

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

TECHNICAL AMENDMENT C  
TO  
INDUSTRIAL EMISSIONS LICENCE

<b>Licence Register Number:</b>	W0058-01
<b>Licensee:</b>	Starrus Eco Holdings Limited
<b>Location of Facility:</b>	Deepwater Quay Sligo

## *Reasons for the Decision*

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence register number W0058-01 granted on 5/7/2001 and amended on 6/4/2005, 16/1/2013 and 27/11/2015, as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Act 1992 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 proposed activity, individually or in combination with other plans or projects is likely to have a significant effect on a European Site. In this context, particular attention was paid to the European sites at Cummeen Strand/Drumcliff Bay (Sligo Bay) SAC [site code 000627], Lough Gill SAC [site code 001976] and Cummeen Strand SPA [site code 004035] and the Agency considered, for the reasons set out below, that the proposed activity is not directly connected with or necessary to the management of those sites as European Sites and that it can be excluded on the basis of objective scientific information, that the proposed 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 proposed activity is not required.

The reasons for this determination are as follows:

- The proposal will remove an existing discharge to surface water, thus reducing the pollution load to European sites:
- The Lough Gill SAC is upstream and pollutants cannot reach it.

## *Technical Amendment*

In pursuance of the powers conferred on it by Section 96(1)(b) of the Environmental Protection Agency Act 1992 as amended, the Agency amends licence register number W0058-01 granted to Waste Disposal (Sligo) Limited, Deepwater Quay, Sligo on 5/7/2001, transferred to Greenstar Limited, Deepwater Quay, Sligo on 13/6/2006 and transferred to Starrus Eco Holdings Limited, Unit 6 Ballyogan Business Park, Ballyogan Road, Sandyford, Dublin 18, CRO Number 527552 on 4/3/2014 for an installation located at Deepwater Quay, Sligo.

Henceforth, the licence shall be read in conjunction with:

- Amendment A issued on 6/4/2005,
- Amendment B issued on 16/1/2013,
- the section 76A(11) amendment issued on 27/11/2015, and
- the amendments set out below.

This technical amendment is limited to the following:

- Conditions 3, 7, 9 and 11; and
- Schedule F.

# Amendments

## Conditions of Licence

- 3.15 In the event of an incident that relates to discharge to sewer having taken place, the licence shall notify by telephone and email Sligo County Council and Irish Water ([wastewatercomplianceconnaughtulster@water.ie](mailto:wastewatercomplianceconnaughtulster@water.ie), 1890 278 278).

For the purposes of this condition, an incident shall be considered to be any discharge which is in breach of emission limits to sewer and/or would constitute a danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of the sewer or would interfere with the operations of the downstream wastewater treatment works and supporting infrastructure.

**Delete condition 3.15 of the existing licence and replace with the above condition.**

- 7.7 No specified emission to sewer shall exceed the emission limit value or emission load set out in *Schedule F.2 Emissions to Sewer* of this licence.

**Delete condition 7.7 of the existing licence and replace with the above condition.**

- 7.9 The flow rate of effluent to sewer shall be measured and recorded continuously.
- 7.10 The licensee shall at no time discharge or permit to be discharged into the sewerage system any matter or thing that is capable of presenting any risk to Agency or Irish Water staff or their agents fulfilling any of their duties or of causing nuisance odours to arise from the sewer network.
- 7.11 No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.
- 7.12 The licensee shall ensure that the effluent shall not contain petroleum hydrocarbons or organic solvents (including chlorinated organic solvents) which could give rise to flammable or explosive vapours in the sewer.
- 7.13 Only trade effluent which is generated within the installation boundary as a result of licensed activities shall be discharged to the public sewer.
- 7.14 The licensee shall provide to Irish Water plans and details in formats outlined below within six months of the date of this technical amendment. These shall include:
- location of pipes and sewers, manholes, storage tanks and effluent treatment systems;
  - diameter, material, upstream invert level, downstream invert level, condition for all sewers on site;
  - cover level, invert level, chamber dimensions for each manhole on site;
  - details of effluent treatment systems, including dimensions;
  - the condition of all sewers and manholes;
  - plans and details of the discharge point to the Irish Water sewer;

- location and invert level of the discharge point or chamber;
- details of the discharge chamber including internal dimensions, type of construction, incoming and outgoing pipe diameter, incoming and outgoing pipe material, internal features or devices such as flow control and backdrops; and
- the plan drawings and relevant information in ESRI SHP file or AutoCAD DWG format with attributed geo-coordinated to Irish national grid or Irish transverse Mercator.

All levels shall be to Malin Head OD. The adopted coordinate system shall be clearly identified.

- 7.15 The licensee shall provide a proposal to Irish Water within one month of the date of this technical amendment as to how it intends to accurately record the volume of effluent discharged to sewer. The proposal shall be to the satisfaction of Irish Water.
- 7.16 The licensee shall notify the Agency, Irish Water and the Water Services Section of Sligo County Council in advance of any changes which may result in a change in the nature, characteristics or volume of the treated wastewater.
- 7.17 A summary report of results of analysis of effluent discharged to the sewer with relevant volumes shall be forwarded quarterly to Sligo County Council and Irish Water ([ter@water.ie](mailto:ter@water.ie)).
- 7.18 Non-trade effluent (e.g. firewater, accidental spillages) which occurs on site shall not be discharged to the sewer without the prior authorisation of Irish Water.
- 7.19 The licensee shall maintain or have arrangements made on its behalf to maintain the on-site effluent treatment systems.
- 7.20 Best available technology shall be used to prevent, minimise, manage and treat pollutants in the wastewater discharge to sewer.
- 7.21 Only stormwater arising in areas of the installation not used for the storage of waste shall be discharged at emission point SE-2.
- 7.22 The licensee shall, no later than 31/10/2016, or a later date as may be agreed by the Agency, submit a report to the Agency on the outcome of discussions with Irish Water regarding the continuation of a discharge of contaminated stormwater to sewer.

***Insert the above conditions 7.9 to 7.22 after condition 7.8 of the existing licence.***

- 9.12 The licensee shall permit authorised persons of the Agency and Irish Water to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the process effluent and to take samples of the process effluent.

***Delete condition 9.12 of the existing licence and replace with the above condition.***

- 11.3 Irish Water charges
- 11.3(a) A fee shall be payable to Irish Water by the licensee for any required compliance monitoring to cover the cost of sample collection by Irish Water representatives and chemical analysis. Payment to be made on

demand.

11.3(b) The licensee shall pay to Irish Water a charge in respect of the reception and treatment of the trade effluent discharged to the foul sewer. The charge shall be calculated as prescribed by Irish Water and billed by Sligo County Council until further notice. Payment to be made on demand.

*Delete condition 11.3 of the existing licence and replace with the above condition.*

## Schedules to Licence

### Schedule E: Monitoring

#### E.7 Monitoring of Emissions to Sewer

Emission point reference number: SE-1

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow to sewer	Continuous	On-line continuous flow meter with recorder
Temperature	Quarterly	Grab
pH	Quarterly	Grab
BOD	Quarterly	Standard methods
COD	Quarterly	Standard methods
Suspended solids	Quarterly	Standard methods
Ammonia (as N)	Quarterly	Standard methods
Oils, fats and greases	Quarterly	Standard methods
Mineral oils	Quarterly	Standard methods
Chloride	Quarterly	Standard methods
Detergents (MBAS)	Quarterly	Standard methods
Other parameters listed in tables 10 and 11 of European Communities Environmental Objectives (Surface Waters) Regulations 2009 as amended	Annually	Standard methods

**Note:** All samples excluding those for pH and temperature shall be collected on a 24-hour flow proportional composite sampling basis.

*Delete Schedule E.7 Monitoring of Emissions to Sewer of the existing licence and replace with the above Schedule E.7 Monitoring of Emissions to Sewer.*

Schedule F: Emission Limit Values

F.2 Emissions to sewer

Emission point reference number: SE-1  
 Location of emission point: On Deep Water Berths Road close to the installation entrance  
 Volume to be emitted: Maximum in any one day: 150.5 m<sup>3</sup>  
 Maximum rate per hour: 6.5 m<sup>3</sup>

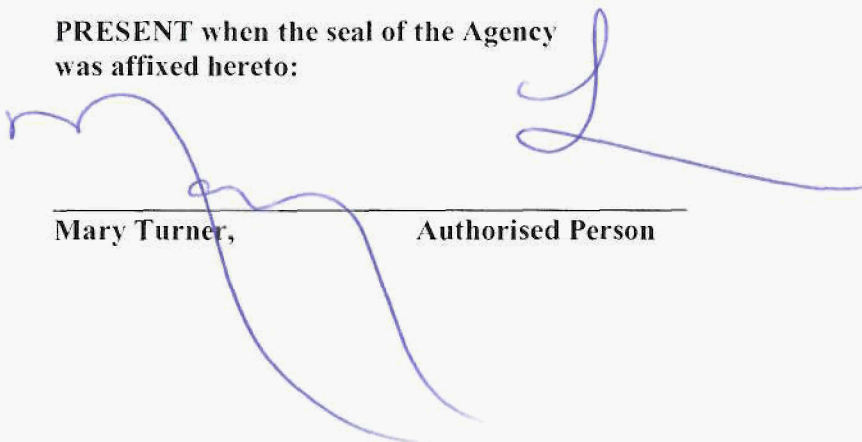
Parameter	Emission Limit Value	
	Temperature	42°C (max)
pH	6 - 9	
	mg/l	kg/day
BOD	3,000	17
COD	6,000	38
Suspended solids	1,250	16
Ammonia (as N)	100	0.35
Sulphate	1,000	3.5
Surfactants	100	0.35
Oils, fats and greases	100	0.35
Mineral oils	10	0.035

*Delete Schedule F.2 Emissions to Sewer of the existing licence and replace with the above Schedule F.2 Emissions to Sewer.*

This technical amendment shall be cited as Amendment C to the licence.

Sealed by the seal of the Agency on this the 21st day of June 2016.

PRESENT when the seal of the Agency was affixed hereto:



Mary Turner, Authorised Person

