04	mg/l NH3-N	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Chloride	22.5	mg/l CL	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas