

Client: Matrix Environmental
 Unit 12 Old Connell Weir Newbridge Co Kildare
 Kildare
 IRELAND

Certificate Code: AR-21-M3-004839-01

Page Number: Page 1 of 3

PO reference:

Certificate of Analysis

Sample number	966-2021-00009592	Received on	18/11/2021
Your sample reference	GW1	Analysis started on	20/11/2021
Sample Matrix	Ground water		
Additional Information	Satisfactory	Sample Date	18/11/2021
Sample Condition on Arrival	Satisfactory		

Test Code Analyte	SUB ⁵	Method	LOQ ³	SPEC ²	Result	Units	ACCRED ⁴
Total Nitrogen [M3007]							
Total Nitrogen		EW140	1		2.91	mg/l	CN
Chloride mg/L - Gallery [M300S]							
Chloride mg/L - Gallery		EW175	5		75.053	mg/l	CN
Ammonium as NH4 (calc) - Gallery [M300T]							
Ammonium as NH4 (calc) - Gallery		EW175	0.06		0.075	mg/l	CN
Ammonia as N - Gallery [M300Z]							
Ammonia as N - Gallery		EW175	0.05		0.058	mg/l	CN
Nitrate (as N) - Gallery [M301A]							
Nitrate (as N) - Gallery		EW175	1		2.909	mg/l	CN
Ammonia as NH3 (Gallery) [M3279]							
Ammonia as NH3 (Calc)		EW175			0.070528	mg/l	CN
pH [M3282]							
pH		EW158			6.4		CN
Conductivity [M3283]							
Conductivity		EW153	100		663.6	µS/cm	CN
Volatile organic compounds(VOC) low level in water [M502Z]							
1,1,1,2 Tetrachloroethane	*		0.2		<2.0	µg/l	YA
1,1,1-Trichloroethane	*		0.1		<1.0	µg/l	YA
1,1,2-Trichloroethane	*		0.1		<10	µg/l	YA
1,1-Dichloroethane	*		0.1		<1.0	µg/l	YA
1,1-Dichloroethene	*		0.1		<1.0	µg/l	YA
1,1-Dichloropropene	*		0.1		<1.0	µg/l	YA
1,2,3-Trichlorobenzene	*		0.2		<2.0	µg/l	YA
1,2,3-Trichloropropane	*		5		<50	µg/l	YA



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NOTES

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5. "*" indicates the test was sub-contracted
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1,2,4-Trichlorobenzene	*	0.1	<1.0	µg/l	YA
1,2,4-Trimethylbenzene	*	0.1	<1.0	µg/l	YA
1,2-Dibromo-3-chloropropane	*	5	<50	µg/l	YA
1,2-Dibromoethane	*	0.5	<5	µg/l	YA
1,2-Dichlorobenzene	*	0.1	<1.0	µg/l	YA
1,2-Dichloroethane	*	0.2	<2.0	µg/l	YA
1,2-Dichloropropane	*	0.1	<1.0	µg/l	YA
1,3,5-trimethylbenzene	*	0.1	<1.0	µg/l	YA
1,3-Dichlorobenzene	*	0.1	<1.0	µg/l	YA
1,3-Dichloropropane	*	0.2	<2.0	µg/l	YA
1,4-dichlorobenzene	*	0.1	<1.0	µg/l	YA
2-Chlorotoluene	*	0.1	<1.0	µg/l	YA
4-Chlorotoluene	*	0.1	<1.0	µg/l	YA
Benzene	*	0.1	<1.0	µg/l	YA
Bromobenzene	*	0.1	<1.0	µg/l	YA
Bromochloromethane	*	0.5	<5	µg/l	YA
Bromodichloromethane	*	0.5	<5	µg/l	YA
Bromomethane	*	2	<5	µg/l	YA
Chlorobenzene	*	0.1	<1.0	µg/l	YA
Chloroethane	*	0.2	<2.0	µg/l	YA
Chloroform (Trichloromethane)	*	0.1	<10	µg/l	YA
Chloromethane	*	0.1	<1.0	µg/l	YA
cis-1,2-Dichloroethene	*	0.1	<1.0	µg/l	YA
cis-1,3-Dichloropropene	*	1	<10	µg/l	YA
Dibromochloromethane	*	1	<10	µg/l	YA
Dibromomethane	*	0.1	<10	µg/l	YA
Dichlorodifluoromethane	*	0.1	<1.0	µg/l	YA
Ethylbenzene	*	0.1	<1.0	µg/l	YA
Hexachlorobutadiene	*	0.1	<1.0	µg/l	YA
iso-Propylbenzene	*	0.1	<1.0	µg/l	YA
m-/p-Xylene	*	0.1	<1.0	µg/l	YA
Methyl-tert-butylether (MTBE)	*	0.1	<1.0	µg/l	YA
n-Butylbenzene	*	0.1	<1.0	µg/l	YA
n-Propylbenzene	*	0.1	<1.0	µg/l	YA


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o-Xylene	*	0.1	<1.0	µg/l	YA
p-Isopropyltoluene	*	0.1	<1.0	µg/l	YA
sec-Butylbenzene	*	0.1	<1.0	µg/l	YA
Styrene	*	0.1	<1.0	µg/l	YA
tert-Butylbenzene	*	0.1	<1.0	µg/l	YA
Tetrachloroethene	*	0.1	<1.0	µg/l	YA
Tetrachloromethane	*	0.1	<1.0	µg/l	YA
Toluene	*	0.1	<1.0	µg/l	YA
trans-1,2-Dichloroethene	*	0.1	<1.0	µg/l	YA
trans-1,3-Dichloropropene	*	1	<10	µg/l	YA
Tribromomethane	*	1	<1.0	µg/l	YA
Trichloroethene	*	0.1	<1.0	µg/l	YA
Trichlorofluoromethane	*	0.1	<1.0	µg/l	YA
Vinyl chloride	*	0.1	<1.0	µg/l	YA

4 Accreditation Information

CN: ISO/IEC 17025:2017 INAB 111-T



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