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18/09/2018

27/09/2018

P1453

Report No: HYDR-446180918

Date Received

Date Reported

Order Number

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

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

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Rosemany

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Ammonia

Nitrogen (Total)

ALS Life Sciences Ltd Trading as ALS Carrigeen Business Park, Clonmel, Co. Tipperary

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Report No:

HYDR-446180918

Document No:

EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

			Date Received	18/09/201	18
			Date Reported	27/09/201	18
			Order Number	P1453	
Sample Type Client ID Date Tested ALS ID	Water Lyrena SW1 19/09/2018 3232780				
<u>Test</u>		Resu	<u>ılt</u>	<u>Unit</u>	Method
Suspended Solids		<5		mg / I	P202
Suspended Solids	•	<1		mg / I	P202*
Phosphorus		<0.1	0	mg/l P	P207
BOD 5 day Total	with ATU	2		mg/l O2	P280
Orthophosphate		0.02		mg/l P	P281
Chloride		19.6		mg/I CL	P281
Nitrate		14.5		mg/l NO3	P281
Nitrite		<0.0		mg/l NO2	P281
Ammonia		0.03		mg/l NH3-N	P281
Nitrogen (Total)		3.9		mg/L N	P285
Sample Type Client ID Date Tested ALS ID	Water Lyrena SW2 19/09/2018 3232781				
Test		Resu	ı <u>lt</u>	<u>Unit</u>	Method
Suspended Solids	;	<5		mg / I	P202
Suspended Solids	•	2.6		mg / I	P202*
Phosphorus		<0.1	0	mg/l P	P207
BOD 5 day Total	with ATU	2		mg/l O2	P280
Orthophosphate		0.03	3	mg/l P	P281
Chloride		19.6		mg/l CL	P281
Nitrate		8.5		mg/l NO3	P281
Nitrite		<0.0	5	mg/l NO2	P281

Report Authorised by:

P281

P285

Bosemany Thomas

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mg/l NH3-N

mg/L N

0.03

2.6



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Report No: HYDR-446180918

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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

			Date Received	18/09/2018		
			Date Reported	27/09/2018		
			Order Number	P1453		
Sample Type Client ID Date Tested ALS ID	Water Lyrena SW3 19/09/2018 3232782					
Test Suspended Solids Suspended Solids Phosphorus BOD 5 day Total v Orthophosphate Chloride Nitrate Nitrite Ammonia Nitrogen (Total)		Resu <5 <1 <0.1 2 <0.0 20.6 5.0 <0.0 0.04	0 2 3 5 1 5 n	Unit mg / I mg / I mg/I P mg/I O2 mg/I P mg/I CL mg/I NO3 mg/I NO2 g/I NH3-N mg/L N	Method P202 P202* P207 P280 P281 P281 P281 P281 P281 P285	
Sample Type Client ID Date Tested ALS ID	Water Lyrena SW4 19/09/2018 3232783					
Test Suspended Solids Suspended Solids Phosphorus BOD 5 day Total of Orthophosphate Chloride Nitrate Nitrite Ammonia Nitrogen (Total)		Resu <5 <1 <0.1 2 0.04 20.6 8.2 <0.0 0.02 6.9	0 4 3 5 5 1	Unit mg / I mg / I mg/I P mg/I O2 mg/I P mg/I NO3 mg/I NO2 g/I NH3-N mg/L N	Method P202 P202* P207 P280 P281 P281 P281 P281 P281 P281 P281 P285	

Report Authorised by:

Rosemany Thomas

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Report No: HYDR-446180918

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

 Date Received
 18/09/2018

 Date Reported
 27/09/2018

 Order Number
 P1453

Sample Type Water
Client ID Lyrena SW5
Date Tested 19/09/2018
ALS ID 3232784

Test	Result	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Suspended Solids	<1	mg / I	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	2	mg/l O2	P280
Orthophosphate	0.03	mg/l P	P281
Chloride	20.1	mg/l CL	P281
Nitrate	11.8	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Ammonia	0.03	mg/l NH3-N	P281
Nitrogen (Total)	5.6	mg/L N	P285

Report Authorised by:

Page 4 of 4



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17/10/2018

25/10/2018

P1453

Report No: HYDR-626171018

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

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

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Roseman

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Report No: HYDR-626171018

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 17/10/2018

 Date Reported
 25/10/2018

 Order Number
 P1453

Sample Type Surface Water

Client ID 17/10/2018 Lyrena SW1

 Date Tested
 17/10/2018

 ALS ID
 3268987

<u>Test</u>	Result	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrate	9.2	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Chloride	19.6	mg/l CL	P281
Nitrogen (Total)	1.8	mg/L N	P285

Sample Type Surface Water

Client ID 17/10/2018 Lyrena SW2

 Date Tested
 17/10/2018

 ALS ID
 3268988

Test Suspended Solids Phosphorus BOD 5 day Total with ATU Orthophosphate Chloride Nitrate Nitrite	Result <5 0.19 <2 <0.02 21.5 10.2 <0.05	Unit mg / I mg/I P mg/I O2 mg/I P mg/I CL mg/I NO3 mg/I NO2	Method P202 P207 P280 P281 P281 P281 P281
		•	_

Report Authorised by:

Rosemany Thomas



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Report No: HYDR-626171018

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 17/10/2018

 Date Reported
 25/10/2018

 Order Number
 P1453

Sample Type Surface Water

Client ID 17/10/2018 Lyrena SW3

 Date Tested
 17/10/2018

 ALS ID
 3268989

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	44	mg / I	P202
Phosphorus	0.15	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
Orthophosphate	< 0.02	mg/l P	P281
Chloride	21.6	mg/l CL	P281
Nitrate	<5.0	mg/I NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Ammonia	0.04	mg/l NH3-N	P281
Nitrogen (Total)	2.4	mg/L N	P285

Sample Type Surface Water

Client ID 17/10/2018 Lyrena SW4

 Date Tested
 17/10/2018

 ALS ID
 3268990

Test Suspended Solids Phosphorus BOD 5 day Total with ATU Orthophosphate Chloride Nitrate Nitrite	Result 16 0.13 <2 <0.02 19.9 10.0 <0.05	Unit mg / I mg/I P mg/I O2 mg/I P mg/I CL mg/I NO3 mg/I NO2	Method P202 P207 P280 P281 P281 P281 P281
		•	_

Report Authorised by:

Rosemany Thomas







HYDR-626171018 Report No:

EF0011 Document No:

CERTIFICATE OF ANALYSIS

17/10/2018 **Date Received** 25/10/2018 **Date Reported** P1453 **Order Number**

Surface Water Sample Type

Client ID 17/10/2018 Lyrena SW5

Date Tested 17/10/2018 ALS ID 3268991

Test	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total with ATU	<2	mg/l O2	P280
Orthophosphate	< 0.02	mg/l P	P281
Chloride	18.8	mg/l CL	P281
Nitrate	13.0	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

Report Authorised by:

Rosemany



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07/11/2018

23/11/2018

P1453

Report No: HYDR-212071118

Date Received

Date Reported

Order Number

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

Sample Reception 6 sample(s) received in good condition.

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Roseman

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Report No: HYDR-212071118

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Received	07/11/2018
Date Reported	23/11/2018
Order Number	P1453

 Sample Type
 Effluent

 Client ID
 P1 453 - SW1

 Date Tested
 07/11/2018

 ALS ID
 3292737

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	42	mg / I	P202
Phosphorus	0.20	mg/l P	P207
BOD 5 day Total with ATU	3	mg/l O2	P280
Orthophosphate	< 0.02	mg/l P	P281
Chloride	20.8	mg/l CL	P281
Nitrate	12.9	mg/I NO3	P281
Nitrite	< 0.05	mg/I NO2	P281
Ammonia	0.05	mg/l NH3-N	P281
Nitrogen (Total)	3.5	mg/L N	P285

 Sample Type
 Effluent

 Client ID
 P1 453 - SW2

 Date Tested
 07/11/2018

 ALS ID
 3292738

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	27	mg / I	P202
Phosphorus	0.14	mg/l P	P207
BOD 5 day Total with ATU	2	mg/l O2	P280
Orthophosphate	< 0.02	mg/l P	P281
Chloride	23.9	mg/l CL	P281
Nitrate	6.0	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Ammonia	0.04	mg/l NH3-N	P281
Nitrogen (Total)	2.7	mg/L N	P285

Report Authorised by:



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Report No: HYDR-212071118

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Received	07/11/2018
Date Reported	23/11/2018
Order Number	P1453

Sample TypeEffluentClient IDP1 453 - SW3Date Tested07/11/2018ALS ID3292739

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	19	mg / I	P202
Phosphorus	0.11	mg/l P	P207
BOD 5 day Total with ATU	2	mg/l O2	P280
Orthophosphate	< 0.02	mg/l P	P281
Chloride	22.4	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)	3.7	mg/L N	P285

 Sample Type
 Effluent

 Client ID
 P1 453 - SW4

 Date Tested
 07/11/2018

 ALS ID
 3292740

Test Suspended Solids Phosphorus BOD 5 day Total with ATU Orthophosphate Chloride Nitrate Nitrite Ammonia	Result 20 0.17 3 0.03 25.6 9.5 <0.05 0.05	Unit mg / I mg/I P mg/I O2 mg/I P mg/I CL mg/I NO3 mg/I NO2 mg/I NH3-N	Method P202 P207 P280 P281 P281 P281 P281 P281
Ammonia Nitrogen (Total)	0.05 5.5	mg/l NH3-N mg/L N	P281 P285
3 (/	3.0		

Report Authorised by:



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Report No: HYDR-212071118

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

 Date Received
 07/11/2018

 Date Reported
 23/11/2018

 Order Number
 P1453

 Sample Type
 Effluent

 Client ID
 P1 453 - SW5

 Date Tested
 07/11/2018

 ALS ID
 3292741

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	12	mg / I	P202
Phosphorus	0.18	mg/l P	P207
BOD 5 day Total with ATU	2	mg/l O2	P280
Orthophosphate	0.04	mg/l P	P281
Chloride	23.2	mg/l CL	P281
Nitrate	17.7	mg/I NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Ammonia	0.07	mg/l NH3-N	P281
Nitrogen (Total)	6.4	mg/L N	P285

 Sample Type
 Effluent

 Client ID
 P1 453 - SW6

 Date Tested
 07/11/2018

 ALS ID
 3292742

Test Suspended Solids Phosphorus BOD 5 day Total with ATU	Result 17 0.17 3	<u>Unit</u> mg / I mg/I P mg/I O2	Method P202 P207 P280
Orthophosphate Chloride	<0.02 22.2	mg/l P mg/l CL	P281 P281
Nitrate	6.3	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Ammonia	0.03	mg/l NH3-N	P281
Nitrogen (Total)	3.7	mg/L N	P285

Report Authorised by:



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09/01/2019

15/01/2019

P1453

Report No: HYDR-083090119

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

Sample Reception 2 sample(s) received in good condition.

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas

Environmental Chemistry Manager

Roseman

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Report No: HYDR-083090119

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 09/01/2019

 Date Reported
 15/01/2019

 Order Number
 P1453

Sample Type Water

Client ID 8/1/19 glendine gravitx intake

Date Tested 10/01/2019 **ALS ID** 3358280

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.69	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.04	mg/l NH3-N	P281
Chloride	19.7	mg/l CL	P281
Nitrate	12.6	mg/I NO3	P281
Nitrite	<0.05	mg/I NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	3.1	mg/L N	P285

Sample Type Water

Client ID 8/1/19 tourig pumped intake

 Date Tested
 10/01/2019

 ALS ID
 3358281

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	2.20	NTU	P239
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	21.3	mg/I CL	P281
Nitrate	31.7	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	0.02	mg/l P	P281
Nitrogen (Total)	11.5	mg/L N	P285

Report Authorised by:

Rosemany Thomas



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24/01/2019

06/02/2019

P1453

Report No: HYDR-497240119

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

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

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Roseman

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Report No: HYDR-497240119

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 24/01/2019

 Date Reported
 06/02/2019

 Order Number
 P1453

Sample Type Water

Client ID P1453 - Glendine gravity intake

 Date Tested
 24/01/2019

 ALS ID
 3377702

Test	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.41	NTU	P239
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	19.7	mg/l CL	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrate	11.0	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Nitrogen (Total)	5.7	mg/L N	P285

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24/01/2019

05/02/2019

P1453

Report No: HYDR-499240119

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

Hydro Environmental Services

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

Comments N/A

For the Attention of:

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Roseman

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Report No: HYDR-499240119

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 24/01/2019

 Date Reported
 05/02/2019

 Order Number
 P1453

Sample Type Water

Client ID P1453- Touri pumped intake

Date Tested 24/01/2019 **ALS ID** 3377703

Test	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.66	NTU	P239
BOD 5 day Total	<2	mg/l O2	P280
Ammonia	0.17	mg/l NH3-N	P281
Nitrate	29.0	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Orthophosphate	0.03	mg/l P	P281
Chloride	24.8	mg/l CL	P281
Nitrogen (Total)	8.2	mg/L N	P285

Report Authorised by:



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30/01/2019

06/02/2019

P1453

Report No: HYDR-570300119

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

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

Roseman

- 1. Results in this report relate only to the items tested
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- 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. CFU indicates Colony Forming Units, MPN indicates Most Probable Number
- 7. SUBCON* indicates analysis subcontracted to approved subcontractors who do not hold accreditation for this test
- 8. SUBCON^ indicates analysis subcontracted to approved subcontractors who hold accreditation for this test
- 9. Where sampling is undertaken by ALS personnel, sampling activities are outside the scope of INAB accreditation



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Report No: HYDR-570300119

Document No: EF0011

CERTIFICATE OF ANALYSIS

 Date Received
 30/01/2019

 Date Reported
 06/02/2019

 Order Number
 P1453

Sample Type Effluent

Client ID P1453 SW2 30.01.2019

Date Tested 31/01/2019 **ALS ID** 3384621

Test	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	3.21	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.06	mg/l NH3-N	P281
Chloride	20.3	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
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Effluent

Client ID P1453 SW5 30.01.2019

 Date Tested
 31/01/2019

 ALS ID
 3384622

Test	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	0.10	mg/l P	P207
Turbidity	1.81	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	18.1	mg/l CL	P281
Nitrate	14.4	mg/I NO3	P281
Nitrite	<0.05	mg/I NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	3.9	mg/L N	P285

Report Authorised by:

Rosemany Thomas



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Report No: HYDR-570300119

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CERTIFICATE OF ANALYSIS

 Date Received
 30/01/2019

 Date Reported
 06/02/2019

 Order Number
 P1453

Sample Type Effluent

Client ID P1453 Glendine 30.01.2019

Date Tested 31/01/2019 **ALS ID** 3384623

Test	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.80	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	19.2	mg/l CL	P281
Nitrate	8.5	mg/I NO3	P281
Nitrite	< 0.05	mg/I NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrogen (Total)	2.0	mg/L N	P285

Sample Type Effluent

Client ID P1453 Tourig 30.01.2019

 Date Tested
 31/01/2019

 ALS ID
 3384624

Result	<u>Unit</u>	Method
<5	mg / I	P202
0.11	mg/l P	P207
1.12	NTU	P239
2	mg/l O2	P280
0.02	mg/l NH3-N	P281
21.1	mg/l CL	P281
18.7	mg/l NO3	P281
<0.05	mg/I NO2	P281
0.02	mg/l P	P281
4.5	mg/L N	P285
	<5 0.11 1.12 2 0.02 21.1 18.7 <0.05 0.02	Figure 1 Figure 2 Figure 3 Figure 4 Figure 4

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Rosemany Thomas



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04/06/2020

12/06/2020

N/A

Report No: HYDR-772040620

Date Received

Date Reported

Order Number

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client Hydro Environmental Services

22 Lower Main Street

Dungarvan
Co. Waterford

For the Attention of: Hydro Environmental Services

Sample Reception 7 sample(s) received in good condition.

Comments N/A

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

Roseman

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- 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: HYDR-772040620

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CERTIFICATE OF ANALYSIS

 Date Received
 04/06/2020

 Date Reported
 12/06/2020

Order Number N/A

Sample Type Water

Client ID P1453 - Glendine intake

Date Tested 05/06/2020 **ALS ID** 4020464

<u>Test</u>	Result	<u>Unit</u>	<u>Method</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	0.72	NTU	P239
BOD 5 day Total	<1	mg/I O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	18.7	mg/l CL	P281
Nitrate	12.5	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Orthophosphate	0.01	mg/l P	P281
Nitrogen (Total)	3.1	mg/L N	P285

Sample Type Water

Client ID P1453 - Tourig intake

 Date Tested
 05/06/2020

 ALS ID
 4020465

Test	Result	<u>Unit</u>	Method
Suspended Solids	7	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	4.32	NTU	P239
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	< 0.02	mg/l NH3-N	P281
Chloride	20.5	mg/l CL	P281
Nitrate	19.5	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Orthophosphate	0.01	mg/l P	P281
Nitrogen (Total)	4.5	mg/L N	P285

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Report No: HYDR-772040620

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CERTIFICATE OF ANALYSIS

 Date Received
 04/06/2020

 Date Reported
 12/06/2020

 Order Number
 N/A

 Sample Type
 Water

 Client ID
 P1453 - SW1

 Date Tested
 05/06/2020

 ALS ID
 4020466

<u>Test</u>	<u>Result</u>	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	0.58	NTU	P239
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	18.1	mg/l CL	P281
Nitrate	12.0	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Orthophosphate	0.01	mg/l P	P281
Nitrogen (Total)	3.1	mg/L N	P285

 Sample Type
 Water

 Client ID
 P1453 - SW2

 Date Tested
 05/06/2020

 ALS ID
 4020467

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.83	NTU	P239
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	0.07	mg/l NH3-N	P281
Chloride	19.1	mg/l CL	P281
Nitrate	5.1	mg/l NO3	P281
Nitrite	< 0.05	mg/l NO2	P281
Orthophosphate	0.02	mg/l P	P281*
Nitrogen (Total)	1.9	mg/L N	P285

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 Date Received
 04/06/2020

 Date Reported
 12/06/2020

 Order Number
 N/A

 Sample Type
 Water

 Client ID
 P1453 - SW3

 Date Tested
 05/06/2020

 ALS ID
 4020468

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Methoo</u>
Suspended Solids	<5	mg / I	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.36	NTU	P239
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	19.7	mg/l CL	P281
Nitrate	6.9	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	0.01	mg/l P	P281
Nitrogen (Total)	1.1	mg/L N	P285

 Sample Type
 Water

 Client ID
 P1453 - SW5

 Date Tested
 05/06/2020

 ALS ID
 4020470

P202
P207
P239
P280
P281
P285

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 Date Received
 04/06/2020

 Date Reported
 12/06/2020

 Order Number
 N/A

 Sample Type
 Water

 Client ID
 P1453 - SW6

 Date Tested
 05/06/2020

 ALS ID
 4020471

<u>Test</u>	Result	<u>Unit</u>	Method
Suspended Solids	9	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
Turbidity	1.96	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	17.1	mg/l CL	P281
Nitrate	13.4	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	0.02	mg/l P	P281
Nitrogen (Total)	4.6	mg/L N	P285

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