

## Attachment J – Accident Prevention & Emergency Response

### Attachment J1 Supporting Information

Please refer to Section 2.1.3 *Health and Safety* and Appendix 2.1 of the E.I.S.

A notice board will be erected at the site entrance and will contain contact numbers for management staff outside of normal working hours. In the event of an incident or emergency occurring outside of normal working hours the relevant staff member will be contactable via telecom.

#### 1.0 Contingency Planning

In the unlikely event of an emergency the procedures outlined in the Emergency Response Plan will be followed. The plan outlines the actions to be taken in emergencies relating to health and safety, spills, unexpected emissions, equipment breakdown and fire. The Emergency Response Plan for the facility is provided below.

#### 1.1 Emergency Response Procedure

##### 1.1.1 Purpose:

To address emergency situations and minimise potential impacts on the environment

##### 1.1.2 Responsibility:

The Site Manager is responsible for ensuring this procedure is implemented.

##### 1.1.3 Procedures:

The emergency response procedures are predicated by the types of emergency that may occur at this facility and are discussed individually below.

#### 1.2 Health and Safety

In the event of any serious injury or health incidents to personnel on site the emergency number for the ambulance service is clearly posted adjacent to all telephones on site. The site manager and or assistant manager will be notified of any incidents immediately and will assume charge in order to handle the emergency as swiftly and efficiently as possible. For minor injuries the number of the local doctor who is on call will be posted beside the telephone in the site office. In addition, first aid kits are available in the site offices. Certain members of staff will be given appropriate first aid training.

### 1.3 Oil Spill/Leachate Spill

All oil and diesel storage tanks will be located in containment bunds. However, in the unlikely event of an oil spill the following procedure will be followed:

- a) The source of the spill will be closed off immediately if possible. The site manager or assistant manager will be notified immediately.
- b) The liquid will be contained as far as is practicable by employing absorbent booms and mats around drainage gullies and in the spill liquid itself.
- c) A waste oil tanker (or tankers) will be contracted immediately to pump liquid from interceptors and/or sediment traps.
- d) The following Agencies will be notified by telephone at the earliest opportunity: EPA; South Dublin County Council; Eastern Regional Fisheries Board.
- e) All oil will be removed from the surface by either pumping or use of absorbent mats. All waste oils and materials will be disposed to an appropriate facility.
- f) Specialist firms or consultants will be retained to manage larger or difficult spills.

Spill Kits including absorbent booms, mats and materials will be stored on site. All staff will be informed as to the location and use of the absorbent materials.

### 1.4 Breakdown of Equipment

In the event of breakdown of essential equipment all incoming waste materials destined for that piece of equipment will be diverted to an alternative recovery facility. Waste already received will be reloaded onto a road tanker and directed to an alternative facility. The staff fitter will be notified immediately and will effect the necessary repairs. If this is not possible then contract mechanics will be brought in at the earliest opportunity to carry out the repairs. In some cases, alternative plant can be hired from local plant hire companies.

### 1.5 Fire

The company have emphasised the need for fire prevention measures on site. Smoking is not allowed on site. Smoke detection and fire alarms are employed in all buildings. Fire extinguishers and fire hoses will be located in all buildings.

The emergency telephone number for the fire brigade will be clearly posted adjacent to all site telephones.

In the unlikely event of a fire, staff procedures are detailed in Appendix 2.1 of the EIS and include the following procedures

- a) The alarm will automatically sound or will be switched on manually by a break glass switch by the person who first notices the fire.
- b) All staff will be evacuated from the site buildings.
- c) The fire brigade will be notified immediately.
- d) The site manager or assistant manager will be informed immediately.
- e) All incoming vehicles will be directed to an alternative facility and the site entrance kept clear of traffic and machinery.
- f) The EPA, South Dublin County Council and the Eastern Regional Fisheries Board will be notified at the earliest opportunity.

It may be possible for site staff to extinguish small fires using the fire extinguishers and fire hoses. This procedure will be restricted to small fires only and the decision will be made by the site manager/assistant manager.

#### **1.6 Other Emergencies**

All other emergencies will be notified to the site manager/assistant manager and dealt with as speedily and efficiently as possible.

- Please find a letter from FBD brokers outlining Ormonde Organics Ltd. insurance programme attached



FBD House  
Bluebell, Dublin 12  
Tel. (01) 409 3201  
Fax. (01) 478 3108 and 450 7246

Corporate Insurance and Risk Management Services

LS/2758

5<sup>th</sup> June 2007

**TO WHOM IT MAY CONCERNS**

**RE: Ormonde Organics Ltd  
Ballinalacken, Attanagh, Co. Laois**

We are the appointed Brokers to Ormonde Organics Ltd and the insurance programme we have put in place includes Employers Liability, Public/Products Liability and Commercial Motor Insurance for a period of insurance from 1<sup>st</sup> June 2007 to 29<sup>th</sup> June 2008 ie. renewal date 30<sup>th</sup> June 2008.

The Liability policies which are placed with Lloyd's includes Employers Liability, limit of indemnity €13M and the Public/Products Liability limits €6.5M. The Motor Insurance covers any vehicle owned, hired, leased by the Insured. The policy has a Third Party Property Damage limit of €2.6M. An Excess Motor Third Party Property Damage layer of €3.9m in excess of €2.6million has been arranged with Lloyds, ie. overall TPPD limit of €6.5million.

The indemnity provided in respect of Employers and Public Liability is 'any one accident'. In respect of Products Liability it is an aggregate amount in the period.

Their business description is:-

*Providers of Environmental and Related Services including Drain Cleaning, sludge Dewatering, Pressure Jetting and CCTV Services, Industrial Cleaning, Hazardous Waste Cleaning, Removal and Disposal, Tank cleaning (Hazardous and Non-Hazardous Waste), Septic Tank and Grease Trap Cleaning and Waste (Hazardous and Non-Hazardous) Removal and Disposal, Collection and Transportation and Treatment of Organic Sludges suitable for reuse in agriculture, Land Spreading of Waste Materials on Agricultural Land, Land and Mine Tailings and Rehabilitation with Organic Sludges, Composting, Maintenance of Own Vehicles and Stationary Plant and Machinery used on the Business of the Insured and Property Owners.*

If any further information is required please do not hesitate to contact us.

Yours sincerely,

*Lorraine Sheridan*  
**Account Executive**

 01/4093297

**Attachment K Remediation, Decommissioning, Restoration and Aftercare**

**Attachment K1 Supporting Information**

Please refer to Section 2.2.4 *Description of Decommissioning (End of Plant Life)* of the E.I.S

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## Attachment L - Statutory Requirements

### Attachment L 1 Section 40(4) WMA

#### Compliance with Emissions

##### Dust

There are no National or EU standards for dust deposition. By law the plant will be required to be in compliance with Air Pollution Act, 1987 and should meet the EPA recommendation of 350 mg/m<sup>2</sup>/day. The dust levels are recorded (Table 2.2.2 of the EIS). Dust emissions are not expected to pose a problem at the facility as the processing operation will be carried out inside the main warehouse. Regular yard sweeping and washdown will be carried out and a truck wash-bay is planned for the facility.

##### Odours

There are no National or EU standards for odour emissions. The site manager and staff operatives will perceive odours on an ongoing basis and a complaints register will be set up in the office. In the event of receiving complaints from neighbouring premises or residents with regard to odours, details will be taken on a complaint form and appropriate remedial action will be taken to reduce odour emissions and this action will have regard to the principles of BAT.

##### Noise

There are no legal limits currently in place for noise emissions from industry. The EPA have set a day-time guideline for LA<sub>eq</sub> of 55 dB(A) and a night-time level of 45 dB(A) at sensitive locations for other similar developments. Processing all waste indoors in the proposed new recovery building will reduce noise emissions from the facility.

##### Water

The risk to groundwater posed by the activities at the site is considered insignificant and no groundwater monitoring is proposed. Processing and storing all waste inside a fully contained building with concrete floors and lower walls will serve to eliminate potential leachate generation from rainfall and there will be no direct discharges to groundwater. Foul water from the canteen, toilets and washrooms will be directed to the main foul sewer system serving the Industrial Estate. Treated effluent from the main process streams will have been treated to a very high degree in the plant (detailed in section 2.2.3.4 of the EIS) and will meet the standards set by the regulatory authorities for foul sewer discharge. The truck washbay will discharge to foul sewer via a silt trap and oil interceptor.

All surface water run-off from roofed areas, hardstands and concrete yards will be collected in gullies and directed to a silt trap and Klargestor Class 1 full retention oil interceptor prior to discharge to the main storm drain serving the industrial estate.

## Environmental Pollution

The design and operating practices that ensures that environmental pollution is avoided are listed below.

### Risk to Waters are avoided by:

- All tanks whether located at the intakes, as part of the process or post process will be contained within concrete bunded structures. The bunded areas will be constructed to 110% of the largest tank. All inlets, outlets, vent pipes and valves will be contained within the bunded area. All vehicles serving the site will be well maintained and are unlikely to suffer any significant losses in normal operation. Where small leakages do occur these will be collected by the regular surface water drainage network and removed in the silt trap/interceptor system.
- All liquid wastes will be transported to the site in enclosed vessel carrying vehicles. All soils accepted at the facility will be in covered or enclosed containers.
- Wastes to be processed will be handled inside the waste intake building. This will prevent any spillages combining with surface water and escaping to the drainage system.
- The process buildings have been constructed with concrete floor and lower concrete walls to ensure full containment in the unlikely event of a spillage or fire event. The main entrance to the facility has been designed with a graded ramp in addition to low kerb bunding around the yards thus allowing for full containment of any spillages. Please refer to Drawing Nos 04 and 15 of Volume II of the EIS "Engineering Drawings". The foul water management system will also be equipped with an automatic and manual closure device located prior to the discharge from the facility, which will be operated from the administrative building.
- All yards are constructed with low bund kerbs to contain any spillages. In the event of a fire or spillage at the facility the foul and surface water systems may be shut off by automatic and manual closure devices controlled from the site office, should this be required. This will ensure contaminated waters are retained pending collection for disposal to a suitable facility.
- All open yard drainage will be collected and passed through silt traps and a Class 1 Klargestor oil interceptor prior to discharge to the main storm drains serving the site.
- All foul water will be collected and drained into the main foul water sewer serving the industrial estate

### Risk to the Atmosphere is avoided by:

- Implementation of a regular and documented maintenance and inspection programme for all plant equipment

- On-site good house keeping and raw material handling practices will be stringently controlled through agreed protocols
- Preparation of an odour management plan to ensure odour emissions are minimized
- Regular internal and external odour patrols
- Scrubbing units (charcoal or other appropriate abatement) will be installed on all 3 balancing tanks to remove odorous or organic emissions
- A truck wash-bay will be installed adjacent to the weighbridge.
- The process will be fully contained, well ventilated and each intake tank will be sealed
- All buildings will be completely enclosed with high speed roller shutter doors to prevent fugitive releases to atmosphere
  - ♦ Air will be extracted at a rate of 4 air changes per day
  - ♦ If required, following delivery, vehicles will be washed in the wash bay to remove any residual waste material
- The proposed development will include existing measures to ensure traffic emissions are minimised. These include:
  - ♦ Adherence to site speed limits (10 km/hr)
  - ♦ Switching off idling engines or throttling down to a minimum
  - ♦ Excess or unnecessary revving of engines will not be permitted

**Risk to Land, Soil, Plants or Animals is avoided by:**

- Risk to land and soil beneath the site is avoided by the same controls that avoid risk to Waters as described above (i.e. entire site covered with a concrete slab).
- Risk to plants and animals are avoided by location of the development removed from areas of special ecological importance. The flora and fauna in the vicinity of the site are not considered sensitive to the site activities.

**Nuisance through Noise or Litter is avoided by:**

- All wastes will be handled in a contained building and all vehicles carrying these wastes will be fully enclosed tankers or covered on transport to the facility.
- Daily litter patrols will be carried out at the site.
- Machinery and plant on site will be modern and serviced on a regular basis. Any plant not in use will be switched off or throttled back to idle speed.



**Adverse effects on the country side or places of interest are avoided by:**

- While the proposed facility is located in an Industrial area, there are eight conservation sites within a 10km radius of Greenogue. However, all eight sites are outside a ca. 4.5km radius of the site (Figure 9.1 of Section 9 of the EIS). No impacts are expected to any of the designated sites as a result of the proposed development.
- The River Griffin lies outside and to the north of the site and it is considered unlikely that any significant negative impacts will occur to this water course;
- Operating the site with adequate environmental controls will ensure no impact on the surrounding environment.
- Implementation of the mitigation measures detailed in Section 9 of the EIS will further reduce the potential impacts.

**Best Available Technology (BAT)**

It is proposed that the principle of employing Best Available Technologies (BAT) be applied at the Ormonde Organics Ltd. facility in respect to emissions as follows.

Ormonde Organics will employ modern management practices and commit financial resources in order to control all nuisance emissions and ensure protection of the environment. The existing management practices include ensuring that all plant and equipment are fully serviced and operational, transporting waste within covered vehicles, regularly cleaning site surfaces and regularly patrolling for litter.

The proposed plant and equipment to be used at the site are examples of the best available technology for such facilities.

Specialist consultants have and will be retained as required to monitor potential nuisances and all relevant environmental media set out by the EPA. The consultants will inform the company on a regular basis of improvements in pollution abatement or other relevant technology. The costs of the facility and adhering to the modern management practices will be financed from Ormonde Organics annual revenues or short term bank loans.

**Attachment L 2      Fit and Proper Person (please also refer to Table C1 of Attachments)****Offences and Convictions**

The Managing Director and other relevant persons associated with the applicant company have not been convicted of an offence under the Waste Management Act, 1996.

## Compliance with relevant Acts

Ormonde Organics Ltd. or the Company Directors have never been convicted of any offences under the Waste Management Acts 1996 to 2003, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

## Technical Competence

See Table C.2 of Attachments above

The management team is composed of experienced personnel who have spent many years in this sector of the waste industry. The General Managers will be responsible for all environmental aspects of the operation and in particular compliance with the waste license. They will be assisted by an environmental technician whose duties will include compilation of environmental data and meeting the requirements of the waste license. The general managers and/or the environmental technician will complete the FAS course for waste facility management.

## Financial Provision.

The following information is in compliance with section 40(7) 9(c) of the waste Management Act of 1996:

- (i) Company accounts
- (ii) Balance Sheets and Cash flow projections

Please note that these documents are provided in a separate folder submitted to the EPA as the applicant requests that these documents be treated confidentially and not released to the general public.

A letter of good standing from Bank of Ireland is attached

Financial commitments may be required by the company to cover the following environmental issues:

- *Decommissioning* - See Section 2.2.4 *Description of Decommissioning* of the EIS
- *Aftercare Management* - After closure and cleaning of the site, there will be no environmental emissions or nuisances and for this reason aftercare management is not considered necessary at the site.
- *Environmental Pollution* - The event most likely to occur at the site which would require an environmental clean-up would be an oil spill, either from the processing area or from the waste reception tanks, storage tanks or from the stockpile of contaminated soils. The site is fully contained and both the foul sewer and storm drainage system can be closed off by valves prior to discharge from the site. The company plan to make provision for any environmental pollution

incidents by way of either an environmental pollution insurance policy or a fund will be generated from gate fees/revenues and set aside to cover such eventualities.

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Environmental Protection Agency  
Johnstown Castle  
Co Wexford

19<sup>th</sup> July 2007

Re: Ormonde Organics Limited

Dear Sir/ Madam,

We understand that Ormonde Organics Ltd are applying for an EPA Waste licence. I can confirm that Ormonde Organics Ltd are long-standing clients of this Bank, who have always conducted their affairs in a most satisfactory manner.

The Directors are of the highest standard and integrity. The company is a property constituted limited company, the Directors of which would not enter into a commitment they could not see their way to fulfil.

Yours sincerely

Mick O'Donovan  
Senior Business Manager

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