

RECEIVED: 02/09/2025



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-850260324

Document No: EF0011

RECEIVED: 02/04/2025

CERTIFICATE OF ANALYSIS

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

Date Submitted 26/03/2024
Date Reported 10/04/2024
Order Number p1688-0

For the Attention of: Hydro Environmental Services
Sample Reception 4 sample(s) received in good condition.

Comments N/A

Report Authorised by:

Rosemary Thomas

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-850260324

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CERTIFICATE OF ANALYSIS

Date Submitted 26/03/2024

Date Reported 10/04/2024

Order Number p1688-0

Sample Type Water
Client ID P1688 - Taurbeg SW 1 13:30 26/03/2024
Date Tested 27/03/2024
ALS ID 6054299

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.1	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	9.2	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 P1605 - Taurbeg SW 2 14:00 26/03/2024
Date Tested 27/03/2024
ALS ID 6054300

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.1	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Chloride	5.3	mg/l Cl	P281
Nitrate	5.6	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	<0.02	mg/l P	P281
Total Oxidised Nitrogen	1.25	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Report Authorised by:

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CERTIFICATE OF ANALYSIS

Date Submitted 26/03/2024
Date Reported 10/04/2024
Order Number p1688-0

Sample Type Water
Client ID P1605 - Taurbeg SW 3 14:30 26/03/2024
Date Tested 27/03/2024
ALS ID 6054301

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.1	mg/l P	P207
BOD 5 day Total	1	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	5.8	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 P1605 - Taurbeg SW 4 15:00 26/03/2024
Date Tested 27/03/2024
ALS ID 6054302

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.2	mg/l P	P207
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Chloride	9.5	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)	1.2	mg/L N	P285

Report Authorised by:

Rosemary Thomas



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Report No: HYDR-821140824

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CERTIFICATE OF ANALYSIS

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

Date Submitted 14/08/2024
Date Reported 28/08/2024
Order Number P1688-0

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

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CERTIFICATE OF ANALYSIS

Date Submitted 14/08/2024

Date Reported 28/08/2024

Order Number P1688-0

Sample Type Effluent
Client ID P1688 Taurbeg SW5 11:30 14/08/2024
Date Tested 15/08/2024
ALS ID 6284290

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	14.7	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	0.64	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Effluent
Client ID P1605 Taurbeg SW2 12:00 14/08/2024
Date Tested 15/08/2024
ALS ID 6284291

Test	Result	Unit	Method
Suspended Solids	<5	mg / l	P202
Phosphorus	0.11	mg/l P	P207
BOD 5 day Total	<1	mg/l O2	P280
Ammonia	0.06	mg/l NH3-N	P281
Chloride	18.4	mg/l Cl	P281
Nitrate	<5.0	mg/l NO3	P281
Nitrite	<0.05	mg/l NO2	P281
Orthophosphate	0.04	mg/l P	P281
Total Oxidised Nitrogen	0.40	mg/L N	P281
Nitrogen (Total)	1.1	mg/L N	P285

Report Authorised by:

Rosemary Thomas

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Environmental Chemistry Manager



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Date Submitted 14/08/2024

Date Reported 28/08/2024

Order Number P1688-0

Sample Type Effluent
Client ID P1605 Taurbeg SW3 12:30 14/08/2024
Date Tested 15/08/2024
ALS ID 6284292

Test	Result	Unit	Method
Suspended Solids	55	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	11.5	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	0.52	mg/L N	P281
Nitrogen (Total)	<1.0	mg/L N	P285

Sample Type Effluent
Client ID P1605 Taurbeg SW4 12:45 14/08/2024
Date Tested 15/08/2024
ALS ID 6284293

Test	Result	Unit	Method
Suspended Solids	17	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	14.0	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:

Rosemary Thomas