

6 CERTIFICATION AND SIGN OFF

6.1 SUMMARY OF AER CONTENTS

Parameter	Answer
Does the AER include an Executive Summary?	Yes
Does the AER include an assessment of the performance of the Waste Water Works (i.e. have the results of assessments been interpreted against WWDL requirements and or Environmental Quality Standards)?	Yes
Is there a need to advise the EPA for consideration of a Technical Amendment / Review of the licence?	Yes
List reason e.g. additional SWO identified	Capital improvement of the WWTP
Is there a need to request/advise the EPA of any modification to the existing WWDL with respect to condition 4 changes to monitoring location, frequency etc	No
List reason e.g. changes to monitoring requirements	N/A
Have these processes commenced?	N/A
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	N/A

I certify that the information given in this Annual Environmental Report is truthful, accurate and complete:

Signed: Date: 10/05/2021

This AER has been produced by Irish Water's Environmental Information System (EIMS) and has been electronically signed off in that system for and on behalf of ,

Katherine Walshe

Acting Head of Environmental Regulation.

7 APPENDIX

Appendix
Appendix 7.1 - Ambient monitoring summary

Ambient Monitoring Point from WWDL (or as agreed with EPA)	Irish Grid Reference	EPA Feature Coding Tool code	Receiving Waters Designation (Y/N)				WFD Status
			Bathing Water	Drinking Water	FWPM	Shellfish	
Br.In Quin (Rine 25RO1) u/s wwtp	141749; 174424	RS27R011200	No	No	No	No	Moderate
Ford U/S Ardsollus Br - 1300	141609; 174033	RS27R011300	No	No	No	No	Moderate

Parameter Name	Upstream Monitoring Point Location	Upstream Monitoring Point Annual Mean	Downstream Monitoring Point Location	Downstream Monitoring Point Annual Mean	%EQS
cBOD mg/l	Bridge in Quin	2	Ford U/S Ardsollus	2	0.00%
Ortho-Phosphate (as P) mg/l	Bridge in Quin	0.0175	Ford U/S Ardsollus	0.015	-3.33%
Ammonia (as N) mg/l	Bridge in Quin	0.0355	Ford U/S Ardsollus	0.042	4.64%

Station	Sample Date	Comments	Analyst Conclusion	Ammonia N	DO % SAT	DO mg/l	Temperature	BOD	Ortho-Phosphate P	pH	Suspended Solids
Br.In Quin (Rine 25RO1) u/s wwtp	6-May-2020	-	-	<0.02	88.3	9.56	11.9	< 2	<0.01	8.02	< 2
Br.In Quin (Rine 25RO1) u/s wwtp	8-July-2020	-	-	0.051	95.2	9.86	13.6	< 2	0.025	7.58	8.4

Station	Sample Date	Comments	Analyst Conclusion	Ammonia N	DO % SAT	DO mg/l	Temperature	BOD	Ortho-Phosphate P	pH	Suspended Solids
Ford U/S Ardsollus Br - 1300	6-May-2020	-	-	0.056	84.9	9.23	11.8	< 2	0.01	7.93	< 2
Ford U/S Ardsollus Br - 1300	8-July-2020	-	-	0.028	92.4	9.57	13.6	< 2	0.02	7.61	10