



# Appendix 7-5 Surface Water Laboratory Results

**EIAR – Volume 3**

**Muingmore Wind Farm**

SLR Project No.: 501.065301.00001

April 2026



## CERTIFICATE OF ANALYSIS

Work Order	: PR23B2606	Issue Date	: 13-Oct-2023
Customer	: ALS Life Sciences Ltd	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Thomas O'Sullivan	Contact	: Client Service
Address	: Carrigeen Business Park Clonmel Co. Tipperary Tipperary Ireland	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: Thomas.OSullivan@alsglobal.com	E-mail	: customer.support@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 228
Project	: SRLC-767280923	Page	: 1 of 3
Order number	: ----	Date Samples Received	: 04-Oct-2023
		Quote number	: PR2012ALSLI-IE0002 (CZ-200-12-0931_V3)
Site	: ----	Date of test	: 05-Oct-2023 - 13-Oct-2023
Sampled by	: customer	QC Level	: ALS CR Standard Quality Control Schedule

### General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory. The laboratory is not responsible for information provided by the customer.

The laboratory declares that the test results relate only to the listed samples. If "ALS" is not included in the test report in the "Sampled by" section, then the results refer to the sample as received.

Sample PR23B2606/007,012, method W-TPHFID01 - the limit of quantification was increased due to insufficient amount of sample

All results highlighted in Bold indicate a reading above the Limit of Reporting (LOR) only for that test, and are not compared with any parametric value.

### Responsible for accuracy

Testing Laboratory No. 1163  
Accredited by CAI according to  
CSN EN ISO/IEC 17025:2018

#### Signatories

Lubomír Pokorný

#### Position

Country Manager



The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)



## Analytical Results

Sub-Matrix: SURFACE WATER				Client sample ID		5777982 SW-1		5777984 SW-2		5777985 SW-3	
				Laboratory sample ID		PR23B2606001		PR23B2606002		PR23B2606003	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons</b>											
C10 - C12 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		
C12 - C16 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		
C16 - C35 Fraction	W-TPHFID01	30.0	µg/L	<30.0	---	<30.0	---	<30.0	---		
C35 - C40 Fraction	W-TPHFID01	10.0	µg/L	<10.0	---	<10.0	---	<10.0	---		
C10 - C40 Fraction	W-TPHFID01	50.0	µg/L	<50.0	---	<50.0	---	<50.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		5777987 SW-4		5777989 SW-5		5777990 SW-6	
				Laboratory sample ID		PR23B2606004		PR23B2606005		PR23B2606006	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons</b>											
C10 - C12 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		
C12 - C16 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		
C16 - C35 Fraction	W-TPHFID01	30.0	µg/L	<30.0	---	<30.0	---	<30.0	---		
C35 - C40 Fraction	W-TPHFID01	10.0	µg/L	<10.0	---	<10.0	---	<10.0	---		
C10 - C40 Fraction	W-TPHFID01	50.0	µg/L	<50.0	---	<50.0	---	<50.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		5777991 SW-7		5777992 SW-8		5777993 SW-9	
				Laboratory sample ID		PR23B2606007		PR23B2606008		PR23B2606009	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons</b>											
C10 - C12 Fraction	W-TPHFID01	5.0	µg/L	<7.5	---	<5.0	---	<5.0	---		
C12 - C16 Fraction	W-TPHFID01	5.0	µg/L	<7.5	---	<5.0	---	<5.0	---		
C16 - C35 Fraction	W-TPHFID01	30.0	µg/L	<45.0	---	<30.0	---	<30.0	---		
C35 - C40 Fraction	W-TPHFID01	10.0	µg/L	<15.0	---	<10.0	---	<10.0	---		
C10 - C40 Fraction	W-TPHFID01	50.0	µg/L	<75.0	---	<50.0	---	<50.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		5777994 SW-10		5777995 SW-11		5777996 SW-12	
				Laboratory sample ID		PR23B2606010		PR23B2606011		PR23B2606012	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons</b>											
C10 - C12 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<7.5	---		
C12 - C16 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<7.5	---		
C16 - C35 Fraction	W-TPHFID01	30.0	µg/L	<30.0	---	<30.0	---	<45.0	---		
C35 - C40 Fraction	W-TPHFID01	10.0	µg/L	<10.0	---	<10.0	---	<15.0	---		
C10 - C40 Fraction	W-TPHFID01	50.0	µg/L	<50.0	---	<50.0	---	<75.0	---		

Sub-Matrix: SURFACE WATER				Client sample ID		5777997 SW-13		5777998 SW-14		5777999 SW-15	
				Laboratory sample ID		PR23B2606013		PR23B2606014		PR23B2606015	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons</b>											
C10 - C12 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		



Sub-Matrix: SURFACE WATER				Client sample ID		5777997		5777998		5777999	
				SW-13		SW-14		SW-15			
				Laboratory sample ID		PR23B2606013		PR23B2606014		PR23B2606015	
				Client sampling date / time		[04-Oct-2023]		[04-Oct-2023]		[04-Oct-2023]	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
<b>Petroleum Hydrocarbons - Continued</b>											
C12 - C16 Fraction	W-TPHFID01	5.0	µg/L	<5.0	---	<5.0	---	<5.0	---		
C16 - C35 Fraction	W-TPHFID01	30.0	µg/L	<30.0	---	<30.0	---	<30.0	---		
C35 - C40 Fraction	W-TPHFID01	10.0	µg/L	<10.0	---	<10.0	---	<10.0	---		
C10 - C40 Fraction	W-TPHFID01	50.0	µg/L	<50.0	---	<50.0	---	<50.0	---		

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.

Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

## Brief Method Summaries

Analytical Methods	Method Descriptions
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
W-TPHFID01	CZ_SOP_D06_03_151(ČSN EN ISO 9377-2; US EPA Method 8015; US EPA Method 3510) Determination of extractable substances in the range of hydrocarbons C10 – C40, their fractions by calculation from measured values using the gas chromatography method with FID detection

The symbol "\*" for the method indicates a test outside the scope of accreditation of the laboratory or subcontractor. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. If the lab used for matrix outside the scope of accreditation or non-standard sample matrix procedure specified in the accredited method and issues non-accredited results, this fact is stated on the title page of this protocol in the section "Notes". If the test report shows the results of subcontracting, the place of performance of the test is outside the laboratories of ALS Czech Republic, s.r.o.

The method for calculating of the summation parameters is available on request in the customer service.

***The end of the certificate of analysis***



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



Report No: SRLC-767280923

Document No: EF0011

## CERTIFICATE OF ANALYSIS

<b>Client</b>	<b>SLR Consulting Ireland</b> Unit 7 Dundrum Business Park Windy Arbour Dublin 14	<b>Date Submitted</b>	28/09/2023
		<b>Date Reported</b>	08/11/2023
		<b>Order Number</b>	S01.065217
<b>For the Attention of:</b>	Peter Glanville & Cathal Faherty		
<b>Sample Reception</b>	15 sample(s) received. Sample(s) listed below may have been analysed outside the recommended stability time of 24 hours, as information on date and/or time sampled was not provided. It is therefore possible that the results provided may be compromised.		
<b>Comments</b>	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/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
10. Statement of conformity made against the result does not take into account the uncertainty of measurement associated with the method



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-1  
**Date Tested** 28/09/2023  
**ALS ID** 5777982

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	6	mg / l	P202
Phosphorus	0.17	mg/l P	P207
COD Total	54	mg/l O2	P210
pH	6.5	pH units	P233
Turbidity	3.18	NTU	P239
BOD 5 day Total	5	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	64	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-2  
**Date Tested** 28/09/2023  
**ALS ID** 5777984

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	35	mg/l O2	P210
pH	6.2	pH units	P233
Turbidity	1.99	NTU	P239
BOD 5 day Total	5	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	41	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-3  
**Date Tested** 28/09/2023  
**ALS ID** 5777985

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	37	mg/l O2	P210
pH	4.6	pH units	P233
Turbidity	0.94	NTU	P239
BOD 5 day Total	4	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	50	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-4  
**Date Tested** 28/09/2023  
**ALS ID** 5777987

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	22	mg / l	P202
Phosphorus	0.12	mg/l P	P207
COD Total	49	mg/l O2	P210
pH	6.5	pH units	P233
Turbidity	13.0	NTU	P239
BOD 5 day Total	4	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	100	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-5  
**Date Tested** 28/09/2023  
**ALS ID** 5777989

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	0.12	mg/l P	P207
COD Total	78	mg/l O2	P210
pH	5.9	pH units	P233
Turbidity	2.07	NTU	P239
BOD 5 day Total	4	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	95	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-6  
**Date Tested** 28/09/2023  
**ALS ID** 5777990

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	81	mg/l O2	P210
pH	5.5	pH units	P233
Turbidity	1.27	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	106	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-7  
**Date Tested** 28/09/2023  
**ALS ID** 5777991

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	9	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	1190	mg/l O2	P210
pH	7.9	pH units	P233
Turbidity	2.23	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.32	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	44	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-8  
**Date Tested** 28/09/2023  
**ALS ID** 5777992

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	0.17	mg/l P	P207
COD Total	90	mg/l O2	P210
pH	5.4	pH units	P233
Turbidity	1.57	NTU	P239
BOD 5 day Total	4	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	112	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-9  
**Date Tested** 28/09/2023  
**ALS ID** 5777993

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	118	mg/l O2	P210
pH	5.2	pH units	P233
Turbidity	0.60	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	172	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-10  
**Date Tested** 28/09/2023  
**ALS ID** 5777994

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	8	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	99	mg/l O2	P210
pH	5.3	pH units	P233
Turbidity	1.06	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.04	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	114	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-11  
**Date Tested** 28/09/2023  
**ALS ID** 5777995

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	66	mg/l O2	P210
pH	5.2	pH units	P233
Turbidity	1.12	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	86	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-12  
**Date Tested** 28/09/2023  
**ALS ID** 5777996

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	61	mg/l O2	P210
pH	5.7	pH units	P233
Turbidity	1.98	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	93	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



Report No: SRLC-767280923

Document No: EF0011

### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-13  
**Date Tested** 28/09/2023  
**ALS ID** 5777997

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	15	mg / l	P202
Phosphorus	0.16	mg/l P	P207
COD Total	86	mg/l O2	P210
pH	6.4	pH units	P233
Turbidity	9.94	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	180	µs/cm	P284

**Sample Type** Surface Water  
**Client ID** SW-14  
**Date Tested** 28/09/2023  
**ALS ID** 5777998

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	<5	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	67	mg/l O2	P210
pH	5.1	pH units	P233
Turbidity	0.74	NTU	P239
BOD 5 day Total	2	mg/l O2	P280
Ammonia	<0.02	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	103	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*



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



Report No: SRLC-767280923

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### CERTIFICATE OF ANALYSIS

**Date Submitted** 28/09/2023  
**Date Reported** 08/11/2023  
**Order Number** S01.065217

**Sample Type** Surface Water  
**Client ID** SW-15  
**Date Tested** 28/09/2023  
**ALS ID** 5777999

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Subcontracted Analysis	Separate Report Issued	-	Not applicable
Suspended Solids	7	mg / l	P202
Phosphorus	<0.10	mg/l P	P207
COD Total	61	mg/l O2	P210
pH	5.1	pH units	P233
Turbidity	1.89	NTU	P239
BOD 5 day Total	3	mg/l O2	P280
Ammonia	0.03	mg/l NH3-N	P281
Nitrate	<1.0	mg/l NO3N	P281
Orthophosphate	<0.02	mg/l P	P281
Nitrite	<0.01	mg/l NO2N	P281
Total Oxidised Nitrogen	<0.25	mg/L N	P281
Conductivity @ 20°C	114	µs/cm	P284

Report Authorised by:

*Rosemary Thomas*