



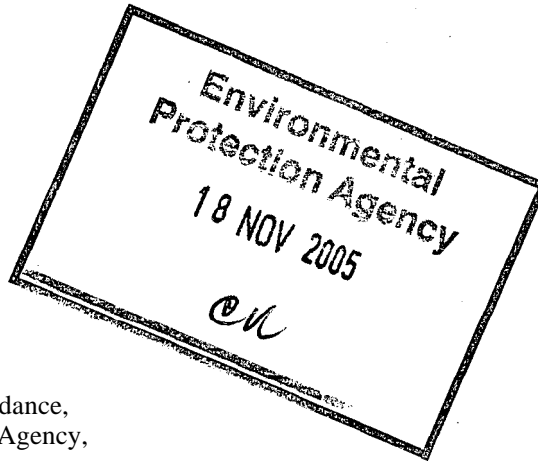
Comhairle Chontae Chill Mhantáin

Wicklow County Council

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Your Ref

Our Ref: 14th November 2005.



Ms. Eve O'Sullivan,
Programme Officer,
Office of Licensing & Guidance,
Environmental Protection Agency,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

Re: Waste Licence Application in the name of Greenstar Limited for a facility at Brav Depot, Fassaroe, Bray, Co. Wicklow – Reg No. 53-3.

Dear O'Sullivan,

I refer to your letter of 24th October and wish to indicate that this Sanitary Authority gives consent to the proposed discharge subject to the conditions detailed in the enclosed completed reply form..

The consent extends only to wastewater arising from the transfer station building, compactor area, wheel wash, and screening/sorting building. The wastewater arising from bio-waste facilities is prohibited from entering the public foul sewer.

If you require any further assistance or clarification, please do not hesitate to contact me.

Yours sincerely,

David Harrington,
Senior Executive Chemist:

C.c. Michael Geaney, Senior Engineer, W.C.C.
Sean O'Neill, Senior Engineer, B.T.C.

All correspondence should be addressed to the Senior Executive Officer, Environmental Services

Seoltar gach comhfhreagras chuig Príomhfheidmeannachna Seirbhísi Comhshaoil

SANITARY AUTHORITY RESPONSE
re: SECTION 52 OF THE WASTE MANAGEMENT ACTS, 1996 to 2003

Name & Address of Sanitary Authority: , , , ,

Waste Reg. No. 53-3

Waste Facility: Bray Depot, Fassaroe, Bray, Co. Wicklow,

Waste Licence Applicant: Greenstar Limited

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 ^{Note 1} | |

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. | YES |
| 2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as out in <i>Schedule C</i> . | YES |
| 3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accurately reflects the discharge or emission. | YES |
| 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. | YES |
| 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. | YES |
| 6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence. | YES |
| 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. | YES |
| 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. | YES |
| 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. | YES |

ADDITIONAL GENERAL CONSENT CONDITIONS

In respect of discharges or emissions to sewers, in accordance with Section 52 of the Waste Management Acts, 1996 to 2003

- 10.** Appropriately designed screen/traps/balancing facilities shall be installed and maintained as required and house-keeping procedures adopted to ensure that gross solids and debris are prevented from entering the foul sewer system.
- 11.** The trade effluent shall be discharged as uniformly as practical to the foul sewer system during the official hours of business; appropriate balancing facilities shall be installed and maintained for this purpose.
- 12.** Grease removal devices shall be installed and maintained on the waste water pipe from the canteen prior to the collection of foul sewerage.
- 13.** The company shall provide all appropriate drawings and information regarding the provision of the connection and foul sewer extension detailing layout, materials of construction levels, manholes, wayleave and contractors shall be provided to the satisfaction of the Sanitary Authority.

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Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Waste licence application Register No. 53-3

Emission Point Reference No: SE-1

Emission to (sewer description): Foul sewer AS PER DRAWING NO B9338-C002-E

Volume to be emitted: Maximum in any one day: 4 m³

Maximum rate per hour: 1 m³

| Parameter (delete parameters which are not applicable) | Emission Limit Value | |
|---|---------------------------------|-----------------------------|
| | Daily Mean Concentration (mg/l) | Daily Mean Loading (kg/day) |
| BOD | 800 | 3.2 |
| COD | 2400 | 9.6 |
| Suspended Solids | 800 | 3.2 |
| PH | 8 to 10 | |
| Temperature | 42 °C MAX | |
| ADDITIONAL PARAMETERS | | |
| (if required) | | |
| Sulphates (as SO ₄) | 1000 | 4.0 |
| Oils, Fats, Greases | 100 | 0.4 |
| Mineral Oils | 10 | 0.04 |
| Detergent | 100 | 0.4 |
| | | |
| | | |
| | | |
| | | |
| | | |

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Waste Licence application Register No. 53-3

Emission Point Reference No: SE-1

| 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 | MONTHLY QUARTERLY | ON-LINE METEX RECORDER |
| Temperature | QUARTERLY | GRAB |
| pH | MONTHLY | GRAB |
| BOD | MONTHLY | GRAB |
| COD | QUARTERLY | GRAB |
| Suspended Solids | QUARTERLY | GRAB |
| ADDITIONAL PARAMETERS | | |
| <i>(if required)</i> | | |
| SULPHATE (SO ₄) | QUARTERLY | GRAB |
| OILS, FATS, GREASE | QUARTERLY | GRAB |
| MINERAL OILS | QUARTERLY | GRAB |
| DETERGENT | QUARTERLY | GRAB |
| | | |
| | | |

| SANITARY AUTHORITY CHARGES | |
|---|----------|
| Charge per cubic metre of process effluent (per s52 of the Waste Management Acts, 1996 to 2003) | 60.73 |
| Payment Frequency | ANNUALLY |
| Annual Monitoring Costs | €300 |

Signed on behalf of

D. Hawley

Date 16.11.05