



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

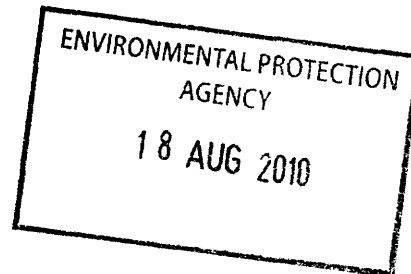


Environmental Health Service  
Community Care Services  
Co. Clinic  
Navan  
Co. Meath

Telephone: 046 9021595 / 9078811  
Fax: 046 9022818

Environmental Protection Agency,  
Headquarters PO Box 3000,  
Johnstown Castle Estate,  
Co. Wexford.

17<sup>th</sup> August 2010



**Waste Licence Application Ref: W0195-02**  
**Applicant: Padraig Thornton Waste Disposal Ltd**  
**Proposal: Review application in relation to a facility located at**  
**Kilmainhamwood Compost, Ballynalurgan, Kilmainhamwood, Kells, Co. Meath.**

I have no objections on public health grounds to the waste licence subject to the following conditions.

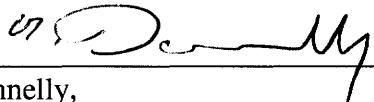
1. Complaints have been received to this department regarding ongoing odour nuisances from the plant. Programmed monitoring of air emissions shall be carried out by an impartial independent company agreed to by the EPA.
2.
  - (a) This facility shall only accept and treat non hazardous biodegradable waste for composting
  - (b) Each load of waste received shall be visually inspected by fully trained and experienced personnel. Any waste deemed unacceptable under the EPA Waste licence shall be placed in a separate banded quarantine area until removal for disposal at an appropriate licenced facility.
  - (c) Compostable waste shall be processed as soon as possible and not later than 24 hours of receipt at the facility.
  - (d) All non conforming waste and rejected compost materials and all operation wastes and sludges shall be removed from the site by a licensed contractor to a licensed landfill or recycling facility as soon as practicably possible.
3.
  - (a) Designated waste collection and delivery vehicles only shall be used for the delivery of catering and kitchen waste and sludges, to the facility.

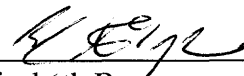
- (b) All vehicles shall be covered and leak proof.
- (c) Delivery vehicles shall be steam cleaned on site after delivery of waste consignments.
4. (a) Negative ventilation shall be maintained within the composting building.
- (b) Records of the air pressure within the building shall be submitted to the EPA.
5. An alternative power source shall be provided and kept on site for the continued operation of the ventilation system in the event of an electricity outage.
6. Adequate measures shall be taken in dry weather to minimise airborne dust on site and on the access road.
7. Dust suppression shall be undertaken on and off site throughout the construction phase to ensure that no environmental nuisance shall arise.
8. Localised exhaust extraction shall be provided over any dust emitting equipment (including shredding equipment) in the work area.
9. In the event of the facility having a significant adverse effect on the quality or quantity of the water supply to local wells the licensee shall provide an alternative supply of water to those whose wells are affected.
10. (a) The quality of the drinking water shall meet the requirements of the European Communities (Drinking Water) (No2) Regulations 2007.
- (b) The results of a check examination shall be submitted to the EPA, annually.
- (c) Safeguards shall be put in place to prevent back siphonage from any tank or appliance contaminating the well.
11. Activities on site shall not give rise to noise levels at noise sensitive locations, which exceed the following sound pressure limits.
- |     |                    |   |
|-----|--------------------|---|
| (a) | 50 dB LAeq, 1 hour | 0800 to 2000 Monday to Friday<br>0800 to 1400 Saturdays |
| (b) | 40dB LAeq, 15 min, | at all other times and Bank Holidays.                   |

There shall be no clearly audible tonal component or impulsive component

- in the noise emission from the activity at any noise sensitive location.
12. The existing wastewater treatment system shall comply with the EPA Wastewater Treatment Manual for Single Houses 2000.
  13. The grit trap and petrol interceptor shall be inspected on a weekly basis and drained as required. Silt, stones and other accumulated material shall be removed as required and disposed of.
  14. All personnel performing specifically assigned tasks shall be suitably qualified and shall be aware of the specialist information contained within the EIS application and the requirements of the waste licence.
  15. The Environmental Management System shall include the following:
    - a. Monitoring of surface water quality, levels and discharges.
    - b. Monitoring of ground water quality.
    - c. Monitoring of air emissions.
    - d. Ambient dust monitoring.
    - e. Monitoring for Bio aerosols
    - f. Noise monitoring.
    - g. Documenting and reporting of results.
    - h. Procedure for action to be taken in emergency occurrence.
    - i. Full details of site manager and contact numbers.
    - j. Any other relevant information
  16. The construction and operation of the development shall not give rise to any emission of malodours, fumes, gas, dust or other deleterious materials, industrial effluent and noise vibration or electrical interference generated onsite such as would give reasonable cause for annoyance to any person in any residence or public place in the vicinity.
  17. Appropriate measures shall be taken to ensure that vermin infestations do not arise at the facility or in the immediate environs of same. An integrated pest control management plan shall be developed and implemented on-site.
  18. The developer shall notify the EPA of location and dates at which the end product compost is to be spread, prior to spreading.
  19. The ventilation of the Administration Building shall meet the following ventilation requirements:
    - (a) Background ventilation by secure permanent opening in each room and store having a total of 6500mm<sup>2</sup> e.g. wall ventilators located so as to avoid undue draughts.

- (b) Rapid ventilation by one or more ventilation openings having a total area of at least 1/20<sup>th</sup> of the floor area of the room e.g. an opening window, with some part of the ventilation openings at least 1.75m above the floor level shall be provided to the offices, tea station, locker room and toilets.
20. The applicant shall establish and maintain a maintenance programme of all plant and equipment including the acid scrubber and biofilters based on the instructions issued by the manufacturer/supplier or installer of the equipment. Records of all checks and diagnostic testing carried out shall be maintained and made available upon request.

  
\_\_\_\_\_  
M. Donnelly,  
Principal Environmental Health Officer

  
\_\_\_\_\_  
Elizabeth Byrne,  
Senior Environmental Health Officer

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