

ALS Life Sciences Ltd Trading as ALS Carrigeen Business Park, Clonmel, Co. Tipperary Tel: +353 (0) 52 617 8100 Fax:+353 (0) 52 617 8103 www.alsglobal.ie



Report No:HYDR-300070920Document No:EF0011

## **CERTIFICATE OF ANALYSIS**

Client	Hydro Enviror 22 Lower Mair	n <b>mental Services</b> Street	Date Received Date Reported	07/09/2020 14/09/2020		
	Dungarvan Co. Waterford		Order Number	1505		
For the A	Attention of:	Hydro Environmental Services				
Sample F	Reception	3 sample(s) received in good condition.				

Comments

N/A

Report Authorised by:

Denvid Kinsella

David Kinsella Deputy 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/cm<sup>2</sup> 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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Report No: H

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## **CERTIFICATE OF ANALYSIS**

		Date	e Received	07/09/2	020
		Date	e Reported	14/09/2	020
			er Number		
Sample Type	Surface Water				
Client ID	•	Date sampled: 04	.09.20		
Date Tested	07/09/2020				
ALS ID	4139400				
<u>Test</u>		<u>Result</u>		<u>Unit</u>	Method
Suspended Solids		6		mg / I	P202
Phosphorus		<0.10		mg/l P	P207
BOD 5 day Total v	with ATU	2		mg/l O2	P280
Orthophosphate		<0.02		mg/l P	P281
Chloride		20.0		mg/I CL	P281
Nitrate		16.3		mg/l NO3	P281
Nitrite		<0.05		mg/l NO2	P281
Ammonia		0.02	r	ng/I NH3-N	P281
Nitrogen (Total)		6.3		mg/L N	P285
Sample Type	Surface Water				
Client ID		Date sampled: 04	.09.20		
Date Tested 07/09/2020		F			
ALS ID	4139401				
		Decult		Linit	Mathad
Test Swanandad Salida		Result <5		<u>Unit</u> ma (I	<u>Method</u> P202
Suspended Solids		<5 <0.10		mg / I mg/I P	P202 P207
Phosphorus		<0.10		mg/I O2	P207 P280
BOD 5 day Total with ATU		<0.02		mg/I O2 mg/I P	P280 P281
Orthophosphate Chloride		<0.02 17.2		mg/I CL	P281
Nitrate		21.7		mg/I NO3	P281
Nitrite		<0.05		mg/I NO2	P281
Ammonia		0.05		ng/I NH3-N	P281
Nitrogen (Total)		6.4		mg/L N	P285
		0.1			1 200

Report Authorised by:

David Kinsella Deputy Environmental Chemistry Manager



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**CERTIFICATE OF ANALYSIS** 

			Received 07/09/20 Reported 14/09/20		
			Number 1505		
Sample Type Client ID Date Tested ALS ID	Surface Water SW3 Brackly WF 07/09/2020 4139402	Date sampled: 04.09	9.20		
Test		<u>Result</u>	<u>Unit</u>	<u>Method</u>	
Suspended Solids		<5	mg / I	P202	
Phosphorus		0.15	mg/l P	P207	
BOD 5 day Total with ATU		2	mg/l O2	P280	
Orthophosphate		0.07	mg/l P	P281	
Chloride		17.9	mg/I CL	P281	
Nitrate		22.8	mg/l NO3	P281	
Nitrite		0.16	mg/I NO2	P281	
Ammonia		1.01	mg/I NH3-N	P281	
Nitrogen (Total) 6.8		6.8	mg/L N	P285	

Dented Kinsella