

Analysis Certificate (Derrenacrinnig Wind Farm)						
	Sampling Date	16/07/2024	16/07/2024	16/07/2024	16/07/2024	16/07/2024
	Arrival Date	17/07/2024	17/07/2024	17/07/2024	17/07/2024	17/07/2024
EPA Approved	Sample	DW1	DW2	DW3	DW4	DW5
Yes	Nitrate (mg N/l)	<0.010	0.029	0.024	<0.010	0.031
N/A	Nitrite (mg N/l)	<0.001	<0.001	<0.001	<0.001	0.001
Yes	Total Ammonia (mg N/l)	0.009	<0.005	<0.005	<0.005	0.011
N/A	Unionised Ammonia (mg N/l)	<0.001	<0.001	<0.001	<0.001	<0.001
Yes	Ortho-P (mg P/l)	<0.001	<0.001	<0.001	<0.001	<0.001
Yes	Total-P (mg P/l)	0.004	0.003	0.003	0.006	0.003
Yes	BOD (mg O₂/l)	1.1	0.9	1.1	0.9	0.9
Yes	Suspended Solids (mg/l)	1.8	0.4	0.2	0.4	0.2
N/A	Turbidity (NTU)	1.65	0.69	0.10	0.64	0.46

Analysis Certificate (Derrenacrinnig Wind Farm)						
	Sampling Date	19/11/2024	19/11/2024	19/11/2024	19/11/2024	19/11/2024
	Arrival Date	20/11/2024	20/11/2024	20/11/2024	20/11/2024	20/11/2024
EPA Approved	Sample	DW1	DW2	DW3	DW4	DW5
Yes	Nitrate (mg N/l)	0.063	0.046	0.125	0.063	0.122
N/A	Nitrite (mg N/l)	0.001	0.001	0.001	0.001	0.001
Yes	Total Ammonia (mg N/l)	0.014	0.016	0.013	0.017	0.016
N/A	Unionised Ammonia (mg N/l)	<0.001	<0.001	<0.001	<0.001	<0.001
Yes	Ortho-P (mg P/l)	<0.001	<0.001	0.003	<0.001	<0.001
Yes	Total-P (mg P/l)	0.003	0.005	0.007	0.005	0.004
Yes	BOD (mg O₂/l)	0.8	0.8	0.6	0.5	0.6
Yes	Suspended Solids (mg/l)	<0.2	0.4	0.2	<0.2	0.2
N/A	Turbidity (NTU)	0.13	0.32	0.22	0.34	0.18