

Mr. Niall McGuigan  
Director of Services, Environment  
Wexford County Council  
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Wexford

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13 March 2008

Reg No: W0241-01

re: Section 52 of the Waste Management Acts, 1996 to 2007

Dear Mr. McGuigan

I am to advise you that the Agency has received an application for a Waste Licence from Greenstar Limited, for a facility located at Greenstar Limited (Enniscorthy), Clavass, Enniscorthy, Co Wexford.

The applicant proposes, as part of this application, to provide for the discharge of process effluent to a sewer, which the applicant has stated is vested in, or controlled by, your Water Services Authority. Process effluent includes trade effluent or other matter (other than domestic sewage or storm water).

Pursuant to the provisions of the Waste Management Acts, 1996 to 2007, a Section 52 Notice in relation to the above reference facility was sent to Wexford County Council dated 12/12/07. In a response dated 22/01/08 Wexford County Council stated that they had no objection to the acceptance of this process effluent to the Water Services Authority sewer. However, subsequent to the original Section 52 Notice issuing to Wexford County Council, Greenstar have recalculated their expected volume of wastewater to be generated on site. I now enclose an **updated** copy of the relevant extracts from the reviewed application form, which detail proposed discharges.

The provisions of Section 52 of the Waste Management Acts, 1996 to 2007, provides that the Agency shall obtain the consent of the sanitary authority to the proposed discharge from an activity which involves the discharge of trade effluent or other matter (other than domestic sewage or storm water), to a sewer vested in or controlled by a sanitary authority.

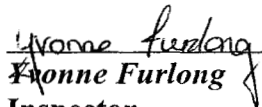


In order to expedite the Agency's consideration of this waste licence application, I am to request your authority's consent to the proposed discharge. It should be noted that, your authority's consent may be subject to such conditions as your authority considers appropriate as provided for in Section 52 of the Waste Management Acts, 1996 to 2007 and Section 99E(3) of the Environmental Protection Agency Acts, 1992 and 2007. Your attention is drawn to paragraphs (3) and (4) of the attached copy of the relevant section of the Act. 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 **three 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 determine the application concerned as if consent was obtained. Yvonne Furlong is dealing with this matter and can be contacted at the Environmental Licensing Programme, Office of Climate, Licensing & Resource Use, PO Box 3000, Johnstown Castle Estate, Wexford, Tel. 053 9160600 if you have any queries.

Your co-operation in this matter is appreciated.

Yours sincerely,

  
~~Yvonne Furlong~~

**Inspector**  
**Office of Climate, Licensing & Resource Use**

Cc. Daragh Cullinan, Senior Engineer, Water Services, Wexford County Council,  
County Hall, Spawell Road, Wexford.

**Section 99E (3) & (4) of the Environmental Protection Agency Acts, 1992 and 2003**

- (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.

**SANITARY AUTHORITY RESPONSE**  
**re: SECTION 52 OF THE WASTE MANAGEMENT ACTS, 1996 to 2005**

**Name & Address of Sanitary Authority:** Wexford County Council, County Hall, Spawell Road, Wexford, .

**Waste Reg. No.** W0241-01

**Waste Facility:** Greenstar Limited (Enniscorthy), Clavass, Enniscorthy, ,

**Waste Licence Applicant:** Greenstar Limited

**Consent:** Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below	
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. No specified emission from the installation shall exceed the emission limit value set out in <i>Schedule B: Emissions Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance.	
2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as out in <i>Schedule C</i> .	
3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accurately reflects the discharge or emission.	
4. The licensee shall permit authorised persons of the Agency and the Sanitary Authority 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.	
5. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.	
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	
7. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.	
8. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which 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.	
9. In the event of any incident which relates to discharges to sewer, having taken place, the licensee shall notify the Agency, Local Authority and Sanitary Authority as soon as practicable after the incident.	





## Frequency of Monitoring Process Effluent to Sewer

### Schedule C

Waste Licence application Register No. W0241-01

Emission Point Reference No: \_\_\_\_\_

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

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of process effluent (per s52 of the Waste Management Acts, 1996 to 2005)	
Payment Frequency	
Annual Monitoring Costs	

Signed on behalf of Wexford County Council

\_\_\_\_\_ Date \_\_\_\_\_





3. Clarify the expected volume of wastewater to be generated on site. In your response take into account the total volume of wastewater generated due to building washdowns.

The volume of wash water is estimated at 500 litres per 500 m<sup>2</sup> floor area per wash event. The only area of the floor that will actually be washed is where mixed waste is handled (approximately 1,600m<sup>2</sup>) and not the entire floor of the building. It is estimated that approximately 1,600 litres of wash water will be generated in each washdown.

It is likely that wash down will be carried out weekly and that the total volume of wastewater generated annually will be approximately 83.2 m<sup>3</sup> (1.6m<sup>3</sup> x 52 events). The wheel wash will be a closed loop system and water will not discharge to the foul sewer. The wheel wash will be emptied as required and the contents sent off site for disposal at an off site waste water treatment plant.

5.14.2 Wastewater Quality

Table 5.3 shows the likely quality of the combined wastewater discharged to sewer from the vehicle wash, floor washdown and runoff from the refuelling area.

Table 5.3 Wastewater Quality

Parameter	Concentration
Temperature	20 °C
BOD	3,500 mg/l
COD	7,000 mg/l
pH	6 – 10
Ammoniacal Nitrogen	100 mg/l
Suspended Solids	2000 mg/l
Sulphates (as SO <sub>4</sub> )	1000 mg/l
Detergents (as MBAS)	100 mg/l
Fats, Oils, Grease	100 mg/l