



Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

WASTE WATER DISCHARGE LICENCE
TECHNICAL AMENDMENT A

Licence Register Number:	D0062-01
Licensee:	Irish Water
Agglomeration:	Carrickmacross

Reasons for the Decision

The purpose of this Technical Amendment is to update the Conditions and Schedules of the licence, as appropriate.

The Environmental Protection Agency (the Agency) is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No.D0062-01 granted on the 08/11/2011, as well as any amendments noted herein any discharge from the activity will comply with and not contravene any of the requirements of Regulation 6(3) of the *Waste Water Discharge (Authorisation) Regulations, 2007*, as amended.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site, if the activity, individually or in combination with other plans or projects is likely to have a significant effect on a European Site(s). In this context, for the reasons set out below, the activity is not directly connected with or necessary to the management of the site as a European Site and it can be excluded on the basis of objective scientific information, that the activity, individually or in combination with other plans or projects, will have a significant effect on a European site, and accordingly the Agency determined that an Appropriate Assessment of the activity is not required, for the following reasons; the proposed amendments will not result in a material change to the nature or volume of the discharge(s) from the agglomeration.

Technical Amendment

In pursuance of the powers conferred on it by Regulation 33(1)(c) of the *Waste Water Discharge (Authorisation) Regulations, 2007*, as amended, the Agency amends Licence Reg. No. D0062-01, granted to Irish Water, Colvill House, 24/26 Talbot Street, Dublin 1, by virtue of Section 17(4) of the Water Services (No. 2) Act 2013.

Henceforth, the licence shall be read in conjunction with the amendments set out below.

This technical amendment is limited to the following Conditions and Schedules of Licence Reg. No. D0062-01.

Amendments

Conditions of Licence

Delete Condition 1.1.2:

This licence shall be technically amended, as and when considered by the Agency, to ensure compliance with such environmental quality standard as may be prescribed for surface water classification of the receiving water body.

Amend Condition 2.1.1 as follows:

(vii) For parameters other than pH, cBOD, COD, Suspended Solids, Orthophosphate, Ammonia, Total Phosphorus; eight out of ten consecutive composite results shall not exceed the emission limit value. No individual result similarly calculated shall exceed the emission limit value by more than 20%.

Amend Condition 2.1.2 as follows:

Discrete Sampling

No cBOD or COD grab sample value shall exceed the emission limit value by more than 100% and no Suspended Solids grab sample value shall exceed the emission limit value by more than 150%. For all other parameters, except pH and temperature, no grab sample value shall exceed the emission limit value by more than 20%.

Amend Condition 5.4 as follows:

The licensee shall complete the improvements as set out in *Schedule C: Specified Improvement Programme*, of this licence, by 01/01/2015 in order to ensure compliance with the emission limit values as set out in *Schedule A: Discharges*, of this licence. The licensee shall report on the progress of completing the improvement works annually as part of the AER.

Schedules of the licence

Amend Schedule A.1. Primary Waste Water Discharge as follows:

EDEN Code	Licence Code	Discharge Location		Monitoring Location		Receiving water name	WFD Receiving water
TPEFF2400D0062SW000	SW000	E 284624	N 302833	E 284617	N 302824	River Proules	IE_NB_06_910

Parameter	Emission Limit Value
pH	6 - 9
	mg/l
cBOD	10
COD	125
Suspended Solids	10
Total Phosphorus (as P)	2.0
Orthophosphate (as P)	1.0

EDEN Code	Licence Code	Discharge Location		Monitoring Location		Receiving water name	WFD Receiving water
TPEFF2400D0062SW001	SW001 <small>Note 1</small>	E 287082	N 302459	E 284617	N 302824	River Proules	IE_NB_06_138

Parameter	Emission Limit Value <small>Note 2</small>
pH	6 - 9
	mg/l
cBOD	10
COD	125
Suspended Solids	10
Total Phosphorus (as P)	1.0
Orthophosphate (as P)	0.4
Ammonia	0.75

Note 1: SW-1 (Proposed) shall become the primary discharge point on or before the 1st January 2015.

Note 2: Emission limit value applicable from 1st January 2015

Amend Schedule A.3 Discharges to be discontinued:

EDEN Code	Discharge Point Code	Location	Name of Receiving Waters	Discharge shall cease from
TPEFF2400D0062SW000	SW000	Primary discharge	River Proules	31 December 2014
TPEFF2400D0062SW003	SW003	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW004	SW004	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW005	SW005	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW006	SW006	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW007	SW007	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW008	SW008	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW009	SW009	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW010	SW010	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW011	SW011	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011
TPEFF2400D0062SW012	SW012	Storm Water Overflows	River Proules and Lisanisk Lake	31 December 2011

Amend Schedule A.4. Storm Water Overflows as follows:

A.4. Storm Water Overflows ^{Note 1}				
EDEN Code	Licence Code	Discharge Location		Receiving water name
TPEFF2400D0062SW002	SW002	E 284588	N 302860	River Proules

Note 1: This discharge shall comply with the definition of a storm water overflow as set out in the DoECLG guidance document *Procedures and Criteria in relation to Storm Water Overflows*, 1995 and any other guidance as may be specified by the Agency.

Amend Schedule B.1. Monitoring of Primary Waste Water Discharge as follows:

EDEN Code	Licence Code	Discharge Location			Monitoring Location		
TPEFF2400D0062SW000	SW000	E 284624	N 302833	E 284617	N 302824		
TPEFF2400D0062SW001	SW001	E 287082	N 302459	E 284617	N 302824		

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	Continuous ^{Note 1}	On-line flow meter with recorder
pH ^{Note 2}	Daily	pH electrode/meter and recorder
Carbonaceous Biochemical Oxygen Demand	Monthly ^{Note 2}	Standard Method
Chemical Oxygen Demand	Monthly ^{Note 2}	Standard Method
Suspended Solids	Monthly ^{Note 2}	Standard Method
Total Nitrogen (as N)	Monthly ^{Note 2}	Standard Method
Ammonia (as N)	Monthly ^{Note 2}	Standard Method
Total Phosphorus (as P)	Monthly ^{Note 2}	Standard Method
Orthophosphate (as P)	Monthly ^{Note 2}	Standard Method
Priority Substances ^{Note 3}	As required	Standard Method
Visual Inspection	Daily	Sample and examine for colour and odour, oils, fats and greases

Note 1: Total effluent volume discharged over the 24-hour period in which the composite sample is collected shall be recorded.

Note 2: The licensee shall provide a composite sampler within 3 months of date of grant of this licence. All samples thereafter shall be collected on a 24-hour flow proportional or time based composite sampling basis.

Note 3: The relevant priority substances or pollutants for monitoring shall be identified by the licensee by undertaking a risk based assessment in accordance with "Guidance on the Screening for Priority Substances for Waste Water Discharge Licences" issued by the Agency. Monitoring for the identified priority substances or pollutants shall be carried out at least annually, unless a case for less frequent monitoring is agreed by the Agency.

This technical amendment shall be cited as Amendment A to Waste Water Discharge Licence Register No.D0062-01 dated 08/11/2011 and is to be read in conjunction with that licence.

Sealed by the seal of the Agency on this the ____ day of month, 2014

PRESENT when the seal of the Agency was affixed hereto:

Mary Turner, Authorised Person