

Ewa Babiarczyk,  
EPA Headquarters,  
PO Box 3000,  
Johnstown Castle Estate,  
Co. Wexford



**Uisce Éireann**  
Teach Colvill  
24-26 Sráid Thalbóid  
Baile Átha Cliath 1  
Éire

**Irish Water**  
Colvill House  
24-26 Talbot Street  
Dublin 1  
Ireland

T: +353 1 89 25000  
F: +353 1 89 25001  
[www.water.ie](http://www.water.ie)

18<sup>th</sup> June 2014

**Reg No: W0082-03**

Dear Ms Babiarczyk,

I refer to your letter dated 14<sup>th</sup> May 2014 regarding an application from Starrus Eco Holdings Limited, T/a Greenstar, Ballykeefe, Dock Road, Limerick. Please note that this letter should be read in conjunction with the attached Irish Water response in accordance with Section 99E of the Environment Protection Agency Act 1992, as amended.

An Order under Section 22 of the Local Government (Water Pollution) (Amendment) Act, 1990 is not required for the proposed sewer.

Irish Water has no objection to grant of consent to Starrus Eco Holdings Limited, T/a Greenstar to the discharge of process effluent subject to the following conditions:-

1. Prior to commencement of development the applicant shall provide a map and details of the facility showing the location of the sampling point, flow meter, screen and oil interceptor.
2. Prior to commencement of the licence discharge the applicant shall submit for the written agreement of Irish Water details of the methodology to shut off the discharge to the sewer in the event of an emergency or if breaches of the licence conditions are detected.
- 3.. The discharge to sewer shall not exceed 60m<sup>3</sup>/day.
4. The applicant shall provide a 24 hour proportional flow sampler at the discharge sampling point.
5. The applicant shall provide continuous online pH and conductivity monitoring of the discharge.
6. Maintenance records of all sampling and monitoring equipment to be made available to Irish Water as requested.

7. The applicant shall provide a screen and an oil interceptor prior to the discharge sampling point. Maintenance records of same to be made available to Irish Water as requested.
8. No foul water shall be discharged to surface water.
9. The licensee shall report immediately to the Irish Water and the operator of the Bunlicky Wastewater Treatment Plant in the event of any incident or breach of the licence emission limit values.
10. No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system, or would be damaging to the fabric of the sewer, or would interfere with the biological functioning of the downstream Bunlicky Wastewater Treatment Plant.
11. No substance shall be present in emissions to sewer in such concentrations as would be likely to have adverse effects on the aquatic environment.
12. No constituent of the effluent shall be discharged in such a quantity as would exceed those concentration limits imposed for the specific substance in national or international legislation.
13. This consent is based on the nature of the activities outlined by the applicant. If the nature of the activities and/or the nature of materials accepted at the site changes in the future Irish Water reserve the right to request a review of the emission limit values in the attached consent.
14. The licensee shall pay to Irish Water such sum as may be determined from time to time, having regard to the variations in the cost of providing drainage and the variation in effluent reception and treatment costs. Payment to be made on demand.
15. The final effluent shall meet the following discharge limits:-

Parameters	Proposed Limit	Sampling Frequency
Volume	60m <sup>3</sup> /day	Daily
pH	6 - 9	Monthly
BOD	2000mg/l	Monthly
COD	4000mg/l	Monthly
Suspended Solids	2000mg/l	Monthly
Sulphate	500mg/l	Quarterly
Total Nitrogen	100mg/l	Quarterly
Ammoniacal Nitrogen	50mg/l	Quarterly
Total Phosphorus	20mg/l	Quarterly

Parameters	Proposed Limit	Sampling Frequency
Orthophosphate	10mg/l	Quarterly
Oils, Fats and Grease	100mg/l	Quarterly
<i>Total Hydrocarbons</i>		
Petrol Range Organics		Bi-annual
Diesel Range Organics		Bi-annual
Mineral Oils		Bi-annual
<i>Heavy Metals</i>		
Chromium		Bi-annual
Cadmium		Bi-annual
Arsenic		Bi-annual
Mercury		Bi-annual
Lead		Bi-annual
Nickel		Bi-annual
Zinc		Bi-annual
Selenium		Bi-annual
Copper		Bi-annual

If you have any further query please do not hesitate to contact us.

Yours sincerely

Jerry Grant  
Head of Asset Management

For inspection purposes only.  
Consent of copyright owner required for any other use.



Ms. Gillian Vaughan  
Environmental Policy & Licensing Support Specialist  
Irish Water  
Colvill House  
24/26 Talbot Street  
Dublin 1

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
Cearncheathru, Bosca Poist 3000  
Eastát Chaisleán Bhaile Sheain  
Contae Loch Garman, Éire  
T +353 53 9160600  
F +353 53 9160699  
E info@epa.ie  
W www.epa.ie

14 May 2014

LoCall: 1890 33 55 99  
Reg. No: W0082-03

Dear Ms. Vaughan,

I am to advise you that the Agency has received an application from Starrus Eco Holdings Limited, T/a Greenstar, Ballykeefe, Dock Road, Limerick for an Industrial Emissions licence review.

The applicant proposes as part of his application to provide for the discharge of process effluent to your sewer. Process effluent includes trade effluent and other matter (other than domestic sewage or storm water). Details of the proposed emissions to the sewer are contained in Attachment E.3 of the application form which can be viewed by searching for a licence application at <http://www.epa.ie/terminalfour/ippc/index.jsp>

I would appreciate it if you could confirm whether or not an Order under Section 22 of the Local Government (Water Pollution) (Amendment) Act, 1990, was made and confirmed by Irish Water, and if so, could you please furnish the Agency with a copy of same.

This being the case and in accordance with Section 99E of the Environmental Protection Agency Act 1992, as amended, I am to request your consent to the proposed discharge. I should also add that in accordance with the requirements of the EPA Act, your consent may be subject to such conditions as Irish Water considers appropriate. Your attention is drawn to paragraph (4) of the attached copy of the relevant section of the EPA Act 1992, as amended. For your convenience please find attached a reply form including a list of draft conditions compiled by the Agency.

In accordance with paragraph (2) of this section of the Act, you are requested to forward your response within 5 weeks of the date of this letter. Please note that any decision given after the expiry period shall be invalid and in those circumstances the Agency may proceed to grant the licence concerned as if consent was obtained. Ewa Babiarczyk is dealing with this matter and can be contacted at the Environmental Licensing Programme of the Agency, Tel. No. 0539160662 if you have any queries.

Again, your co-operation in this matter is appreciated.

Yours sincerely



Ewa Babiarczyk  
Environmental Licensing Programme  
Office of Climate, Licensing & Resource Use

Received  
15<sup>th</sup> May 2014  
CV

## IRISH WATER RESPONSE

Irish Water  
Colvill House  
24/26 Talbot Street  
Dublin 1

Name of Facility: *Starrus Eco Holdings Limited trading as Greenstar* Reg. No: *W0082-03*

Location Address: *Ballykeefe, Dock Road, Limerick*

Consent: Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below.	YES
Consent granted without conditions.	
Consent refused <sup>Note 1</sup> .	

Note 1 Where it is proposed to refuse permission the reasons for the refusal should be clearly outlined in the response.

GENERAL CONSENT CONDITIONS	Condition to be Included (Yes/No)
1. 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.	YES
2. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing that is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.	YES

For information purposes only. Consent of copyright holder is required for reproduction.

**ADDITIONAL GENERAL CONSENT CONDITIONS**  
In respect of discharges or emissions to sewers, in accordance with Section 99E  
of the Environmental Protection Agency Act 1992, as amended.  
*(Specify, if required)*

PLEASE REFER TO ATTACHED LETTER (DATED 18<sup>th</sup> JUNE 2014) FOR  
FURTHER DETAILS .

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Limit Values for Process Effluent to Sewer**

*Schedule B: Emission Limits*

Emission point reference no: \_\_\_\_\_ **PLEASE REFER TO ATTACHED LETTER (DATED 18<sup>th</sup> JUNE 2014) FOR FURTHER DETAILS**

Emission to (sewer description): \_\_\_\_\_

Volume to be emitted : Maximum in any one day : \_\_\_\_\_ m<sup>3</sup>  
 Maximum rate per hour : \_\_\_\_\_ m<sup>3</sup>

Parameter <i>(delete parameters which are not applicable)</i>	Emission Limit Value	
	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
BOD		
COD		
Suspended Solids		
pH		
Temperature		
<b>ADDITIONAL PARAMETERS</b> <i>(if required)</i>		

For inspection purposes only.  
 Consent of copyright owner required for any other use.

**Frequency of Monitoring Process Effluent to Sewer**

**Schedule C**

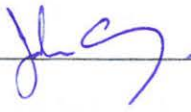
PLEASE REFER TO ATTACHED LETTER (DATED 18<sup>th</sup> JUNE 2014)

Emission point reference no: FOR FURTHER DETAILS

<b>Parameter (delete parameters which are not applicable)</b>	<b>Monitoring Frequency (e.g. monthly, quarterly, annually)</b>	<b>Sample Type (grab, composite)</b>
Flow to sewer		
Temperature		
pH		
BOD		
COD		
Suspended Solids		
<b>ADDITIONAL PARAMETERS (if required)</b>		

For inspection purposes only.  
Consent of copyright owner required for any other use.

Signed on behalf of IRISH WATER



Date 18<sup>th</sup> June 2014.



## Section 99E of the Environmental Protection Agency Act 1992, as amended

99E.-(1) Where the Agency proposes to grant a licence (including a revised licence) which involves a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer, it shall obtain the consent of the sanitary authority in which the sewer is vested, or by which the sewer is controlled, to such a discharge being made.

(2) Where consent is sought in accordance with subsection (1), the Agency may specify a period (which period shall not in any case be less than 4 weeks from the date on which the consent is sought) within which the consent may be granted subject to, or without, conditions or refused; any consent purporting to be granted (whether subject to or without conditions) after the expiry of that period, or any decision given purporting to refuse consent after that expiry, shall be invalid and in those circumstances the Agency may proceed to grant the licence concerned as if the requirements of subsection (1) had been satisfied.

(3) Subject to subsection (4), a consent under subsection (1) may be granted subject to or without conditions and if it is granted subject to conditions the Agency shall include in the licence or revised licence concerned conditions corresponding to them or, as the Agency may think appropriate, conditions more strict than them.

(4) The conditions that may be attached to a consent by a sanitary authority under this section are the following and no other conditions, namely conditions-

(a) relating to-

- (i) the nature, composition, temperature, volume, level, rate, and location of the discharge concerned and the period during which the discharge may, or may not, be made,
- (ii) the provision, operation, maintenance and supervision of meters, gauges, manholes, inspection chambers and other apparatus and other means for monitoring the nature, extent and effect of emissions,
- (iii) the taking and analysis of samples, the keeping of records and furnishing of information to the sanitary authority,

(b) providing for the payment by the licensee to the sanitary authority concerned of such amount or amounts as may be determined by the sanitary authority having regard to the expenditure incurred or to be incurred by it in monitoring, treating and disposing of discharges of trade effluent, sewage effluent and other matter to sewers in its functional area or a specified part of its functional area,

(c) specifying a date not later than which any conditions attached under this section shall be complied with,

(d) relating to, providing for or specifying such other matter as may be prescribed.

(5) A sanitary authority may request the Agency to review a licence or revised licence to which this section relates-

(a) at intervals of not less than 3 years from the date on which the licence or the revised licence is granted, or

(b) at any time with the consent, or on the application, of the person making, causing or permitting the discharge, or

(c) at any time if-

- (i) the sanitary authority has reasonable grounds for believing that the discharge authorised by the licence or revised licence is, or is likely to be, injurious to public health or is likely to

render the waters to which the sewer concerned discharges unfit for use for domestic, commercial, industrial, fishery (including fish-farming), agricultural or recreational uses or is, or is likely to be otherwise, a serious risk to the quality of the waters,

- (ii) there has been a material change in the nature or volume of the discharge,
- (iii) there has been a material change in relation to the waters to which the sewer concerned discharges, or
- (iv) further information has become available since the date on which the licence or revised licence was granted relating to polluting matter present in the discharge concerned or relating to the effects of such matter, and the Agency shall consider and may comply with such request and shall have regard to any submission on the matter received from the sanitary authority.

(6) In this section, a reference to a sanitary authority shall be construed as including a reference to any person acting on behalf of or jointly with a sanitary authority.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*