



APPENDIX 9-2

LABORATORY REPORTS



ALS Life Sciences Ltd trading as ALS
Carrigeen Business Park, Clonmel, Co. Tipperary
Telephone: +353 (0) 52 617 8100



Report No: HYDR-648130723

Document No: EF0011

CERTIFICATE OF ANALYSIS

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

Date Submitted 13/07/2023
Date Reported 26/07/2023
Order Number P1625-0

For the Attention of: Hydro Environmental Services
Sample Reception 8 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
10. Statement of conformity made against the result does not take into account the uncertainty of measurement associated with the method



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Report No: HYDR-648130723

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CERTIFICATE OF ANALYSIS

Date Submitted 13/07/2023

Date Reported 26/07/2023

Order Number P1625-0

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW1 10.00
Date Tested 13/07/2023
ALS ID 5659945

Test	Result	Unit	Method
Suspended Solids	<6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1.0	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	10.8	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW2 10.30
Date Tested 13/07/2023
ALS ID 5659946

Test	Result	Unit	Method
Suspended Solids	6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	13.8	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-648130723

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CERTIFICATE OF ANALYSIS

Date Submitted 13/07/2023

Date Reported 26/07/2023

Order Number P1625-0

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW3 11.00
Date Tested 13/07/2023
ALS ID 5659947

Test	Result	Unit	Method
Suspended Solids	<6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	<1.0	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	19.5	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW4 11.30
Date Tested 13/07/2023
ALS ID 5659948

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	<1.0	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	16.0	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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CERTIFICATE OF ANALYSIS

Date Submitted 13/07/2023

Date Reported 26/07/2023

Order Number P1625-0

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW5 11.45
Date Tested 13/07/2023
ALS ID 5659949

Test	Result	Unit	Method
Suspended Solids	<6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	<1.0	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	13.5	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
Total Oxidised Nitrogen	0.70	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW6 12.00
Date Tested 13/07/2023
ALS ID 5659950

Test	Result	Unit	Method
Suspended Solids	<6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1.0	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	12.7	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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CERTIFICATE OF ANALYSIS

Date Submitted 13/07/2023

Date Reported 26/07/2023

Order Number P1625-0

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW7 12.30
Date Tested 13/07/2023
ALS ID 5659951

Test	Result	Unit	Method
Suspended Solids	<6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	13.7	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625- Knockshanvo 13/07/2023 SW8 13.00
Date Tested 13/07/2023
ALS ID 5659952

Test	Result	Unit	Method
Suspended Solids	5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	14.2	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
Total Oxidised Nitrogen	0.30	mg/L N	P281
Nitrogen (Total)	1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-605160823

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Client	Hydro Environmental Services 22 Lower Main Street Dungarvan Co. Waterford	Date Submitted	16/08/2023
		Date Reported	31/08/2023
		Order Number	P1625-0
For the Attention of:	Hydro Environmental Services		
Sample Reception	8 sample(s) received in good condition.		
Comments	N/A		

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

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10. Statement of conformity made against the result does not take into account the uncertainty of measurement associated with the method
11. This supplementary certificate replaces the previous certificate which must be destroyed



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Report No: HYDR-605160823

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 16/08/2023

Date Reported 31/08/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW1 09.00 15/08/2023
Date Tested 16/08/2023
ALS ID 5710489

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.15	mg/l P	P207
BOD 5 day Total	3	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.02	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	9.4	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW2 9.30 15/08/2023
Date Tested 16/08/2023
ALS ID 5710490

Test	Result	Unit	Method
Suspended Solids	18	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.02	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	13.2	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 16/08/2023

Date Reported 31/08/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW3 10.00 15/08/2023
Date Tested 16/08/2023
ALS ID 5710491

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	3	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.06	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	11.3	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW4 10.30 15/08/2023
Date Tested 16/08/2023
ALS ID 5710492

Test	Result	Unit	Method
Suspended Solids	7	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	3	mg/l O2	P280
Orthophosphate	0.02	mg/l P	P281
Ammonia	0.02	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	16.3	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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Report No: HYDR-605160823

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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 16/08/2023

Date Reported 31/08/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW5 10.45 15/08/2023
Date Tested 16/08/2023
ALS ID 5710493

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.12	mg/l P	P207
BOD 5 day Total	3	mg/l O ₂	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	<0.02	mg/l NH ₃ -N	P281
Nitrite	<0.01	mg/l NO ₂ N	P281
Nitrate	<1.0	mg/l NO ₃ N	P281
Chloride	14.1	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW6 11.00 15/08/2023
Date Tested 16/08/2023
ALS ID 5710494

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.20	mg/l P	P207
BOD 5 day Total	5	mg/l O ₂	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.04	mg/l NH ₃ -N	P281
Nitrite	<0.01	mg/l NO ₂ N	P281
Nitrate	<1.0	mg/l NO ₃ N	P281
Chloride	12.2	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-605160823

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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 16/08/2023

Date Reported 31/08/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW7 11.15 15/08/2023
Date Tested 16/08/2023
ALS ID 5710495

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.21	mg/l P	P207
BOD 5 day Total	5	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.03	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	12.8	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW8 11.30 15/08/2023
Date Tested 16/08/2023
ALS ID 5710496

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.18	mg/l P	P207
BOD 5 day Total	5	mg/l O2	P280
Orthophosphate	<0.02	mg/l P	P281
Ammonia	0.02	mg/l NH3-N	P281
Nitrite	<0.01	mg/l NO2N	P281
Nitrate	<1.0	mg/l NO3N	P281
Chloride	14.4	mg/l Cl	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-728130923

Document No: EF0011

CERTIFICATE OF ANALYSIS

Client	Hydro Environmental Services 22 Lower Main Street Dungarvan Co. Waterford	Date Submitted	13/09/2023
		Date Reported	24/09/2023
		Order Number	P1625-0
For the Attention of:	Hydro Environmental Services		
Sample Reception	8 sample(s) received in good condition.		
Comments	N/A		

Report Authorised by:

Rosemary Thomas
Environmental Chemistry Manager

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7. SUBCON^ indicates analysis subcontracted to approved subcontractors who hold accreditation for this test
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Report No: HYDR-728130923

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CERTIFICATE OF ANALYSIS

Date Submitted 13/09/2023

Date Reported 24/09/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW1 10.30am 13/09/2023
Date Tested 14/09/2023
ALS ID 5755037

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	11.7	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW2 10.45am 13/09/2023
Date Tested 14/09/2023
ALS ID 5755038

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	16.2	mg/l Cl	P281
Nitrate	6.7	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Total Oxidised Nitrogen	1.51	mg/L N	P281
Nitrogen (Total)	1.6	mg/L N	P285*

Report Authorised by:

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Report No: HYDR-728130923

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CERTIFICATE OF ANALYSIS

Date Submitted 13/09/2023

Date Reported 24/09/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW3 11.15am 13/09/2023
Date Tested 14/09/2023
ALS ID 5755039

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.12	mg/l NH3-N	P281
Chloride	12.4	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW4 11.30am 13/09/2023
Date Tested 14/09/2023
ALS ID 5755040

Test	Result	Unit	Method
Suspended Solids	6	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	19.0	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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Report No: HYDR-728130923

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CERTIFICATE OF ANALYSIS

Date Submitted 13/09/2023

Date Reported 24/09/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW5 11.45am 13/09/2023
Date Tested 14/09/2023
ALS ID 5755041

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	14.2	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW6 12.15pm 13/09/2023
Date Tested 14/09/2023
ALS ID 5755042

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.04	mg/l NH3-N	P281
Chloride	14.5	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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CERTIFICATE OF ANALYSIS

Date Submitted 13/09/2023

Date Reported 24/09/2023

Order Number P1625-0

Sample Type Water
Client ID Knockshanvo SW7 12.45pm 13/09/2023
Date Tested 14/09/2023
ALS ID 5755043

Test	Result	Unit	Method
Suspended Solids	<10	mg / l	P202
Suspended Solids	4	mg / l	P202*
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	<5	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	15.4	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID Knockshanvo SW8 13.30pm 13/09/2023
Date Tested 14/09/2023
ALS ID 5755044

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	14.8	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
Total Oxidised Nitrogen	0.30	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Telephone: +353 (0) 52 617 8100



Report No: HYDR-880121023

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Client	Hydro Environmental Services 22 Lower Main Street Dungarvan Co. Waterford	Date Submitted	12/10/2023
		Date Reported	26/10/2023
		Order Number	P1625
For the Attention of:	Hydro Environmental Services		
Sample Reception	8 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
10. Statement of conformity made against the result does not take into account the uncertainty of measurement associated with the method
11. This supplementary certificate replaces the previous certificate which must be destroyed



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Report No: HYDR-880121023

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 12/10/2023

Date Reported 26/10/2023

Order Number P1625

Sample Type Water
Client ID P1625 Knockshanvo SW1 10.30am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798651

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.16	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	9.3	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625 Knockshanvo SW2 10.45am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798652

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.17	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	12.5	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-880121023

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 12/10/2023

Date Reported 26/10/2023

Order Number P1625

Sample Type Water
Client ID P1625 Knockshanvo SW3 11.15am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798653

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.12	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.05	mg/l NH3-N	P281
Chloride	10.3	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625 Knockshanvo SW4 11.30am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798654

Test	Result	Unit	Method
Suspended Solids	8	mg / l	P202
Phosphorus	0.15	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	14.3	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-880121023

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SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 12/10/2023

Date Reported 26/10/2023

Order Number P1625

Sample Type Water
Client ID P1625 Knockshanvo SW5 11:45am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798655

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.12	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	13.0	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
Total Oxidised Nitrogen	0.66	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625 Knockshanvo SW6 12.15am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798656

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.13	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	10.4	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
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-880121023

Document No: EF0011

SUPPLEMENTARY CERTIFICATE OF ANALYSIS

Date Submitted 12/10/2023

Date Reported 26/10/2023

Order Number P1625

Sample Type Water
Client ID P1625 Knockshanvo SW7 12.45am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798657

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.14	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	10.9	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
Total Oxidised Nitrogen	0.35	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Water
Client ID P1625 Knockshanvo SW8 13.30am 12/10/2023
Date Tested 13/10/2023
ALS ID 5798658

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.16	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Chloride	13.8	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
Total Oxidised Nitrogen	0.71	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

Rosemary Thomas