



Waste Licence Review

APPENDICES I-VIII



Waste Licence Review Application by Ted O' Donoghue &
Sons Ltd. for a Waste Transfer Facility at Knockpoge, Waterfall,
Cork.

APPENDICES TABLE OF CONTENTS

APPENDIX I	WASTE LICENCE W0147-01
APPENDIX II	WASTE COLLECTION PERMIT
APPENDIX III	2007 INLOAD TONNAGES
APPENDIX IV	NEWSPAPER ADVERT
APPENDIX V	FACILITY EMS
APPENDIX VI	EFFLUENT TREATMENT SYSTEM DETAILS
APPENDIX VII	EWC CODES REQUIRED
APPENDIX VIII	LETTER TO LOCAL AUTHORITY

APPENDIX I
EXISTING WASTE LICENCE
W0147-01



Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

WASTE LICENCE

Waste Licence Register Number:	214-1
Licensee:	Ted O' Donoghue & Sons Limited
Location of Facility:	Knockpogue, Waterfall, County Cork

INTRODUCTION

This introduction is not part of the licence and does not purport to be a legal interpretation of the licence.

Ted O'Donoghue & Sons Limited is situated approximately 6.5km from Cork City. The facility is a non-hazardous materials recovery facility consisting of a waste transfer building, small workshop, wheelwash and concreted yard. The facility accepts 23,000 tonnes per annum (tpa) of waste comprising 12,880tpa household waste, 1,840tpa commercial waste, 7,514tpa construction & demolition waste and 766tpa industrial waste. All waste handling and storage will take place indoors apart from wood shredding and the subsequent wood chippings stored outside will be covered. Hours of operation are Monday to Friday 0600 to 2000 and Saturday 0600 to 1700.

The licence sets out in detail the conditions under which Ted O'Donoghue & Sons Limited will operate and manage this facility.

Table of Contents

	Page No.
Glossary of Terms	1
Decision & Reasons for the Decisions	5
Part I Schedule of Activities Licensed	6
Part II Schedule of Activities Refused	6
Part III Conditions	7
Condition 1. Scope	7
Condition 2. Management of the Facility	8
Condition 3. Infrastructure and Operation	9
Condition 4. Interpretation	13
Condition 5. Emissions	14
Condition 6. Control and Monitoring	15
Condition 7. Resource Use and Energy Efficiency	17
Condition 8. Materials Handling	18
Condition 9. Accident Prevention and Emergency Response	19
Condition 10. Decommissioning, Closure, Restoration and Aftercare	20
Condition 11. Notifications, Records and Reports	20
Condition 12. Financial Charges and Provisions	22
SCHEDULE A: Limitations	24
SCHEDULE B: Emission Limits	25
SCHEDULE C: Control &Monitoring	26
SCHEDULE D: Annual Environmental Report	30

Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Waste Management Acts 1996 to 2003, (the Acts), unless otherwise defined in this section.

Aerosol	A suspension of solid or liquid particles in a gaseous medium.
Adequate lighting	20 lux measured at ground level.
AER	Annual Environmental Report.
Agreement	Agreement in writing.
Annually	At approximately twelve monthly intervals.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of this licence application.
Application	The application by the licensee for this licence.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
BAT	Best Available Techniques.
Bi-annually	All or part of a period of six consecutive months.
Biodegradable waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard.
Biennially	Once every two years.
BOD	5 day Biochemical Oxygen Demand.
CEN	Comité Européen De Normalisation – European Committee for Standardisation
COD	Chemical Oxygen Demand.
Construction and Demolition Waste	Wastes that arise from construction, renovation and demolition activities: Chapter 17 of the EWC or as otherwise may be agreed.
Containment boom	A boom which can contain spillages and prevent them from entering drains or watercourses or from further contaminating watercourses.
Daily	During all days of plant operation, and in the case of emissions, when emissions are taking place; with at least one measurement on any one day.
Day	Any 24 hour period.
Daytime	0800 hrs to 2200 hrs.
dB(A)	Decibels (A weighted).
DO	Dissolved Oxygen.

Documentation	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.
Drawing	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.
EMP	Environmental Management Programme.
Emission Limits	Those limits, including concentration limits and deposition rates established in <i>Schedule B: Emission Limits</i> , of this licence.
Emergency	Those occurrences defined in Condition 9.3.
Environmental Damage	Has the meaning given it in Directive 2004/35/EC.
EPA	Environmental Protection Agency.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 2000/532/EC and any subsequent amendment published in the Official Journal of the European Community.
Facility	Any site or premises used for the purposes of the recovery or disposal of waste.
Fortnightly	A minimum of 24 times per year, at approximately two-week intervals.
GC/MS	Gas Chromatography/Mass Spectroscopy.
Green waste	Waste wood (excluding timber), plant matter such as grass cuttings, and other vegetation.
Heavy Metals	This term is to be interpreted as set out in “Parameters of Water Quality, Interpretation and Standards” published by the Agency in 2001. ISBN 1-84095-015-3.
HFO	Heavy Fuel Oil.
Hours of Operation	The hours during which the facility is authorised to be operational.
Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste.
ICP	Inductively Coupled Plasma Spectroscopy.
Incident	The following shall constitute an incident for the purposes of this licence: <ul style="list-style-type: none">a) an emergency;b) any emission which does not comply with the requirements of this licence;c) any exceedence of the daily duty capacity of the waste handling equipment;d) any trigger level specified in this licence which is attained or exceeded; and,e) any indication that environmental pollution has, or may have, taken place.
Industrial Waste	As defined in Section 5(1) of the Waste Management Acts 1996 to 2003.

Inert waste	Waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater.
Installation	A stationary technical unit or plant where the activity concerned referred to in the First Schedule of EPA Acts 1992 and 2003 is or will be carried on, and shall be deemed to include any directly associated activity, which has a technical connection with the activity and is carried out on the site of the activity.
IPPC	Integrated Pollution Prevention & Control.
K	Kelvin.
kPa	Kilo Pascals.
Landfill Directive	Council Directive 1999/31/EC.
Leq	Equivalent continuous sound level.
Licence	A Waste Licence issued in accordance with the Acts.
Licensee	Ted O Donoghue & Sons Ltd.
Liquid Waste	Any waste in liquid form and containing less than 2% dry matter.
List I	As listed in the EC Directives 76/464/EEC and 80/68/EEC and amendments.
List II	As listed in the EC Directives 76/464/EEC and 80/68/EEC and amendments.
Local Authority	Cork County Council.
Maintain	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to adequately perform its function.
Mass Flow Limit	An Emission Limit Value, which is expressed as the maximum mass of a substance, which can be emitted per unit time.
Mass Flow Threshold	A mass flow rate, above which, a concentration limit applies.
Monthly	A minimum of 12 times per year, at approximately monthly intervals.
Municipal waste	As defined in Section 5(1) of the Act.
Night-time	2200 hrs to 0800 hrs.
Noise Sensitive Location (NSL)	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
Oil Separator	Device installed according to the International Standard I.S.EN 858-2:2003 (Separator systems for light liquids, (e.g. oil and petrol)-Part 2: Selection of nominal size, installation, operation and maintenance.

PER	Pollution Emission Register.
Quarterly	All or part of a period of three consecutive months beginning on the first day of January, April, July or October.
Recyclable Materials	Those waste types, such as cardboard, batteries, gas cylinders, etc, which may be recycled.
Regional Fisheries Board	Southern Regional Fisheries Board.
Sanitary Authority	Cork County Council.
Sanitary Effluent	Waste water from facility toilet, washroom and canteen facilities
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
SOP	Standard Operating Procedure.
Specified Emissions	Those emissions listed in <i>Schedule B: Emission Limits</i> of this licence.
Standard Method	A National, European or internationally recognised procedure (eg, I.S. EN, ISO, CEN, BS or equivalent), as an in-house documented procedure based on the above references, a procedure as detailed in the current edition of “Standard Methods for the Examination of Water and Wastewater”, (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or, an alternative method as may be agreed by the Agency.
Storm Water	Rain water run-off from roof and non-process areas.
The Agency	Environmental Protection Agency.
TA Luft	Technical Instructions on Air Quality Control - TA Luft in accordance with art. 48 of the Federal Immission Control Law (BImSchG) dated 15 March 1974 (BGBl. I p.721). Federal Ministry for Environment, Bonn 1986, including the amendment for Classification of Organic Substances according to section 3.1.7 TA.Luft, published in July 1997.
TOC	Total Organic Carbon.
Trade Effluent	Trade Effluent has the meaning given in the water pollution Acts 1977 and 1990
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place, with at least one measurement in any one week.
White Goods	Refrigerators, cookers, ovens and other similar appliances.
WWTP	Waste Water Treatment Plant.

Decision & Reasons for the Decisions

Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activity will comply with and will not contravene any of the requirements of Section 40(4) of the Waste Management Acts 1996 to 2003.

Recommended Decision

In reaching this decision the Environmental Protection Agency has considered the application and supporting documentation received from the applicant, and the report of its inspector. No objection having been received to the Proposed Decision, the licence is granted in accordance with the terms of the Proposed Decision and the reasons therefore.

Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Acts 1996 to 2003, the Environmental Protection Agency (the Agency), under Section 40(1) of the said Act hereby grants this Waste Licence to Ted O'Donoghue & Sons Limited to carry on the waste activities listed below at Knockpogue, Waterfall, County Cork subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence. For the purposes of Article 48 of the Waste Management Licensing Regulations 2004 (S.I. No. 395) this facility is classed as a non-hazardous waste Materials Recovery Facility.

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Acts 1996 to 2003

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 12.	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2003

Class 2.	Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes).
Class 3.	Recycling or reclamation of metals and metal compounds.
Class 4	Recycling or reclamation of other inorganic materials.
Class 13.	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

Part II Schedule of Activities Refused

None of the proposed activities as set out in the licence application have been refused.

Part III Conditions

Condition 1. Scope

- 1.1 Waste activities at this facility shall be restricted to those listed and described in Part I Activities Licensed and shall be as set out in the licence application or as modified under Condition 1.5 of this licence and subject to the conditions of this licence.
- 1.2 Activities at this facility shall be limited as set out in *Schedule A: Limitations*, of this licence.
- 1.3 The facility shall be controlled, operated, and maintained and emissions shall take place as set out in this licence. All programmes required to be carried out under the terms of this licence, become part of this licence.
- 1.4 For the purposes of this licence, the facility authorised by this licence, is the area of land outlined in red on Drawing No. 15516_1_1 of the application and including the soil berm surrounding the site. Any reference in this licence to “facility” shall mean the area thus outlined in red and including the soil berm. The licensed activities shall be the carried on only within the area outlined.
- 1.5 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in
- (a) a material change or increase in:
 - The nature or quantity of any emission,
 - The abatement/treatment or recovery systems,
 - The range of processes to be carried out,
 - The fuels, raw materials, intermediates, products or wastes generated, or
 - (b) any changes in:
 - Site management infrastructure or control with adverse environmental significance,
- shall be carried out or commenced without prior notice to, and without the agreement of, the Agency.
- 1.6 Waste Acceptance Hours and Hours of Operation
- 1.6.1 Waste shall be accepted at the facility only between the hours of 0600 and 1800 Monday to Friday inclusive and 0800 to 1700 on Saturdays or otherwise with prior approval of the Agency.
- 1.6.2 The facility shall be operated only between the hours of 0600 to 2000 Monday to Friday inclusive and 0800 to 1800 on Saturdays.
- 1.6.3 Waste shall not be accepted at the facility on Sundays or on Bank Holidays.
- 1.7 This licence is for the purposes of waste licensing under the Waste Management Acts 1996 to 2003 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations.

Reason: To clarify the scope of this licence.

Condition 2. Management of the Facility

2.1 Facility Management

2.1.1 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a nominated, suitably qualified and experienced, deputy shall be present on the facility at all times during its operation or as otherwise required by the Agency.

2.1.2 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience, as required and shall be aware of the requirements of this licence. In addition, the facility manager and his/her deputy shall successfully complete FAS waste management training programme or equivalent agreed with the Agency.

2.2 Environmental Management System (EMS)

2.2.1 The licensee shall establish and maintain an Environmental Management System (EMS) within six months of the date of grant of this licence. The EMS shall be updated on an annual basis.

2.2.2 The EMS shall include as a minimum the following elements:

2.2.2.1 Management and Reporting Structure.

2.2.2.2 Schedule of Environmental Objectives and Targets.

The licensee shall prepare a Schedule of Environmental Objectives and Targets. The Schedule shall as a minimum provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the options available for the operation of the shredder to be indoors or enclosed, the use of cleaner technology, cleaner production, and the prevention, reduction and minimisation of waste, and shall include waste reduction targets. The Schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The Schedule shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

2.2.2.3 Environmental Management Programme (EMP)

The licensee shall, not later than six months from the date of grant of this licence, submit to the Agency for agreement an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2.2.2. Once agreed the EMP shall be established and maintained by the licensee. It shall include:

- (a) designation of responsibility for targets;
- (b) the means by which they may be achieved;
- (c) the time within which they may be achieved.

The EMP shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER) (Condition 11.10).

A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

2.2.2.4 Documentation

- (i) The licensee shall establish and maintain an environmental management documentation system, which shall be to the satisfaction of the Agency.
- (ii) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.2.2.5 Corrective Action

The licensee shall establish procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.

2.2.2.6 Awareness and Training

The licensee shall establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

2.2.2.7 Communications Programme

The licensee shall establish and maintain a Communications Programme to ensure that members of the public can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility.

2.2.2.8 Maintenance Programme

The licensee shall within six months of the date of grant of this licence establish and maintain a structured programme for maintenance, based on technical descriptions of equipment. This programme shall be supported by appropriate record keeping systems and diagnostic testing. The licensee shall clearly allocate responsibility for the planning and execution of all aspects of this programme.

Reason: To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.

Condition 3. Infrastructure and Operation

- 3.1 The licensee shall establish all infrastructure referred to in this licence prior to an increase in waste volume accepted at the facility from that of present levels, or as required by the conditions of this licence.

- 3.2 Notice Board
- 3.2.1 The licensee shall provide and maintain a Facility Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.
- 3.2.2 The board shall clearly show: -
- a) the name and telephone number of the facility;
 - b) the normal hours of opening;
 - c) the name of the licence holder;
 - d) an emergency out of hours contact telephone number;
 - e) the licence reference number; and
 - f) where environmental information relating to the facility can be obtained.
- 3.3 The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.
- 3.4 Monitoring infrastructure, which is damaged or proves to be unsuitable for its purpose shall be replaced within one months of it being damaged or recognised as being unsuitable.
- 3.5 The licensee shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.
- 3.6 Tank and Drum Storage Areas
- 3.6.1 All tank and drum storage areas shall be rendered impervious to the materials stored therein.
- 3.6.2 All tank and drum storage areas shall, as a minimum, be bunded, either locally or remotely, to a volume not less than the greater of the following:-
- (i) 110% of the capacity of the largest tank or drum within the bunded area; or
 - (ii) 25% of the total volume of substance which could be stored within the bunded area
- 3.6.3 All drainage from bunded areas shall be diverted for collection and safe disposal.
- 3.6.4 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- 3.6.5 The integrity and water tightness of all the bunding structures and their resistance to penetration by water or other materials stored therein shall be tested and demonstrated by the licensee at least once every three years. This testing shall be carried out in accordance with any guidance published by the Agency.
- 3.7 Facility Security
- 3.7.1 Security and stockproof fencing and gates shall be installed and maintained. The base of the fencing shall be set in the ground. Subject to the implementation of the restoration and aftercare plan and to the agreement of the Agency, the requirement for such site security may be removed.
- 3.7.2 Gates shall be locked shut when the facility is unsupervised.

- 3.7.3 The licensee shall remedy any defect in the gates and/or fencing as follows:-
- (i) A temporary repair shall be made by the end of the working day; and
 - (ii) A repair to the standard of the original gates and/or fencing shall be undertaken within three working days.
- 3.8 Facility Roads and Site Surfaces
- 3.8.1 Effective site roads shall be provided and maintained to ensure the safe movement of vehicles within the facility.
- 3.8.2 Surface areas of the facility, as indicated in Drawing No. 2 (1100-03), shall be concreted and constructed to British Standard 8110 within three months of the date of grant of the licence, or an alternative as agreed by the Agency.
- 3.9 Facility Office
- 3.9.1 The licensee shall provide and maintain an office at the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 3.9.2 The licensee shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.
- 3.10 Waste Inspection and Quarantine Areas
- 3.10.1 A Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained at the facility.
- 3.10.2 These areas shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the inspection of waste and subsequent quarantine if required. The waste inspection area and the waste quarantine area shall be clearly identified and segregated from each other.
- 3.10.3 Drainage from these areas shall be directed to the Waste Transfer building drainage collection sump as shown in Drawing No. 1100-01.
- 3.11 Weighbridge and Wheel Cleaner
- 3.11.1 The licensee shall provide and maintain a weighbridge and wheel wash at the facility.
- 3.11.2 The wheel wash shall be used as required by all vehicles leaving the facility to ensure that no waste is carried off-site. All water from the wheel cleaning area shall be directed to the surface water drainage network.
- 3.11.3 The wheel-wash shall be inspected on a daily basis and drained as required. Silt, stones and other accumulated material shall be removed as required from the wheel-wash and disposed of appropriately.
- 3.12 Waste handling, ventilation and processing plant
- 3.12.1 Items of plant deemed critical to the efficient and adequate processing of waste at the facility (including inter alia waste loading vehicles and ejector trailers) shall be provided on the following basis: -
- a) 100% duty capacity;
 - b) 20% standby capacity available on a routine basis; and
 - c) Provision of contingency arrangements and/or back up and spares in the case of breakdown of critical equipment.
- 3.12.2 Within three months from the date of grant of this licence, the licensee shall provide a report for the agreement of the Agency detailing the duty and standby capacity in tonnes per day, of all waste handling and processing equipment to be used at the facility. These capacities shall be

- based on the licensed waste intake, as per *Schedule A: Limitations*, of this licence.
- 3.12.3 The quantity of waste to be accepted at the facility on a daily basis shall not exceed the duty capacity of the equipment at the facility. Any exceedence of this intake shall be treated as an incident.
- 3.13 Wastewater Treatment System
- 3.13.1 The licensee shall provide, and maintain, within three months of the date of grant of the licence, a Wastewater Treatment System at the facility for the treatment of sanitary effluent arising on-site. The specification of the treatment plant shall be as in Appendix No 6 of the application. The percolation area shall satisfy the criteria set out in the Wastewater Treatment Manual, Treatment Systems for Single Houses, published by the Environmental Protection Agency, having regard to drinking water wells.
- 3.13.2 Trade effluent stored in the internal drainage collection sump shall be tankered off-site in fully enclosed road tankers to a facility agreed by the Agency.
- 3.14 Construction and Demolition Waste Recovery Area
- 3.14.1 The construction and demolition waste recovery area shall be as described in Attachment D.2.1 and updated in Section B of the Article 14 response and specified in Drawing No. 1100-03 Rev.1.
- 3.14.2 Only Construction and Demolition waste shall be accepted at this Area. Wastes, which are capable of being recovered, shall be separated and shall be stored temporarily in this area prior to being subjected to other recovery activities at the facility or transport off the facility.
- 3.15 Green Waste
- 3.15.1 Green waste and shredded timber when stored externally of the transfer building shall be placed in covered skip/s or as otherwise agreed by the Agency.
- 3.15.2 Timber and wood waste shall be shredded directly into a skip before transfer to the covered skip.
- 3.16 The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 3.17 Silt Traps and Oil Separators
- The licensee shall install and maintain silt traps and oil separator at the facility within three months of the date of grant of the licence to ensure that all storm water discharges from the facility pass through a silt trap and oil separator prior to discharge. The separator shall be a Class I full retention separator and the silt traps and separator shall be in accordance with I.S. EN 858-2:2003 (separator systems for light liquids)
- 3.18 Firewater Retention
- In the event of a fire or a spillage to storm water, the site storm water shall be diverted to the containment pond. Firewater infrastructure as described in Attachment Number 5 and Drawing Number 05-050-01-A of the application shall be in place within six months of the date of grant of the licence. The licensee shall provide for automatic diversion of storm water to the containment pond in the event of a fire. The licensee shall have regard to any guidelines issued by the Agency with regard to firewater retention.

- 3.19 All pump sumps, the waste transfer building drainage collection sump, storage tanks, or other treatment plant chambers from which spillage of environmentally significant materials might occur in such quantities as are likely to breach local or remote containment or separator, shall be fitted with high liquid level alarms (or oil detectors as appropriate) within six months from the date of grant of this licence.
- 3.20 All wellheads, whose locations are shown on Map F.1.1, Annex 1 of the licence application shall be adequately protected to prevent contamination or physical damage within six months from the date of grant of this licence (if required).
- 3.21 The 3m-soil berm as shown in Drawing Number 05-050-02 Rev. A (or equivalent approved), shall be maintained at the facility. Landscaping of this berm and other boundary areas of the site shall be as described in Attachment F Section F.1.11 of the application unless otherwise agreed by the Agency.
- 3.22 No waste shall be burnt within the boundaries of the facility.

REASON: To provide for appropriate operation of the facility to ensure protection of the environment.

Condition 4. Interpretation

- 4.1 Emission limit values for emissions to atmosphere in this licence shall be interpreted in the following way:
- 4.1.1 Continuous Monitoring:
- (i) No 24-hour mean value shall exceed the emission limit value.
 - (ii) 97% of all 30 minute mean values taken continuously over an annual period shall not exceed 1.2 times the emission limit value.
 - (iii) No 30-minute mean value shall exceed twice the emission limit value.
- 4.1.2 For Non-Continuous Monitoring
- (i) For any parameter where, due to sampling/analytical limitations, a 30-minute sample is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value.
 - (ii) For flow, no hourly or daily mean value, calculated on the basis of appropriate spot readings, shall exceed the relevant limit value.
 - (iii) For all other parameters, no 30-minute mean value shall exceed the emission limit value.
- 4.2 Emission limit values for emissions to waters in this licence shall be interpreted in the following way: -
- 4.2.1 Continuous monitoring:
- (i) No flow value shall exceed the specified limit.
 - (ii) No pH value shall deviate from the specified range.
 - (iii) No temperature value shall exceed the limit value.

4.2.2 Composite Sampling:

- (i) No pH value shall deviate from the specified range.
- (ii) For parameters other than pH and flow, eight out of ten consecutive composite results, based on flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value.

4.2.3 Discrete Sampling

For parameters other than pH and temperature, no grab sample value shall exceed 1.2 times the emission limit value.

4.3 Where the ability to measure a parameter is affected by mixing before emission, then, with agreement from the Agency, the parameter may be assessed before mixing takes place.

4.4 Noise

4.4.1 Noise from the facility shall not give rise to sound pressure levels (Leq, 30 minutes) measured at noise sensitive locations, which exceed the limit value(s).

4.5 Dust and Particulate Matter

Dust and particulate matter from the activity shall not give rise to deposition levels which exceed the limit value(s).

Reason: To clarify the interpretation of limit values fixed under the licence.

Condition 5. Emissions

5.1 No specified emission from the facility shall exceed the emission limit values set out in *Schedule B: Emission Limits* of this licence. There shall be no other emissions of environmental significance.

5.2 The licensee shall ensure that the activities shall be carried out in a manner such that emissions including odours do not result in significant impairment of, and/or significant interference with amenities or the environment beyond the facility boundary.

5.3 No substance shall be discharged in a manner, or at a concentration, which, following initial dilution, causes tainting of fish or shellfish.

5.4 The licensee shall ensure that vermin, birds, flies, mud, dust, litter and odours do not give rise to nuisance at the facility or in the immediate area of facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.

5.5 Dust and Particulate Matter

Dust from the facility shall not give rise to a deposition level, which exceeds the limit value of 350(mg/m²/day). Particulate matter concentrations shall not exceed 50 (µg/m³).

Reason: To provide for the protection of the environment by way of control and limitation of emissions

Condition 6. Control and Monitoring

- 6.1. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with *Schedule C: Control & Monitoring*, of this licence:
 - 6.1.1. Analysis shall be undertaken by competent staff in accordance with documented operating procedures.
 - 6.1.2. Such procedures shall be assessed for their suitability for the test matrix and performance characteristics determined.
 - 6.1.3. Such procedures shall be subject to a programme of Analytical Quality Control using control standards with evaluation of test responses.
 - 6.1.4. Where analysis is sub-contracted it shall be to a competent laboratory.
- 6.2. 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. Agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.
- 6.3. Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.
- 6.4. All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer.
- 6.5. The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the agreement of the Agency following evaluation of test results.
- 6.6. The licensee shall prepare a programme, to the satisfaction of the Agency, for the identification and reduction of fugitive emissions. This programme shall be included in the Environmental Management Programme.
- 6.7. The integrity and water tightness of all underground pipes and tanks and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. The licensee shall maintain a written record of all integrity tests and any maintenance or remedial work arising from them. Integrity and water tightness of the waste transfer building drainage sump shall be conducted within three months of the date of grant of this licence.
- 6.8. Process Effluent
 - 6.8.1. The drainage system, bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal.
- 6.9. Storm water
 - 6.9.1. A visual examination of the storm water discharge shall be carried out daily. A log of such inspections shall be maintained.

- 6.9.2. The drainage system, bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal.
- 6.10. Ground Water
 - 6.10.1. The licensee shall within twelve months of date of grant of this licence arrange for the carrying out, by an appropriately qualified consultant/professional, of a comprehensive hydrogeological investigation of the site. The scope, detail and programme, including report structure and reporting schedule, for this investigation must be agreed by the Agency prior to implementation. Any recommendations arising from a report or reports on this investigation must be implemented within such a period to be agreed by the Agency.
- 6.11. Noise
 - 6.11.1. The licensee shall carry out a noise survey of the site operations annually. The survey programme shall be undertaken in accordance with the methodology specified in the 'Environmental Noise Survey Guidance Document' as published by the Agency.
 - 6.11.2. The transfer building roller shutter door must be kept closed during the operation of the trommel unless otherwise agreed by the Agency.
 - 6.11.3. Operation of the shredder shall only be between the hours of 0900 and 1800 or otherwise as agreed by the Agency.
- 6.12. Litter Control
 - 6.12.1. The measures and infrastructure as described in the Application documentation shall be applied to control litter at the facility.
 - 6.12.2. All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered.
 - 6.12.3. The licensee shall not accept waste at the facility from vehicles that are not appropriately covered. All vehicles removing waste from the facility must be appropriately covered.
- 6.13. Dust/Odour Control
 - 6.13.1. All waste for disposal stored overnight at the facility, shall be stored in suitably covered and enclosed containers within the Waste Transfer Building, and shall be removed from the facility within forty-eight hours, except at Bank Holiday weekends. At Bank Holiday weekends, waste for disposal shall be removed within seventy-two hours of its arrival on site.
 - 6.13.2. In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
 - 6.13.3. Within six months of the date of grant of this licence, the licensee shall install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility. Such measures shall at a minimum include the following: -
 - 6.13.3.1. The provision of a mist-air system as described in appendix 18 of the application.
 - 6.13.3.2. Installation of an odour management system.

- 6.13.3.3. Provision of 100% duty capacity and 20% stand by capacity, back ups and spares must be provided for the air handling, ventilation and abatement plant.
- 6.14. Operational Controls
 - 6.14.1. The floor of the waste transfer building shall be cleaned on a weekly basis and on a daily basis where putrescible waste is handled. The floor of the storage bays for recovered wastes shall be cleaned on each occasion such bays are emptied, or as a minimum on a weekly basis.
 - 6.14.2. Scavenging shall not be permitted at the facility.
 - 6.14.3. There shall be no casual public access to the facility.
 - 6.14.4. The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
 - 6.14.5. Fuels shall be stored only at appropriately banded locations on the facility.
 - 6.14.6. All tanks and drums shall be labelled to clearly indicate their contents.
- 6.15. Monitoring Locations
 - 6.15.1. Within three months of the date of grant of this licence, the licensee shall submit to the Agency an appropriately scaled drawing(s) showing all the monitoring locations that are stipulated in this licence including any noise sensitive locations and surface water locations. The drawing shall include the eight-digit national grid reference of each monitoring point.
- 6.16. Nuisance Monitoring
 - 6.16.1. The licensee shall, at a minimum of one-week intervals, inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours. The licensee shall maintain a record of all nuisance inspections.

Reason: To provide for the protection of the environment by way of treatment and monitoring of emissions.

Condition 7. Resource Use and Energy Efficiency

- 7.1 The licensee shall carry out an audit of the energy efficiency of the site within one year of the date of grant of this licence. The audit shall be carried out in accordance with the guidance published by the Agency; “Guidance Note on Energy Efficiency Auditing”. The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 7.2 The audit shall identify all opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
- 7.3 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible. Reductions in water usage shall be incorporated into Schedule of Environmental Objectives and Targets.
- 7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for

this type of activity. Where improvements are identified, these shall be incorporated into the Schedule of Environmental Objectives and Targets.

Reason: To provide for the efficient use of resources and energy in all site operations.

Condition 8. Materials Handling

- 8.1 Disposal or recovery of waste shall only take place in accordance with the conditions of this licence and in accordance with the appropriate National and European legislation and protocols.
- 8.2 All waste processing shall be carried out inside the waste transfer building, apart from the shredding of timber and green waste unless otherwise agreed with the Agency.
- 8.3 Waste Acceptance and Characterisation Procedures
- 8.3.1 Waste shall only be accepted at the facility, from Local Authority waste collection or transport vehicles or holders of waste permits, unless exempted or excluded, issued under the Waste Management (Collection Permit) Regulations 2001. Copies of these waste collection permits must be maintained at the facility.
- 8.3.2 Within six months of the date of grant of this licence, the licensee shall establish and maintain detailed written procedures for the acceptance and handling of wastes.
- 8.3.3 Waste arriving at the facility shall be inspected at the point of entry to the facility and subject to this inspection, weighed, documented and directed to the Waste Transfer Building. Each load of waste arriving at the Waste Transfer Building shall be inspected upon tipping within this building. Only after such inspections shall the waste be processed for disposal or recovery.
- 8.3.4 Any waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be immediately separated and removed from the facility at the earliest possible time. Temporary storage of such wastes shall be in a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 8.3.5 Waste shall be accepted at the facility only from known customers or new customers subject to initial waste profiling and waste characterisation off-site. The written records of this off-site waste profiling and characterisation shall be retained by the licensee for all active customers and for a two year period following termination of licensee/customer agreements.
- 8.4 Waste sent off-site for recovery or disposal shall be transported only by an authorised waste contractor. The waste shall be transported only from the site of the activity to the site of recovery/disposal in a manner which will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.
- 8.5 The licensee shall ensure that waste prior to transfer to another person shall be classified packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling.

- 8.6 Waste shall be stored in designated areas, protected as may be appropriate, against spillage and leachate run-off. The waste is to be clearly labelled and appropriately segregated.
- 8.7 No waste classified as green list waste in accordance with the EU Transfrontier Shipment of Waste Regulations (Council Regulation EEC No.259/1993, as amended) shall be consigned for recovery without the agreement of the Agency.
- 8.8 Unless approved in writing by the Agency the licensee is prohibited from mixing a hazardous waste of one category with a hazardous waste of another category or with any other non-hazardous waste.

Reason: To provide for the appropriate handling of materials and the protection of the environment.

Condition 9. Accident Prevention and Emergency Response

- 9.1 The licensee shall, six months of date of grant of this licence, ensure that a documented Accident Prevention Policy is in place, which will address the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. This procedure shall be reviewed annually and updated as necessary.
- 9.2 The licensee shall, within six months of date of grant of this licence, ensure that a documented Emergency Response Procedure is in place, which shall address any emergency situation, which may originate on-site. This Procedure shall include provision for minimising the effects of any emergency on the environment. This procedure shall be reviewed annually and updated as necessary.
- 9.3 Emergencies
- 9.3.1. In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the transfer station building, any waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the transfer station building is returned to a fully operational status. Such a breakdown event will be treated as an emergency and rectified as soon as possible.
- 9.3.2. All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 9.3.3. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 9.4 In the event of an incident the licensee shall immediately:-
- (i) isolate the source of any such emission;
 - (ii) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
 - (iii) evaluate the environmental pollution, if any, caused by the incident;
 - (iv) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
 - (v) identify the date, time and place of the incident:

- (vi) provide a proposal to the Agency for its agreement within one month of the incident occurring or as otherwise agreed with the Agency to:-
- identify and put in place measures to avoid reoccurrence of the incident; and
 - identify and put in place any other appropriate remedial action.

Reason: To provide for the protection of the environment.

Condition 10. Decommissioning, Closure, Restoration and Aftercare

- 10.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery, any soil, subsoils, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution. The licensee shall carry out such tests, investigations or submit certification, as requested by the Agency, to confirm that there is no continuing risk to the environment.

Reason: To make provision for the proper closure of the activity ensuring protection of the environment.

Condition 11. Notifications, Records and Reports

- 11.1 The licensee shall notify the Agency, in writing, one month prior to the intended date of commencement of the Scheduled Activity
- 11.2 The licensee shall notify the Agency by both telephone and either facsimile or electronic mail, if available, to the Agency's Headquarters in Wexford, or to such other Agency office as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:
- 11.2.1 Any release of environmental significance to atmosphere from any potential emission point including bypasses.
 - 11.2.2 Any emission, which does not comply with the requirements of this licence.
 - 11.2.3 Any malfunction or breakdown of key control equipment or monitoring equipment set out in *Schedule C: Control & Monitoring* which is likely to lead to loss of control of the abatement system.
 - 11.2.4 Any incident, with the potential for environmental contamination of surface water or groundwater, or posing an environmental threat to air or land, or requiring an emergency response by the Local Authority.

The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and where available, the steps taken to minimise any emissions.

11.3 Waste Recovery Reports

11.3.1 The licensee shall as part of the AER submit a report on the contribution by this facility to the achievement of the recovery targets stated in national and European Union waste policies and shall include the following: -

- (a) proposals for the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill as specified in the Landfill Directive;
- (b) the separation of recyclable materials from the waste;
- (c) the recovery of Construction and Demolition Waste;
- (d) the recovery of metal waste and white goods;

11.4 A record of all inspections of incoming waste loads shall be maintained.

11.5 In the case of any incident which relates to discharges to water, the licensee shall notify the Local Authority and the Southern Regional Fisheries Board as soon as practicable after such an incident.

11.6 The licensee shall make a record of any incident. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident. The record shall include all corrective actions taken to; manage the incident, minimise wastes generated and the effect on the environment, and avoid recurrence. The licensee shall as soon as practicable following incident notification, submit to the Agency the incident record.

11.7 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date and time of the complaint, the name of the complainant and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint.

11.8 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility.

11.9 The licensee shall as a minimum keep the following documents at the site:-

- (i) the licences relating to the facility;
- (ii) the current EMS for the facility;
- (iii) the previous year's AER for the facility;
- (iv) records of all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility;
- (v) relevant correspondence with the Agency;
- (vi) an up to date site drawings/plans showing the location of key process and environmental infrastructure, including monitoring locations and emission points

and this documentation shall be available to the Agency for inspection at all reasonable times.

- 11.10 The licensee shall submit to the Agency, by the 31st March of each year, an AER covering the previous calendar year. This report, which shall be to the satisfaction of the Agency, shall include as a minimum the information specified in *Schedule D: Annual Environmental Report*, of this licence and shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 11.11 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall be maintained on a monthly basis and shall as a minimum contain details of the following:
- (i) The tonnages and EWC Code for the waste materials imported and/or sent off-site for disposal/recovery.
 - (ii) The names of the agent and carrier of the waste, and their waste collection permit details, if required (to include issuing authority and vehicle registration number).
 - (iii) Details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit/licence details and issuing authority, if required.
 - (iv) Written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site.
 - (v) Details of all wastes consigned abroad for Recovery and classified as 'Green' in accordance with the EU Transfrontier Shipment of Waste Regulations (Council Regulation EEC No. 259/1993, as amended). The rationale for the classification must form part of the record.
 - (vi) Details of any rejected consignments.
 - (vii) Details of any approved waste mixing.
 - (viii) The tonnages and EWC Code for the waste materials recovered/disposed on-site.

Reason: To provide for the collection and reporting of adequate information on the activity.

Condition 12. Financial Charges and Provisions

12.1 Agency Charges

- 12.1.1 The licensee shall pay to the Agency an annual contribution of €8,574, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Waste Management Acts 1996 to 2003. The first payment shall be a pro-rata amount for the period from the date of this licence to the 31st day of December, and shall be paid to the Agency within one month from the date of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Waste Management Acts 1996 to 2003, and all such payments shall be made within one month of the date upon which demanded by the Agency.

12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs in regard to items not covered by the said annual contribution.

12.2 Environmental Liabilities

12.2.1 The licensee shall as part of the AER provide an annual statement as to the measures taken or adopted at the site in relation to the prevention of environmental damage, and the financial provisions in place in relation to the underwriting of costs for remedial actions following anticipated events (including closure) or accidents/incidents, as may be associated with the carrying on of the activity.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

SCHEDULE A: Limitations

A.1

The following waste related processes are authorised:

- i. Shredding, crushing, baling, repackaging processes
- ii. C & D waste recovery (incl. crushing, screening, sorting, blending)
- iii. Storage of non-hazardous waste
- iv. Recovery of dry recyclables

No addition to these processes is permitted unless agreed in advance with the Agency.



A.2 Waste Acceptance

Table A.1 Waste Categories and Quantities

WASTE TYPE ^{Note 1}	MAXIMUM (TONNES PER ANNUM) ^{Note 2}
Household	12880
Commercial	1840
Construction & Demolition	7514
Industrial non-Hazardous Solids	766
TOTAL	23000

Note 1: Any proposals to accept other compatible waste streams must be agreed in advance with the Agency and the total amount of waste must be within that specified.

Note 2: The individual limitation on waste streams may be varied with the agreement of the Agency subject to the overall total limit staying the same.



SCHEDULE B: Emission Limits

B.1 Emissions to Air

There are no Emissions to Air of environmental significance.



B.2 Emissions to Water

There are no Emissions to Water of environmental significance.



B.3 Emission to Sewer

There are no Process Effluent Emissions to Sewer.



B.4 Noise Emissions

Daytime dB(A) L_{Aeq} (30 minutes)	Night-time dB(A) L_{Aeq} (30 minutes)
55 ^{Note 1}	45 ^{Note 1}

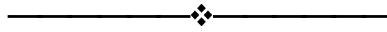
Note 1: There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity at any noise sensitive location.



SCHEDULE C: Control & Monitoring

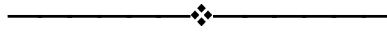
C.1.1 Control of Emissions to Air

There are no Emissions to Air of environmental significance.



C.1.2 Monitoring of Emissions to Air

There are no Emissions to Air of environmental significance.



C.2.1 Control of Emissions to Water

There are no Emissions to Water of environmental significance.



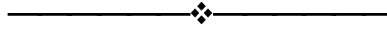
C.2.2 Monitoring of Emissions to Water

There are no Emissions to Water of environmental significance.



C.2.3 Control of Storm Water Emission

There are no Emissions to Storm Water of environmental significance.



C.2.4 Monitoring of Storm Water Emission

Emission Point Reference No.: SW1 (Map F.1.1)

PARAMETER ^{Note 1}	SURFACE WATER Monitoring Frequency
Visual	Daily
Mineral Oils	Monthly
Total Suspended Solids	Monthly
Total Ammonia (NH₄-N)	Quarterly
BOD ^{Note 2}	Annually
Total P/orthophosphate	Annually
Faecal Coliforms	Annually

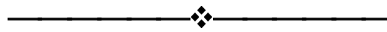
Note 1: All the analysis shall be carried out by a competent laboratory using standard and internationally accepted procedures.

Note 2: Where there is evident gross contamination, additional samples should be analysed and the full suite of parameters shown tested.



C.3.1 Control of Emissions to Sewer

There are no Process Effluent Emissions to Sewer.



C.3.2 Monitoring of Emissions to Sewer

There are no Process Effluent Emissions to Sewer.



C.4 Waste Monitoring

There is no Requirement for Waste Monitoring on site.



C.5 *Noise Monitoring*

There is no additional noise monitoring required in this schedule.



C.6 *Ambient Monitoring*

Air Monitoring

Location: A2-1, A2-2, A2-3, A2-4, Drawing No. 9 - Map F.1.1 (or as may be amended under Condition 6.5)

Parameter	Monitoring Frequency	Analysis Method/Technique
Dust Deposition ^{Note 1}	Biannually ^{Note 3}	Bergerhoff ^{Note 4}
Odour ^{Note 2}	Biannually	See ^{Note 5}

Note 1: 30 day composite sample with the results expressed as mg/m²/day.

Note 2: Appropriate meteorological monitoring to be carried out concurrently.

Note 3: Twice during the period May to September, or as otherwise specified in writing by the Agency.

Note 4: Standard method VDI2119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute)

Note 5: Odour measurements shall be by olfactometric measurement and analysis for mercaptans, hydrogen sulphide, ammonia, amines as set out in Table F.4.3.



Groundwater Monitoring**Location:** GW1

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Annual	pH electrode/meter
Nitrate	Annual	Standard Method
Total Ammonia	Annual	Standard Method
Conductivity	Annual	Standard Method
Chloride	Annual	Standard Method
Faecal Coliforms	Annual	Standard Method

**Receiving Water Monitoring****Location:** SW2, SW3 (Map I. Rev. a)

Parameter	Monitoring Frequency ^{Note 1}	Analysis Method/Technique
Biological Quality (Q) Rating/Q Index	Annually	To be agreed with the Agency

Note 1: Monitoring period - June to September.



SCHEDULE D: Annual Environmental Report

Annual Environmental Report Content ^{Note 1}
Emissions from the facility.
Waste management record.
Resource consumption summary.
Complaints summary.
Schedule of Environmental Objectives and Targets.
Environmental management programme – report for previous year.
Environmental management programme – proposal for current year.
Pollution emission register – report for previous year.
Pollution emission register – proposal for current year.
Noise monitoring report summary.
Ambient monitoring summary.
Tank and pipeline testing and inspection report.
Reported incidents summary.
Energy efficiency audit report summary.
Report on the assessment of the efficiency of use of raw materials in processes and the reduction in waste generated.
Report on progress made and proposals being developed to minimise water demand and the volume of trade effluent discharge.
Development / Infrastructural works summary (completed in previous year or prepared for current year).
Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.
Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities).
Waste activities carried out at the facility.
Quantity and Composition of waste recovered, received and disposed of during the reporting period and each previous year (relevant EWC codes to be used).
Full title and a written summary of any procedures developed by the licensee in the year, which relates to the facility operation.
Waste Recovery Report.
Review of Nuisance Controls.
Any other items specified by the Agency.

Note 1: Content may be revised subject to the agreement of the Agency.

Sealed by the seal of the Agency on this the 26th day of September, 2005

PRESENT when the seal of the Agency
was affixed hereto:

Padraic Larkin, **Director/Authorised Person**

APPENDIX II
WASTE COLLECTION PERMIT



Comhairle Chontae Chorcaí



Comhairle Cathrach Chorcaí

Waste Management (Collection Permit) Regulations, 2001

WASTE COLLECTION PERMIT

Permit Register Reference Number CK WMC 47/01

Cork County Council being a nominated authority under Section 34(1)(aa) of the Waste Management Acts 1996 to 2005, having carried out a review of Waste Collection Permit CK WMC 47/01, [*by Directors Order No ENV224/06*] hereby issues amended conditions to be attached to the said Waste Collection Permit of:

Ted O'Donoghue And Sons Ltd.

herein after called the Permit Holder

Of: **Mountain View House, Waterfall, Co. Cork**

subject to the attached schedule of conditions

The attached conditions supersede all previous conditions issued for attachment to the said Waste Collection Permit (CK WMC 47/01). Cork County Council may at any time review, and subsequently amend the conditions of, or revoke this permit. Cork County Council shall review this permit at least once in each period of two years (or as otherwise required by regulation) after the date on which the permit was granted or last reviewed, as the case may be.

The Permit Holder is authorised by this permit to collect specified waste type(s) using vehicle(s) specified in the following local authority areas:

ALL AREAS WITHIN CORK CITY AND CORK COUNTY

Signed: Claire Kelly
Executive Engineer

Date: 20 April 2006

REASON FOR THE DECISION

Cork County Council is satisfied, on the basis of the information available, that subject to compliance with the conditions of this permit, the activity will not cause environmental pollution and the grant of this permit is in accordance with the objectives of the applicable Waste Management Plan and the National Hazardous Waste Management Plan.

In reaching this decision, Cork County Council has considered any information submitted as part of the review process by the permit holder and valid submissions received from the relevant local authorities and other parties.

INTERPRETATION

All terms in this permit should be interpreted in accordance with the definitions in the Waste Management Acts 1996 to 2005 (the Act), and its associated regulations.

CONDITIONS

1 SCOPE OF PERMIT.

- 1.1 For the avoidance of doubt, any reference to the term permit shall be deemed to include all conditions attached thereto.
- 1.2 The permit holder may collect the wastes specified in condition 1.3 in the functional areas of Cork City and Cork County Council.
- 1.3 The permit holder shall only collect such wastes as have been notified in writing to Cork County Council and subsequently agreed, which are listed in Appendix A to this permit or such later revision of the said appendix as Cork County Council may issue.
- 1.4 The permit holder shall notify Cork County Council in writing of any proposed changes in the information furnished and shall obtain written approval from Cork County Council prior to these changes occurring.
- 1.5 This permit and any condition imposed therein shall not relieve the permit holder of any statutory obligations under any other enactment whatsoever.
- 1.6 This permit is non-transferable.
- 1.7 The specified retention period for records referred to herein shall be deemed as 3 years unless otherwise notified by Cork County Council.

2. **MANAGEMENT OF THE WASTE COLLECTION ACTIVITY**

2.1 The permit holder shall ensure that where waste collected under this permit is transferred to a facility for the purpose of a recovery or disposal activity in respect of which section 39(1) of the Act applies-

- (i) there is in force a waste licence or a waste permit in relation to the carrying on of the activity concerned at that facility, or
- (ii) an application for such licence or permit has been made to, and is under consideration by, the Agency or relevant local authority and the activity concerned may be lawfully carried on pending a decision in relation to the said application.

2.2 The permit holder may not transfer waste to a facility under condition 2.1 of this permit unless the waste activity at that facility is authorised under:

- (i) Section 39(1) of the Act, in the case of a facility subject to licensing, or
- (ii) Article 4 of the Waste Management (Permit Regulations), 1998 in the case of an activity specified in Part I or part II of the First Schedule of the said Regulations.

Note: An authorised waste management facility does not include a facility for which a licence/permit has been revoked or a licence/permit has not yet been granted for applications made after the prescribed date.

2.3 The permit holder shall only transfer waste to the facilities that have been notified in writing to Cork County Council and subsequently agreed, which are listed in Appendix B to this permit or such later revision of the said appendix as Cork County Council may issue and to no other facilities whatsoever.

2.4 If the permit holder proposes to transfer waste to facilities other than those which were previously agreed with Cork County Council, the permit holder shall, a minimum of ten working days prior to use of these facilities, submit the following details in writing for the written agreement of Cork County Council:

- (i) Origin of waste material.
- (ii) Description of waste including European Waste Catalogue (EWC) code.
- (iii) Location, ownership details, and contact number of the facility.
- (iv) Waste permit or license details of the facility.
- (v) Written confirmation from the operator of the facility that the said waste will be accepted there.

2.5 The permit holder shall carry or cause to be carried a complete copy of this permit at all times on each vehicle which is used for the purposes of the activity to which the permit relates.

2.6 The permit holder shall carry or cause to be carried a copy of the latest revision of all appendices issued by Cork County Council at all times on

each vehicle which is used for the purposes of the activity to which the permit relates

- 2.7 The permit holder shall take steps to ensure that all, or a specified proportion of waste collected by the permit holder, or of any class or classes of such waste, is segregated, treated or recovered, in such manner as may be specified by Cork County Council
- 2.8 Where any local authority has made bye-laws under section 35 of the Act the permit holder shall not collect waste in the functional area of the said local authority unless it has been presented in accordance with the requirements of the said bye-laws.
- 2.9 Where waste has been segregated prior to collection in accordance with a bye-law referred to in condition 2.8 or by Regulation, or by any requirement of the applicable waste management plan, the permit holder, if collecting the recyclable fraction of the waste, shall ensure that this fraction is separately collected in its entirety, kept free of contamination, and transferred to a suitable recovery facility in accordance with the said Bye-law, Regulation or Plan. Similarly biodegradable waste if required to be segregated and separately collected shall be transferred to a suitable biodegradable waste treatment facility.
- 2.10 The permit holder shall identify all hazards associated with the waste being collected, and shall be familiar with best practice regarding its safe movement and handling and shall adopt all necessary, reasonable and practicable safety measures accordingly.
- 2.11 The permit holder shall have in place a documented Emergency Response Procedure (ERP), which shall address any emergency incident that may arise. This procedure shall include for an emergency response unit, replacement vehicles, clean-up equipment, etc in order to minimise the effects of the emergency on the environment. The permit holder shall maintain a copy of the ERP at the principal place of business of the permit holder.
- 2.12 The permit holder shall ensure that all operatives employed in the waste collection activity are familiar with the conditions of this permit and the ERP.
- 2.13 The permit holder shall clean up immediately any spillage of waste, which occurs in the course of the collection operation, in a manner, which will not cause environmental pollution. The permit holder shall carry an emergency spillage kit on each vehicle listed in appendix C, at all times, to deal with minor spillages.
- 2.14 The permit holder shall not cause environmental pollution during the course of the waste collection activity to which this permit relates.

3. **VEHICLES, SKIPS AND RECEPTACLES.**

- 3.1 The permit holder shall only use the vehicles as have been notified in writing to Cork County Council and subsequently agreed, which are listed in Appendix C to this permit or such later revision of the said appendix as Cork County Council may issue, for the purposes of the activity to which this permit relates.
- 3.2 All vehicles used by the permit holder for the purposes of the activity to which this permit relates, shall be fit for purpose and maintained in accordance with the manufacturers' recommendations.
- 3.3 All vehicles used for purposes of the activity to which this permit relates shall be washed down as required in an appropriate manner and at an appropriate facility so as not to result in environmental pollution.
- 3.4 Each vehicle used for the purposes of the activity to which this permit relates and that is listed in Appendix C of this permit shall be marked with the following information in clearly legible indelible lettering at least 75 millimetres high :
- (i) Name of the permit holder;
 - (ii) Telephone number of the permit holder.
- 3.5 Each skip, tanker, trailer or container used for the purposes of the activity to which this permit relates shall be marked on at least two sides with the following information in clearly legible indelible lettering at least 75 millimetres high:
- (i) Name of the permit holder;
 - (ii) Telephone number of the permit holder;
 - (iii) A unique identification number for the skip, tanker, trailer or container.
- 3.6 The permit holder shall ensure that skips containing waste are appropriately covered during transit to prevent spillage and litter nuisance.
- 3.7 The permit holder when using a skip for the purposes of the activity to which this permit relates shall provide the hirer, with a written agreement detailing:
- (i) that the hirer shall not allow the placement of hazardous waste in the skip
 - (ii) the types of wastes which may be placed in the skip as listed in appendix A to this permit.
- 3.8 No skip, tanker, trailer or container used for the purposes of the activity to which this permit relates and which contains waste shall be left in a public place (as defined in the Litter Pollution Acts 1997 and 2003), other than where it is initially filled, unless it is on or attached to a mechanically propelled vehicle, which is in transit to a facility as listed in Appendix B to this permit.

- 3.9 All wheeled bins used for the collection of municipal waste shall comply with standard I.S. EN840 parts 1-6
- 3.10 Wheeled bins for municipal waste (including separately collected fractions) shall be identified with the name, address and telephone number of the permit holder in clearly legible lettering and a unique customer reference number. The permit holder shall supply the name and address of a customer to whom a reference number applies on request. The permit holder shall submit written details of the identification system to Cork County Council for approval on request.

4. **NOTIFICATION, RECORD KEEPING AND SUBMISSION OF INFORMATION**

- 4.1 The permit holder shall notify Cork County Council in relation to any conviction for an offence prescribed under article 19 of the Waste Management (Collection Permit) Regulations, 2001 or any amendment to the Regulations, or any requirement of an order under sections 57 or 58 of the Act, within fourteen days of such a conviction or the imposition of such a requirement.
- 4.2 The permit holder shall notify the relevant local authority (i.e. the local authority in whose area the incident occurs) immediately after the occurrence of any incident connected with the activity to which this permit relates that caused or has the potential to cause environmental pollution or a threat to human health. The permit holder shall include as part of the notification the date, time, location and a full description of the incident. The permit holder shall also send a written record of the incident to Cork County Council within 1 week of the incident. This written record of the incident shall include the following information:
- (i) the date, time and location of the incident,
 - (ii) a full description of the incident,
 - (iii) details of any measures taken to prevent or reduce environmental pollution or harm to human health which was caused or may be caused by the incident, and
 - (iv) details of steps taken to avoid recurrence of similar incidents.
- 4.3 Permit holders who are not based in the Republic of Ireland shall within 1 month of the date of grant of this permit submit details of a registered service address in the Republic of Ireland
- 4.4 The permit holder shall notify Cork County Council in advance of any proposal to increase the level of fees charged to householders for waste collection services provided.
- 4.5 The permit holder shall have a docket system for recording non-hazardous industrial/commercial and construction and demolition waste collection. One individually numbered docket shall be used per consignment of waste. Each docket shall at a minimum contain the following (unless otherwise agreed in writing by Cork County Council):
- (i) the name and waste collection permit number of the permit holder
 - (ii) date of waste collection,
 - (iii) Vehicle Registration Number of the vehicle

- (iv) signature and name of the waste producer and address of origin of the waste,
- (v) the local authority area of origin of the waste,
- (vi) Description of waste including European Waste Catalogue (EWC) code.
- (vii) the name, address and licence or permit number of the waste facility to which the consignment of will be delivered,
- (viii) quantity of waste delivered to the waste facility in units of tonnes or litres,
- (ix) signature of the vehicle driver, and
- (x) signature of a representative of the waste facility of destination.

Items (i) to (vii) must be completed before any of the waste is collected and items (viii) to (x) must be completed following transfer of any waste at the designated facility.

4.6 The permit holder shall have a docket system for recording waste from a regular collection round of non- hazardous household and commercial waste producers. One individually numbered docket shall be used per vehicle per day. The docket shall be retained on the vehicle while the waste to which the docket relates is being transported on the vehicle. Each docket shall at a minimum contain the following (unless otherwise agreed in writing by Cork County Council):

- (i) the name and waste collection permit number of the permit holder,
- (ii) date of waste collection,
- (iii) Vehicle Registration Number of the vehicle
- (iv) The area in which the waste originated ,
- (v) The local authority of origin of the waste,
- (vi) Description of waste including European Waste Catalogue (EWC) code.
- (vii) the name, address and licence or permit number of the waste facility or facilities to which the consignment will be delivered,
- (viii) Quantity of waste delivered to the waste facility in units of tonnes or litres
- (ix) signature of the vehicle driver, and
- (x) Signature of a representative of the waste facility of destination.

Items (i) to (vii) must be completed before any of the waste is collected and items (viii) to (x) must be completed following transfer of any waste at the designated facility.

- 4.7 Cork County Council may at any time serve a notice on the permit holder specifying the format and layout of dockets which the permit holder shall use in accordance with condition 4.5 and 4.6 of this permit. The permit holder shall comply with the provisions of any such notice.
- 4.8 The permit holder shall carry the dockets referred to in Conditions 4.5 and 4.6 on the vehicle on which the waste they refer to is carried until control of the waste is transferred to a facility specified in Appendix B of this permit. After that time, the permit holder shall retain the dockets referred to in Conditions 4.5 and 4.6 at the principal place of business of the permit holder for the specified retention period and shall make them available for inspection by an authorised person on demand.
- 4.9 The permit holder shall, at the address of the principal place of business and, from the records prescribed in Condition 4.5 and 4.6 maintain up-to-date (or monthly) summaries of the following information in respect of waste collected by the permit holder in each calendar month:
- (i) Local Authority area of Origin of Waste
 - (ii) Point of collection
 - (iii) Description of waste including European Waste Catalogue (EWC) code indicating whether or not the waste is hazardous
 - (iv) Quantity of each waste type collected in tonnes or litres
 - (v) The name, address and licence or permit number of the waste facility or facilities to which waste was delivered by the permit holder,
 - (vi) Country of destination (if abroad)
 - (vii) The nature of the activity carried on each waste facility to which waste was delivered by the permit holder (i.e. Disposal or recovery or transfer station)
 - (viii) The total number of households provided with waste collection by the permit holder
 - (ix) The number of households provided with kerbside dry recyclable waste collection by the permit holder
 - (x) The number of households provided with a biodegradable kerbside waste collection by the permit holder
 - (xi) The number of households provided with 'pay-by-use' waste collection by the permit holder.
 - (xii) The number of households, which avail of the Pay-By-Use waste collection service provided by the permit holder.
- 4.10 The records maintained by the permit holder in accordance with condition 4.9 shall be kept at the address of the principal place of business for the specified retention period and shall be made available for inspection by an authorised person at the address of the principal place of business during normal office hours.
- 4.11 The permit holder shall, not later than 28th February in each year furnish to Cork County Council an Annual Report (AR) in respect of waste collection

activities carried out by the permit holder in the preceding calendar year. The AR shall be a summary of the records maintained under condition 4.5 and condition 4.6 of the permit. The AR shall contain the following information, in summary form, in respect of waste collected by the permit holder in the preceding calendar year:

- (i) Local Authority area of Origin of Waste
- (ii) Point of collection
- (iii) EWC Codes, indicating whether or not the waste is hazardous
- (iv) Waste Description
- (v) Quantity of each waste type collected (in tonnes)
- (vi) Destination of waste (ie. facility name and address)
- (vii) Waste licence or waste permit register number of facilities to which waste is delivered
- (viii) Country of destination (if exported abroad for treatment)
- (ix) the nature of the activity carried on at the waste facility to which waste is delivered (ie. Disposal or recovery)
- (x) The total number of households from which the permit holder collected waste
- (xi) The number of households provided with kerbside dry recyclable waste collection by the permit holder
- (xii) The number of households provided with a biodegradable kerbside waste collection by the permit holder
- (xiii) Copy of current Insurance Policy Certificates as outlined in Condition 5.3
- (xiv) Any impositions or convictions imposed as outlined in Condition 4.1
- (xv) Details of any reportable incidents as outlined Condition 4.2
- (xvi) Details of any loads rejected at a facility
- (xvii) Details of any non-compliances with the conditions of the permit

The information specified above shall be filled on the annual report form which is available on the Cork County Council website at the following internet address www.corkcoco.ie.

The completed form shall be submitted by the 28th February each year in respect of the preceding calendar year to Cork County Council by e-mail

to wcpstats@corkcoco.ie, or posted to Cork County Council on a 3 1/2“ computer diskette or CD, unless otherwise agreed in writing with Cork County Council.

- 4.12 A copy of all correspondence sent to and received from Cork County Council regarding this waste collection permit shall be kept at the address of the principal place of business for the specified retention period following the date on which the correspondence is sent or received respectively and shall be made available for inspection by any authorised person.
- 4.13 The permit holder shall at his principal place of business for the specified retention period maintain a list of the name and address of each waste producer and waste facility from which the permit holder collects waste for inspection by an authorised person.
- 4.14 A copy of all correspondence sent to and received from Cork County Council regarding this Waste Collection Permit shall be kept at the address of the principal place of business for the specified retention period following the date on which the correspondence is sent or received respectively and shall be made available for inspection by any authorised person.
- 4.15 All written communication from the permit holder to Cork County Council shall be addressed to the following address:
**Environment Department,
Cork County Council,
Inniscarra,
Co. Cork.**
- 4.16 Where Cork County Council notifies the Permit Holder of a proposal to review this permit, the Permit Holder shall submit such information as may be requested in the said notice within the stated time frame.

5. CHARGES AND FINANCIAL PROVISIONS.

- 5.1 The permit holder shall pay to Cork County Council:
- (i) the cost of any investigations carried out or caused to be carried out by the local authority so as to enable it properly to decide on an application, or
 - (ii) any costs incurred by the local authority for the purpose of ensuring compliance by the holder of a permit with the requirements of the said permit, including the cost of any inspections, audits or investigations carried out or caused to be carried out by the local authority, and the taking and analysis of any sample.
- 5.2 The permit holder shall effect and maintain an appropriate and adequate policy of insurance in respect of vehicles used for the purposes of, and liabilities arising from, the waste collection activity, including employer's liability and public liability as relevant.
- 5.3 The minimum acceptable level of indemnity is €6,400,000 for Public Liability Insurance and €3,800,000 for third party property damage on Motor Insurance and €12,800,000 for Employers Liability

6. CONDITIONS SPECIFIC TO WASTE TYPES

6.1 COMMERCIAL AND INDUSTRIAL WASTE

- 6.1.1 Within 1 month of the date of grant of this permit, the permit holder shall in accordance with condition 2.7, submit details for the written agreement of Cork County Council for the implementation and maintenance of a separate system for kerbside collection of dry recyclables from commercial and industrial premises. Any agreed program shall be implemented within 6 months following the date of agreement.
- 6.1.2 Within 1 month of the provision of suitable facilities for the treatment of the biodegradable fraction of municipal waste, the permit holder shall in accordance with condition 2.7, submit details for the written agreement of Cork County Council for the implementation and maintenance of a separate system for kerbside collection of biodegradable waste from commercial and industrial premises. Any agreed program shall be implemented within 6 months following the date of agreement.
- 6.1.3 Source separated waste shall not be mixed during collection.
- 6.1.4 The Permit Holder shall not collect materials containing hazardous waste, unless specifically permitted in accordance with Condition 1.3 and as listed in Appendix A.
- 6.1.5 The permit holder shall provide separate receptacles for packaging waste which have been segregated in accordance with the Waste Management (Packaging) Regulations, 2003 or as amended.
- 6.1.6 The permit holder shall not collect packaging waste for disposal from a producer, without first receiving a written declaration as required under article 27(b) of the Waste Management (Packaging) Regulations 2003 or as amended.
- 6.1.7 The permit holder shall notify the local authority in advance, within a period of not less than one month, of any proposal to alter/extend the range of dry recyclable materials for separate collection under 6.1.1 above.

6.2 CONSTRUCTION AND DEMOLITION WASTE

- 6.2.1 The permit holder shall take measures to ensure compliance with National targets for the recovery, recycling and re-use of construction and demolition wastes.
- 6.2.2 Construction and demolition waste, where technically and economically feasible, shall be source segregated and transported for recovery, recycling or reuse.
- 6.2.3 The permit holder shall not mix source separated construction and demolition wastes during collection and transport.
- 6.2.4 The permit holder shall damp down dry or dusty wastes prior to transport.
- 6.2.5 The permit holder shall ensure that no waste is deposited on the public road during the collection and transportation of the waste.
- 6.2.6 The permit holder shall not collect soil and stones containing hydrocarbons or dangerous substances unless specifically permitted in accordance with condition 1.3 and as listed in Appendix A.
- 6.2.7 The permit holder shall ensure that no pollutants or other waste types are allowed to contaminate loads destined for recovery, recycling or reuse. The permit holder shall transfer contaminated loads to appropriate licensed / permitted facilities where segregation / treatment can be carried out.
- 6.2.8 Collection of construction and demolition wastes that are hazardous in nature is additionally subject to the conditions specified for Hazardous Wastes

6.3 DOMESTIC WASTE

- 6.3.1 By 31 May 2006, the permit holder shall, in accordance with condition 2.7, submit details for the written agreement of Cork County Council for the implementation and maintenance of a separate system for kerbside collection of dry recyclables from households. The agreed program shall be implemented by 1 September 2006. In accordance with condition 2.7, the permit holder shall implement and operate a separate system for kerbside collection of dry recyclables from households as was agreed with the nominated authority.
- 6.3.2 The Permit Holder shall operate a system of "Pay by Use" from households serviced within Cork County and City. The system shall be amended as required in writing by Cork County Council.

- 6.3.3 The Permit Holder shall submit full details, by 31 May 2006, for the written agreement of Cork County Council, of the Pay-By-Use system collection service, which is provided to householders within Cork County and City, by the permit holder in accordance with Condition 6.3.2. Pay by tag, pay by lift or pay by weight are typical "Pay by Use" systems but the Permit Holder may operate an agreed alternative deemed appropriate by Cork County Council. The system must demonstrate a clear incentive to householders to minimise residual waste and maximise recycling. The permit holder shall submit details on how the system is operated, how the customers are notified of the pay-By-Use system and how many customers avail of the system.
- 6.3.4 By 30 June 2006, the Permit Holder shall notify all householders of the Pay by Use system that the Permit Holder operates in accordance with Condition 6.3.2.
- 6.3.5 By 30 June 2006, the Permit Holder shall publish, in a newspaper that circulates in the area of collection, details of the Pay-By-Use system, which the Permit Holder operates in accordance with Condition 6.3.2 and how customers can avail of the service.
- 6.3.6 The Permit Holder shall notify Cork County Council and all persons availing of their domestic waste collection activities of the frequency of collection and, a minimum of 10 working days in advance of any alternative arrangements made for collection in relation to public holidays etc., or of any proposal to cease or reduce the level of collection.
- 6.3.7 The permit holder shall implement an education and awareness programme by 1 August 2006. The Permit Holder shall submit details of the programme by 1 June 2006, for agreement with Cork County Council. The programme shall include, unless otherwise agreed with the Cork County Council:
- (i) Timetable for implementation of the education and awareness programme.
 - (ii) Details of mail-shots and leaflet drops.
 - (iii) Details of newspaper advertisements.
 - (iv) Details of a customer help-line including details of staff training.
 - (v) Procedures for rejected/contaminated materials.
 - (vi) Any agreed program shall be implemented within 6 months following the date of agreement.
 - (vii) The permit holder shall send a copy of all promotional material to Cork County Council c/o Environment Department, Inniscarra, Co. Cork.

6.4 END OF LIFE VEHICLES

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

6.5 HAZARDOUS WASTE (note includes waste asbestos, waste batteries, healthcare wastes)

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

6.6 INCINERATION WASTE

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

6.7 SLUDGES / SLURRIES AND SEPTIC TANK WASTE

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

6.8 WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

6.9 WASTE OILS

The Permit Holder is not permitted to collect these waste types under the Waste Management (Collection Permit) Regulations 2001.

Appendix A

Permitted waste types in accordance with Condition 1.3.

15 01 01	paper and cardboard packaging
15 01 06	mixed packaging
17 01 07	mixture of concrete, bricks tiles and ceramics other than those mentioned in 17 01 06
17 05 04	soil and stones other than those mentioned in 17 05 03
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
20 03 01	mixed municipal waste

Appendix B

Permitted disposal or recovery sites to be used in accordance with Condition 2.3

Facility – Name and Address	Permit/License Number
Ted O'Donoghue And Sons Ltd Waterfall, Co. Cork	EPA No. 214-1
John Butler Cullen, Riverstick, Co. Cork	CK (S) 113/04
Youghal Landfill, Youghal Mudlands, Youghal Co. Cork	EPA 68-1
Kinsale Road Landfill, South City Link Road, Cork	EPA 12-2
Cork Recycling Co. Ltd Lenaghmore, Togher, Cork	CK (S) 17/02
Glyntown Enterprise Ltd Sarsfield Court Industrial Estate, Glanmire, Co. Cork	CK (S) 167/04
Cork Metal Co. Ltd Dublin Hill, Cork	CK (S) 204/05
Mulleady's Ltd Cloonagh, Drumlish, Co. Longford	EPA 169-1
Ballaghveny Landfill Ballymackey, Co. Tipperary	EPA 78-1
Greenstar (Munster) Ltd Sarsfield Court Industrial Estate, Glanmire, Co. Cork	EPA 136-2
Finsa Forrest Products Ltd. Scariff, Co. Clare	IPPC 672
National Recycling Co. Ltd Connelly Road, Cork	1462/04
Country Clean Recycling Ltd Churchfield Industrial Estate, Cork	04/04

Appendix C

Permitted collection vehicles to be used in accordance with Condition 3.1

99 C 28932

98 C 7234

94 C 16546

98 C 24527

97 C 23209

97 C 23218

98 C 24040

89 C 19090

APPENDIX III
2007 INLOAD TONNAGES

Waste Inloads to Facility in 2007

Source of waste	Waste type	EWC code	Description of waste	Quantity (tonnes)
Households	Domestic	20 03 01	Mixed Municipal & Domestic Waste	1,798
Commercial	Mixed Commercial Packaging Mixed Municipal From Commercial Activities	15 01 06	Paper/Plastic/Timber/ Packaging Etc.	3,277
Household/Commercial	Mixed Commercial & Domestic Waste	20 03 01	Mixed Commercial Packaging And Mixed Domestic Waste	7,892
Construction/Demolition	Mixed C&D Waste	17 09 04	Mixtures Of Soil/Stones Concrete Bricks, Wood, Tiles/Ceramics,Glass, Plastic, Metals From C&D Activities	11,970
Household/Commercial	Dry recycables	20 03 01	Dry Recyclables	4,172
Construction/Demolition	Gypsum		Gypsum Plasterboard	193
Commercial	Cardboard	19 12 01	Commercial Card	98
Construction/Demolition	C&D Timber	19 12 07	Timber	349
Commercial	Glass	19 12 05	Glass	126
Household/Commercial	Greens	20 02 01	Green Waste	116
				29,991

APPENDIX V

FACILITY ENVIRONMENTAL MANAGEMENT SYSTEMS (EMS)

**TED O' DONOGHUE & SONS WASTE DISPOSAL
WATERFALL, CORK**

ENVIRONMENTAL MANAGEMENT SYSTEM

Waste Licence Register Number:	214-1
Licensee:	Ted O' Donoghue & Sons Limited
Location of Facility:	Knockpoge, Waterfall, County Cork
Date:	March 25 th 2006

TABLE OF CONTENTS

	<u>PAGE</u>
1. INTRODUCTION	1
1.1. LOCATION.....	2
2. SCHEDULE OF OBJECTIVES & TARGETS	3
3. WASTE ACCEPTANCE PROCEDURES	8
3.1. WASTE COMPOSITION	8
3.2. WASTE RECORDS.....	8
3.3. WASTE ACCEPTANCE PROCEDURES	8
3.4. WASTE INSPECTION.....	8
4. SITE OPERATIONS	9
4.1. WASTE ACCEPTANCE HOURS AND HOURS OF OPERATION.....	9
4.2. WASTE TYPES	9
4.2.1. <i>Household and Commercial Waste Containing Putrescible Materials</i>	9
4.2.2. <i>Non Putrescible Household and Commercial Waste</i>	10
4.2.3. <i>Construction and Demolition Waste</i>	10
4.2.4. <i>Wood, Timber Waste</i>	10
4.3. ACCESS TO THE SITE.....	10
4.4. HEALTH AND SAFETY.....	10
4.5. STAFFING LEVELS.....	11
4.6. SITE MACHINERY	13
4.7. ON-SITE CAPACITY OF COLLECTION VESSELS	14
4.8. INTERNAL ACCESS ROADS	14
5. SITE INFRASTRUCTURE	15
5.1. SITE ACCESS.....	15
5.2. SITE SECURITY.....	15
5.3. SITE FACILITIES	15
5.4. LIGHTING	15
5.5. DESIGN & LOCATION OF FUEL STORAGE.....	15
5.6. WASTE QUARANTINE AREA	16
5.7. PLANT SHEDS, GARAGES AND EQUIPMENT COMPOUND	16
5.8. OTHER RECOVERY INFRASTRUCTURE.....	16
6. CONTROL OF NUISANCE	17
6.1. VEHICLES	17
6.2. DUST.....	17
6.3. LITTER CONTROL.....	17
6.4. ODOUR CONTROL.....	17
6.5. NOISE.....	18
6.6. COMPLAINTS REGISTER.....	18
7. ENVIRONMENTAL MONITORING	19
7.1. DUST	19
7.2. NOISE.....	19

7.3.	SURFACE WATER, GROUNDWATER	19
7.4.	ODOUR MONITORING.....	19
8.	PROCEDURES	20
8.1.	CORRECTIVE ACTION PROCEDURE.....	21
8.2.	AWARENESS AND TRAINING PROCEDURE	24
8.3.	COMMUNICATION PROGRAMME	26

1. INTRODUCTION

The purpose of this environmental management system (EMS) is to provide detail on the principles of the site design and operational practices of the Ted O Donoghue & Sons Waste Disposal facility at Waterfall, Cork. The environmental management system includes:

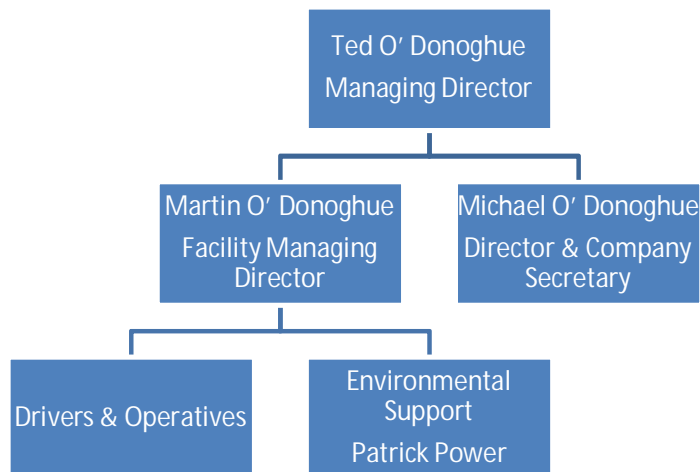
- Section 2 - Schedule of Objectives and Targets
- Section 3 - Environmental Management Plan
- Section 4 - Corrective Action Procedure
- Section 5 - Awareness and Training Programme
- Section 6 - Communications Programme

Ted O' Donoghue & Sons Waste Disposal owns and operates the waste transfer station. The facility's address is:

Mountain View House
Knockpogue
Waterfall
Co. Cork

Grid reference Number: E158750 N065305
Phone Number: 01 4544848
Fax: 01 4544848
Email: tedodonoghueandsonsltd@eircom.net

Management and staffing structure of the facility



1.1. Location

The site occupies an area of approximately 3 acres and is situated approximately 6km to the south west of Cork City in a rural setting. The site itself is located behind the O' Donoghue family residence. The entrance to the facility is approximately 5m off the main road and the access road to the site is approximately 125m long and 6m wide.

The site comprises a transfer station, small workshop building, weighbridge and concrete storage bays

2. SCHEDULE OF OBJECTIVES & TARGETS

Objective 1: Increase recovery of recyclable materials

Reason: To put into use materials that may otherwise be sent to landfill. This will not only have a positive environmental result but also an economical one.

Target: To increase percentage recovery of material from the incoming waste stream.

The targets outlined below are to ensure that the infrastructure is constructed in compliance with the criteria defined in the waste licence and in within the time period agreed.

Target	Date	Responsible
Task 1: Determine existing rates of recovery	2006	Facility Manager
Task 2: Monitor and sample incoming waste over a period of time to identify a range of recoverable materials	2006	Facility Manager
Task 3: When suitable materials have been selected, identify best approach to segregation of these.	2006	Facility Manager
Task 4: Investigate new method, plant or approach to aid with obtaining higher percentage of separation of existing recoverable material.	2006	Facility Manager
Task 5: Source and Obtain approval for new outlets for recyclables.	2006	Facility Manager
Task 6: Implement any findings	2006	All staff

TASK	2006										2007			
	M	A	M	J	J	A	S	O	N	D	J	F	M	
1	█	█	█	█	█	█								
2	█	█	█	█	█	█	█							
3					█	█	█	█	█					
4		█	█	█	█	█	█	█	█	█				
5		█	█	█	█	█	█	█	█	█	█	█	█	
6						█	█	█	█	█	█	█	█	█

Objective 2 – Improve environmental performance of the facility by establishing new infrastructure and upgrading existing infrastructure

The targets outlined below are to ensure that the infrastructure is constructed in compliance with the criteria defined in the waste licence.

Target	Date	Responsible
Task 1: Install drainage infrastructure	April 2006	Facility Manager
Task 2: Install wastewater treatment plant	April 2006	Facility Manager
Task 3: Complete concreting of yard area	May 2006	Facility Manager
Task 4: Install wheelwash	April 2006	Facility Manager
Task 5: Install oil interceptor	April 2006	Facility Manager
Task 6: Erect chainlink fencing	July 2006	Facility Manager
Task 7: Install CCTV at facility	August 2006	Facility Manager
Task 8: Install Firewater retention holding tank	June 2006	Facility Manager

TASK	2006										2007			
	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1	█	█												
2	█	█												
3			█	█										
4		█												
5				█	█									
6				█	█									
7					█	█								
8					█									

Objective 3. Control Of Litter

In line with O Donoghue Waste Disposal objective to make the facility site more visually attractive, it is proposed to carry out the following improvements in relation to litter control.

The Waste Licence for the facility requires the facility to remove and appropriately dispose of all loose litter accumulated within the facility and its environs on a daily basis.

A summary of the project tasks including timeframe are set out below.

Task 1.	Evaluate extent of litter problem
Task 2.	Nominate operative responsible for litter picking and control.
Task 3.	Review if additional resources are required

TASK	2006										2007			
	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1														
2														
3														

The Facility Manager will implement this project.
The project will continue throughout the life of the site.

Objective 4 - Reduce emissions from the development

The waste licence requires that all activities shall be carried out in a manner such that emissions do not result in significant interference with the environment beyond the facility boundary

Target: To curb emissions to well within the limits prescribed by the waste licence

Target	Date	Responsible
Task 1: Evaluate and compare current monitoring results with licence limits and current handling figures of the facility	2006	Facility Manger
Task 2: Identify any problem areas that arise with emissions to the environment	2006	Facility Manger
Task 3: Identify sources/activities that may lead to problematic results	2006	Facility Manger
Task 4: Evaluate the effectiveness of all emission abatement equipment currently installed	2006	Facility Manger
Task 5: Install, under approval from the Agency any abatement equipment deemed to be necessary.	2006	Facility Manger

TASK	2006											2007			
	M	A	M	J	J	A	S	O	N	D	J	F	M	A	
1															
2															
3															
4															
5															

Responsible Personnel

The facility manager is responsible for achieving this objective.

Objective 5 - Minimise environmental Impact of Discharges to Groundwater

Target	Date	Responsible
Task 1: Investigate containment options to Prevent Wastewater from Transfer Building / Vehicle Wash Area discharging to ground	2006	Facility Manger
Task 2: Prepare and Issue procedure and implement requirements for vehicle maintenance.	2006	Facility Manger
Task 3: Formalise a procedure for the storage and handling of liquids on-Site	2006	Facility Manger
Task 4: Prepare and issue procedure and implement requirements	2006	

TASK	2006										2007			
	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1														
2														
3														
4														

3. WASTE ACCEPTANCE PROCEDURES

3.1. Waste Composition

The facility is licensed to accept waste 23,000 tonnes of waste per annum as outlined in Table 3.1

Table 3.1: Licensed Waste Intake

Table A.1 Waste Categories and Quantities

Waste Type	Maximum (Tonnes Per Annum)
Household	12880
Commercial	1840
Construction and demolition	7514
Industrial Non-Hazardous Solids	766
Total	23,000

Note 1: Any proposals to accept other compatible waste streams must be agreed in advance with the Agency and the total amount of waste must be within that specified.

Note 2: The individual limitation on waste streams may be varied with the agreement of the Agency subject to the overall total limit staying the same

3.2. Waste Records

Records of all waste loads entering and leaving the site is kept electronically by the weighbridge operator. Details such as date, time, origin, waste type, contractors name, waste collection permit number, quantities and vehicle registration number are recorded.

3.3. Waste Acceptance Procedures

New waste acceptance procedures will be devised and implemented for the site. A copy of the procedures will be sent to the Agency for approval.

3.4. Waste Inspection

All contractors who visit the site are required to have a waste collection permit. Each load will be visually inspected at the weighbridge and as it is deposited at the active area. If it is suspected that the waste is not acceptable, the vehicle will be directed to the waste inspection/quarantine area where the load will be tipped out for a closer inspection.

4. SITE OPERATIONS

4.1. Waste Acceptance Hours and Hours of Operation

In accordance with Condition 1.6 of the waste licence, Waste shall be accepted at the facility only between the hours of 0600 and 1800 Monday to Friday inclusive and 0800 to 1700 on Saturdays or otherwise with prior approval of the Agency. The facility shall be operated only between the hours of 0600 to 2000 Monday to Friday inclusive and 0800 to 1800 on Saturdays. Waste shall not be accepted at the facility on Sundays or on Bank Holidays. The entrance gates will be locked at all times when the facility is not in operation.

The licence allows *the facility* to accept and process on site for recovery and disposal 23,000 tonnes of waste per annum, comprising commercial/industrial non-hazardous waste, household waste and construction and demolition wastes. Waste processing takes place inside the transfer station as well as outdoors.

4.2. Waste Types

The facility is licensed to accept the following waste types as specified in Schedule A of the Waste Licence: -

- Household,
- Commercial,
- Construction & Demolition,
- Industrial

Hazardous waste is not accepted at the facility, with the exception of small quantities of machinery batteries that inadvertently arrive in waste deliveries. Such batteries are stored in a designated skip pending collection by an off-site recycling organisation. Any other materials suspected either to be hazardous or not acceptable under licence conditions (e.g. gas cylinders, sheets of asbestos) are temporarily stored on-site in the waste quarantine area, before removal off-site for treatment/disposal at an appropriate facility.

4.2.1. Household and Commercial Waste Containing Putrescible Materials

Household and commercial wastes (originating in factories, hotels, pubs and supermarkets) containing an organic fraction are either deposited on the floor of the transfer building, or tipped directly into open trailers. All the household waste deposited on the floor is either pushed into an open trailer, or compacted for removal off-site for disposal at an off-site landfill, as agreed with the Agency. The commercial waste is inspected and segregated into recyclable cardboard, bottles, domestic waste, or compactor waste (supermarkets are generally the main origin of this waste). All uncontaminated cardboard and plastic packaging material, which is suitable for baling, is collected for recycling. Drink cans are collected, baled and stored on-site pending removal off-site for recycling. Glass bottles, which are either segregated prior to arrival on-site or deposited at the civic amenity area, are stored on-site pending removal for recycling off-site.

4.2.2. Non Putrescible Household and Commercial Waste

Non putrescible household wastes, arising from the kerbside collection, and non putrescible commercial/industrial waste is deposited onto the floor of the transfer building and inspected for disposable and/or recoverable fractions. Non-recyclable/recoverable waste is stored within the building before transfer for disposal to an off-site landfill, as agreed with the Agency.

4.2.3. Construction and Demolition Waste

All construction and demolition waste is inspected to determine if it is suitable for transfer and/or recovery. Wood and metal are separated using a mechanical grab and subsequently removed off-site to approved recovery/recycling facilities. The residual material is passed through a trommel to remove the fine fraction containing subsoil and topsoil. This material is either used on-site for restoration purposes, or is sold for agricultural and/or horticultural purposes. The heavy fraction from the trommel containing concrete, brick etc is then passed through the crusher to produce a crushed inert aggregate.

4.2.4. Wood, Timber Waste

Wood and timber delivered to and recovered on-site is shredded and removed off-site for disposal.

4.3. Access to the Site

Only personnel who are depositing waste or recyclables, involved in monitoring, or otherwise authorised by the Facility Manager shall be permitted access to the site. Scavenging of materials on the site is not permitted.

All visitors to the site excluding waste disposal contractors but including monitoring personnel must report to the site office and sign a visitors register at the time of entering and leaving the site.

Access to the site outside of normal operational hours is not permitted unless specifically authorised and supervised by the Facility Manager.

4.4. Health and Safety

All persons entering the site shall comply with relevant provisions of Health and Safety Work Act 1989 and Safety, Health and Work (Construction) Regulations 2001. Any person not complying with relevant health and safety provisions should be immediately requested to leave the site.

Emergency response procedures for the site are currently being prepared.

4.5. Staffing Levels

There are 8 operational staff at the site. Included in the operational staff is a Facility Manager, who is responsible for the day-to-day site activities. Other staff include, a deputy manager, a weighbridge clerk, 3 plant operators and four full-time drivers.

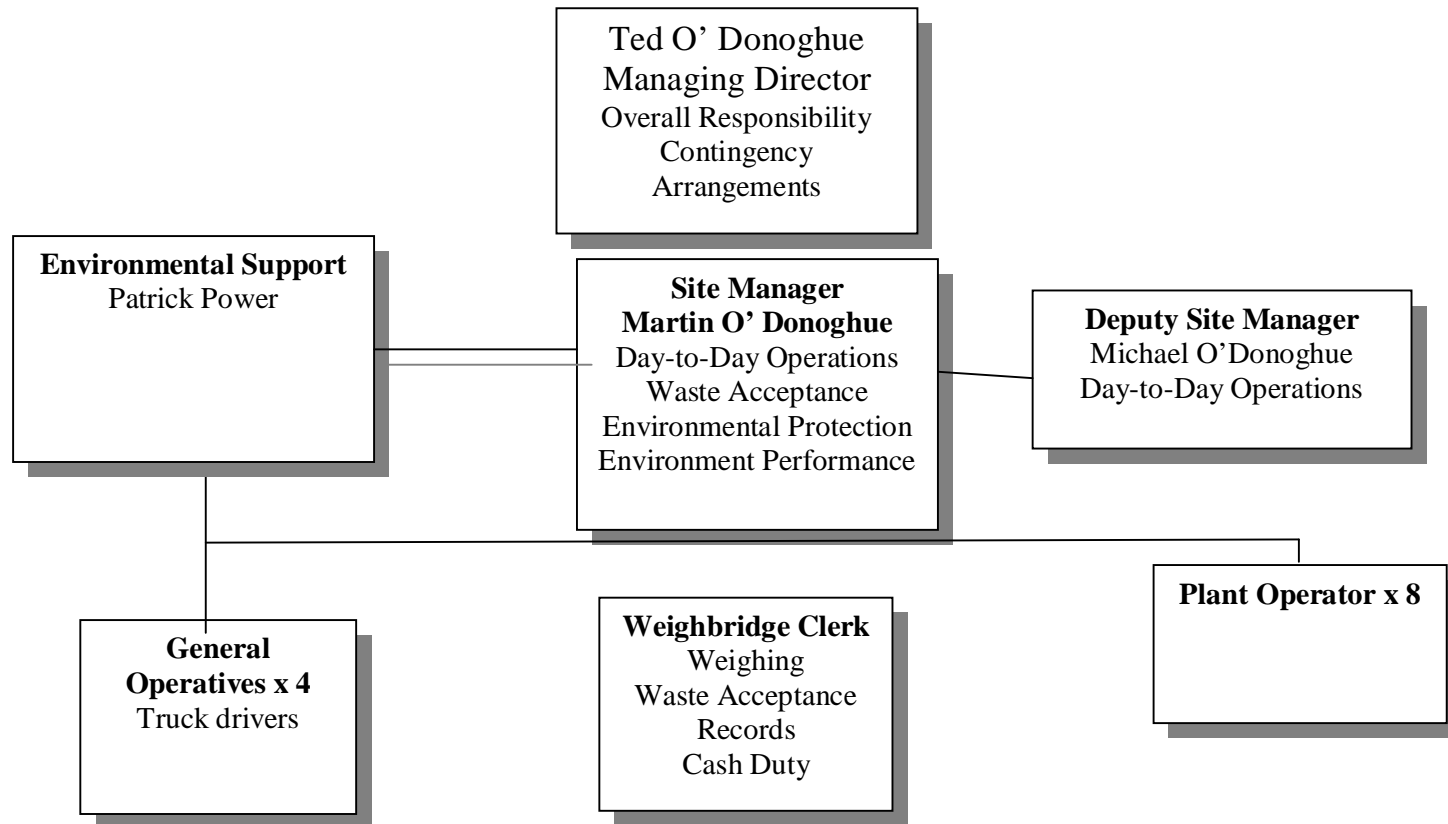
A staffing structure for site operations is presented in Table 4.1 and Figure 4.1. Their qualifications are outlined below:

Table 4.1: Management of Facility & Qualifications

Name & Title	Qualifications
Facility Manager Mr. Martin O' Donoghue	<ul style="list-style-type: none">• FAS Waste Management Training Course
Environmental Support (Part-time) Patrick Power	<ul style="list-style-type: none">• National Certificate in Civil Engineering• National Diploma in Civil Engineering• B.Sc Degree in Environmental Science• Diploma in Acoustics & Noise Control• Certificate in Health & Safety

Staff will be present at all times at the site in the hours of operation to supervise the waste disposal, deal with any emergency that arises and to prevent unauthorised entry into the site. The Facility Manager, or appointed deputy, is also on site at all times.

Figure 4.1: Management Structure of O Donoghue Waste Disposal



4.6. Site Machinery

Site machinery includes heavy mechanical plant for site operation, one weighbridge and ancillary equipment for cleaning and maintenance purposes. All site machinery, pumps, generators and other electrical and mechanical equipment on site will be maintained effectively to ensure safe site operations.

Plant on site may vary from time to time, but generally includes the following:

The following is a list of on-site plant deemed critical to the efficient and adequate processing of waste at the facility: -

- Horizontal Baler for cardboard and plastic
- Powerscreen 725 LL Trommel with 25mm screen
- Powerscreen Picking Station with overband magnet and paper / plastic blower
- Komatsu PC 21 OLC 3600 Excavator with bucket
- Fiat Hitachi FH 150 W2 360° Excavator with McQuaid Engineering Grab
- Hyster Forklift Truck
- Enviropro SD-1010 Timber Shredder
- 2 FG Wilson Diesel 3-Phase Power Generators -60 kva and 250 kva .
- Schmidt 151 Compact Road Sweeper
- 2 no. Forty Foot Articulated Truck Ejector Trailers
- 1 no. Forty Foot Articulated Truck Curtain Side Trailer
- 4 No. Four cubic yard forklift tipping containers
- 2 No. Six cubic yard skips for storing rubble and soil
- DAF 1900 Chain Lift Skip Truck
- Two cubic yard skip for storing plate glass
- 14 cubic yard open-top skip for mixed plastic film
- 14 cubic yard skip used to store mixed newsprint and paper

4.7. On-site capacity of Collection Vessels

Table 2 below details the waste types and Available Waste/Recycling Storage Capacity at the facility.

Table 2: Available Waste/Recycling Storage Capacity

Waste Type	Storage Unit	No. of Units	Storage Capacity per Unit	Total Capacity per Unit
Soil	20 cu. Yard roll on/off skip	1	15 tonne	15 tonne
Rubble	20 cu. Yard roll on/off skip	1	15 tonne	15 tonne
Newsprint	20 cu. Yard roll on/off skip	1	10 tonne	10 tonne
Plastic & Cardboard	40 foot curtain side trailer	1	20 tonne	20 tonne
Metal	40 foot tipper trailer	1	15 tonne	15 tonne
	6 cubic yard skip	3	5 tonne	15 tonne
Wood	40 cu. Yard roll on/off skip	2	10 tonne	10 tonne
Green waste	40 cu. Yard roll on/off skip	1	10 tonne	10 tonne
Glass	10 cu yard bay	3	5 tonne	15 tonne
Residual waste for disposal	40 foot ejector trailer	3	22 tonne	66 tonne
Total storage capacity				201 tonnes

4.8. Internal Access Roads

Site access roads shall be maintained in a satisfactory condition at all times. In dry weather, site roads shall be sprayed with water as and when required in order to minimise airborne dust.

5. SITE INFRASTRUCTURE

5.1. Site Access

Beause the whole site will be on a hard stand area, the site roads are taken to be of the same detail as the hard stand area, i.e. a 300mm layer of compacted hardcore with a 300mm concrete covering.

5.2. Site Security

The site will be surrounded by a 2.4m high chainlink fence on all boundaries of the site except the along the access road.. A 4m high soil berm will be maintained outside the chainlink fence on the northern and western boundaries. The berm will be used as a visual screen from local residences and it will be planted with suitable trees to prevent noise and dust emissions. Trees will also be sown along the eastern and southern boundaries.

During operating hours the site entrance will be supervised by the facility manager. Outside operating hours the gates will be locked and a CCTV system will be put in place.

5.3. Site Facilities

Site facilities include a weighbridge office, manager's office, deputy manager's office, canteen, toilet, a wheel wash, two leachate storage lagoons, a car park, a steel lockable plant shed and a civic amenity facility.

Services on site include ESB, water, sanitary facilities and first aid facilities. The site administrative office is equipped with computers, a modem, a telephone and a fax.

5.4. Lighting

Low-level energy lighting is at the site entrances, the offices, the weighbridge and the civic amenity area lagoon.

5.5. Design & Location of Fuel Storage

A fuel storage area is located on the north-west boundary of the site. It is bounded in a concrete area and has a capacity of more than 110% of the volume of the largest storage tank. The bund capacity is approximately 19,000 gallons and the largest tank capacity is 5000 gallons. The bund has been certified by a chartered engineer.

5.6. Waste Quarantine Area

The waste quarantine area is located inside the transfer building for items such as batteries, fluorescent tubes and unidentified liquids, mainly paints.

5.7. Plant sheds, garages and equipment compound

Mechanical repairs are carried out in the workshop at the southern end of the facility and this is also used to store repair equipment.

Site accommodation includes a small weighbridge cabin which houses the computer to record the weight and details of each load entering and exiting the facility and the docket printing machine. Also on-site are the port-a-cabin for the site office, a port-a-cabin for toilet and staff locker room facilities.

All vehicle parking is located along the western end of the facility.

5.8. Other recovery Infrastructure

External storage bays are located at the facility for storing waste recovered for recycling. Concrete storage bays for soil, rubble green waste and chipped wood are located to the north east of the facility. At the south-west of the waste transfer building there will be bays for glass and scrap metal and also a quarantine area for white and electrical goods.

6. CONTROL OF NUISANCE

6.1. Vehicles

In accordance with Condition x.x a wheel wash will be installed on site. All vehicles leaving the facility must use the dry wheel wash prior to exiting the site. Signs directing vehicles to the wheel wash will be erected. New waste hauliers entering the site will be informed by the weighbridge operator of on-site procedures.

In the event that mud and debris is carried from the site onto the public road the facility manager will arrange that the road be cleaned with the road sweeper. A road cleaner attachment will be purchased and can be used by attaching to

The site roads will be maintained in a clean and tidy state at all times. This will eliminate any potential for soiling of the public road outside the site.

Should the need ever arise that the roads are soiled, a road sweeper vehicles will be employed to rectify the situation.

6.2. Dust

In dry weather all site access roads will be sprayed with a water bowser to suppress dust. To minimise dust generation traffic restrictions on the site will be implemented including a speed limit of 15 mph. Dust deposition monitoring at the site show that present dust emissions are unlikely to cause a nuisance.

However management propose to implement the following mitigation measures:

- Sprinkling water by applying a fine water mist over dusty waste as it's unloaded inside the transfer building
- Covering/dampening any external dusty waste stockpiles of C&D waste
- Sweeping and washing down the transfer building floor regularly
- Using a road sweeper on the facility yard and local road during dry weather

6.3. Litter Control

Operational procedures at the facility will ensure that litter generation will be minimised at all times. Waste will be deposited directly from the delivery vehicle into the hopper/compactor unit. Any waste that escapes will be immediately retrieved and put into the compactor.

Any loose litter that may occur at the site boundary will be collected by the site supervisor on daily litter patrols.

6.4. Odour Control

Operations at the waste transfer facility involve the transfer and compaction of solid waste only. No liquids, agricultural or sewage sludges will be accepted at the site.

Waste accepted at the facility will have generally undergone relatively little decomposition.

The storage of waste in sealed containers following compaction and fast turnaround times on site means that the potential for odour problems arising at the facility will be minimised.

However, in accordance with conditions in the waste licence odour monitoring will be carried out at 2 locations close to the facility.

6.5. Noise

Noise monitoring survey have been carried out to establish background noise levels at a number of locations around the site over the past 2 years as part of the facilities requirements of the Cork County Council waste permits. The results have indicated that the noise emissions do not give rise to concern at neighbouring locations.

Noise monitoring will be carried out annually to determine the impact of activities at the site on ambient noise levels.

All machinery will be maintained to good mechanical order. Machines that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum. A speed restriction of 15 mph on the internal side roads will minimise the noise generated by vehicles travelling within the site.

6.6. Complaints Register

Details of all complaints made by the public will be recorded in a Complaints Register. Complaints can be registered by contacting the facility manager or staff at the site. The register includes the name of the complainant, the nature of the complaint, the date of the complaint and the actions taken to remedy the complaint. The facility manager signs off the completed form. Operational Procedure 9.3 details the recording of complaints.

7. ENVIRONMENTAL MONITORING

Environmental monitoring at the site will be carried out in accordance Schedule F of the waste licence. The following environmental parameters will be monitored:

- Dust
- Noise
- Surface Water
- Groundwater
- Odour

7.1. Dust

Dust deposition levels is recorded three times a year using Bergerhoff gauges, twice during the period May to September.

7.2. Noise

Noise levels will continue to be taken annually. The L_{Aeq} , L_{A10} and L_{A90} are monitored at each location for a thirty-minute duration.

7.3. Surface Water, Groundwater

Surface water, groundwater is monitored as per the licence requirements. Samples will be taken from 2 locations on the Curraheen River, up and downstream of the stormwater discharge point from the facility. These locations will be analysed for biological quality rating. Surface water discharge will be monitored prior to discharge to the Curraheen River.

7.4. Odour Monitoring

Odour monitoring will take place at 2 local dwelling within 300m from the site boundaries annually.

8. PROCEDURES

The following revised procedures will be implemented as part of the EMP to ensure that the objectives of the environmental management system are achieved:

- OP 001 - Corrective Action Procedure
- OP 002 - Awareness and Training Procedure
- OP 003 - Communication Programme
- OP 004 – Emergency Response Procedure

8.1. Corrective Action Procedure

The following procedure will be implemented to ensure that the appropriate corrective action is taken in the event that conditions of the planning permission are not adhered to.

<u>Corrective Action Procedure</u>	<u>Revision</u>	<u>Date: March 2006</u>
Procedure Purpose: To ensure that the appropriate corrective action is taken in the event of an incident on-site		
Scope of procedure: This procedure will apply to all personnel working at the facility		
Personnel involved: Facility Manager and Deputy Managers		
Description of tasks involved with this procedure: <u>1. An Incident Report Sheet will be completed in the event of the following:-</u> <ul style="list-style-type: none">• Any emission which does not comply with the conditions of the waste licence 214-1.• Any emission, which contravenes any relevant standard/limit value etc.• The malfunction of any environmental control system• Any spillage/contamination event• Any emergency situation• Any occurrence with the potential for environmental pollution. <p>2. Each incident should be given a reference number for record tracking reasons.</p> <p>3. The Incident Report Sheet will be completed in as much detail as possible. The sheet will be signed by the Facility Manager (or Deputy Manager in his absence) on completion of all necessary corrective actions / procedure modifications etc.</p> <p>4. All Incident Report Sheets will be filed in the Site Office.</p>		
Expected results from this procedure: In the event of a non-compliance with one of the above, appropriate action will be taken and, if necessary, operational procedures at the site will be modified.		
Documentation related to this procedure: Corrective Action Report Sheet.		
Date of procedure review (and revision where necessary): Annually.		
Person responsible for updating this procedure: Facility Manager		

INCIDENT REPORT/CORRECTIVE ACTION SHEET

Complete ALL subsections with as much detail as necessary (use additional sheets if required).

Number of sheets including this one:

Incident Reference No.

Date	
Incident	
Person responsible for dealing with incident	
Standard Exceeded (if relevant)	
Reasons why it happened	
Actions taken/to be taken	
Details of operational procedures modified as a result of corrective action	

Provisions taken to avoid recurrence of incident	
Has a reply been forwarded to the relevant parties?	
Training/retraining required	
Signed	

8.2. Awareness and Training Procedure

This gives the procedures that will be implemented to ensure that employees' training needs are identified and sufficient and appropriate training is provided.

<u>Awareness and Training Procedure</u>	<i>Revision</i>	<i>Date: March 2006</i>
Procedure purpose: To ensure that training needs are identified and appropriate training is provided for facility personnel.		
Scope of procedure: This procedure will apply to all personnel working at the facility		
Personnel involved: Facility Manager and Deputy Managers		
Description of tasks involved with this procedure: <ul style="list-style-type: none">• The Facility Manager will assess all relevant personnel for the level of training they require based on their roles and responsibilities at the site. This will be done on a yearly basis.• The Facility Manager will arrange that all appropriate training will be provided for site personnel.• All training will be recorded. Training records, including copies of relevant certificates etc., will be maintained on site.		
Expected results from this procedure: All site personnel will be effectively trained to carry out their responsibilities at the site so that the site operates to the highest environmental and safety standards. In addition a designated staff member will be trained in First Aid.		
Documentation related to this procedure: Training Record Sheet		
Date of procedure review (and revision where necessary): Annually.		
Person responsible for updating this procedure: Facility Manager		

TRAINING RECORD SHEET

Name of Employee	Training required	Received (Date)	Details	Signed (by employee & Facility Manager)

8.3. Communication Programme

This procedure describes the implementation of the communication programme. This programme will be implemented to facilitate any interested party in obtaining information concerning the environmental performance of the facility

Communications Procedure	<i>Revision A Date: March 2006</i>
Procedure purpose:	To comply with the waste licence for the facility and to ensure that information relating to the environmental performance of the facility is available to members of the public at all reasonable times.
Scope of procedure applies to:	All personnel working at the facility, Monitoring Personnel and all members of the public or other parties interested in the environmental performance of the facility.
Personnel involved:	Facility Manager
Description of tasks involved with this procedure:	<ol style="list-style-type: none">1. It is the responsibility of the Facility Manager to ensure that information on the facility is available to the public.2. The site notice board will contain general information on the site, including emergency contact numbers. It is the responsibility of the facility Manager to maintain this notice board and keep the information up to date at all times.3. Management will make available at its recognised public display area all correspondence regarding the facility. A public display area will be available at the site office. A member of staff will be appointed to offer assistance to any member of the public if so required.4. All monitoring results of the site, will be available for inspection by the public at the site office.5. A Complaints Register will be kept in the Site Office. This will maintain records of all complaints associated with operations at the site received by the public. All communications of this type will be addressed as quickly and effectively. All complaints/incidents and details of responses to them will be available to the public at the site office.
Expected results from this procedure:	Open lines of communication will be maintained with all interested parties.
Documentation related to this procedure:	Public Complaints Register
Date of procedure review (and revision where necessary):	Annually
Person responsible for updating this procedure:	Facility Manager

COMPLAINTS FORM

Date of Complaint	
Time of Complaint	
Name of Complainant	
Details of the Nature of the Complaint	
Actions taken on foot of Complaint	To date, complaints have been over the phone or in writing.
Results of such actions	
Response made to Complainant	
Signed	

APPENDIX IV

NEWSPAPER ADVERT

Evening Echo Classifieds

Cork 021-4274455
email ads@echo.ie

Planning Notices

City Council: Permission is sought by Finbar for the demolition of existing two storey house and garden sheds the construction of 3 No. flats - one bed in apartment on the 1st and 2nd floors, off street parking for 3 cars at the rear of 369 Ney Street, Cork City. planning application may be inspected or purchased at the offices of the planning authority at City Hall, Cork, Monday - Friday 9.30am - 4pm. A submission in relation to the application may be made in writing to the planning authority on payment of the prescribed fee within the period of 5 weeks beginning the date of receipt by the authority of the application.

County Council: Denis Barron seeks permission for the change of use from retail / health centre (as noted under Council Ref. 1064) to provide up to 3 units for retail service / use and all associated ancillary development works, the first floor of Block B, 10 Fox and Hounds bar premises, Banduff (rural), Ballyvoanoe, Co. Cork. planning application may be inspected, or purchased at the offices of the Planning Authority at a fee not exceeding the reasonable cost of making a copy, during its public opening hours a submission or observation in relation to the application may be made to the Authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the Authority of the application.

NOTICE TO ADVERTISERS

As a condition of acceptance of advertisement orders that the printers do not guarantee the insertion of any particular advertisement specified dates or at all, although every effort will be made to meet wishes of that advertiser. We do not accept liability for any loss or damage caused by error or inaccuracy in the printing of any advertisement, no matter when or where accepted for publication, also to discontinue the publication of any advertisement if it is not published. Each copy of advertisement is carefully checked, occasional mistakes do occur. We therefore ask advertisers to check their advertisements carefully and inform us immediately of any errors. We regret that we cannot accept responsibility for more than ONE incorrect insertion and that publication will be granted in the case of typographical or printing changes which do not affect the value of the advertisement.

Evening Echo

Planning Notices

Cork County Council: Application sought for permission for demolition of existing dwellinghouse & reconstruction to reconstruct dwellinghouse & permission to demolish store & joinery workshop & to construct 5 no. dwellinghouses & associated site works at Mill Street, Timoleague on behalf of John Foley. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority, Norton House, Skibbereen, Co. Cork, during its public opening hours and that a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Clonakilty Town Council: Application sought for permission for change of use of part of medical centre permitted under planning register no. 50010/07 from dispensary unit to pharmacy at Tawnies Lower, Clonakilty on behalf of Yvonne Hayes & Ian Bell. The planning application may be inspected or purchased at the offices of the Planning Authority, Clonakilty Town Council, Kent Street, Clonakilty, Co. Cork, and a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Cork County Council: We CMG Architects, on behalf of Joe Dugan wish to apply for Permission for change of house type and change of site boundary from that granted permission under Planning Permission ref. 066608 and all associated site works at Ballynafarsid, Ahghada, Co. Cork. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of the Planning Authority during its public opening hours and a submission or observation in relation to the application may be made to the Authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Clonakilty Town Council: I John O'Donovan wish to apply for permission to construct 3 no. dwellinghouses at Convent Way, Scartagh, Clonakilty. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of the Planning Authority Clonakilty Town Council, 7 Kent Street, Clonakilty during its public opening hours and that a submission or observation in relation to the application may be made to the Authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the Authority of the application.

Planning Notices

Cork County Council: Jerry O'Sullivan is applying for permission for 14 no. serviced sites for two storey domestic detached dwellings, private site entrances onto public roads and ancillary site developments works comprising connection to mains foul and storm sewers, connection to mains water supply, and all associated site works at Rockspring, Liscarroll, Co. Cork. This application is a variation of previously granted permission ref nos. 04/0152 and 06/8088. The Planning Application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of the Planning Authority during its public opening hours and a submission or observation in relation to the application may be made to the Authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the Authority of the application.

Cork County Council: I, David Burke, intend to apply for Planning Permission and Retention Permission to a) demolish an existing single storey dwelling house, b) permission to construct a split level part two storey part single storey dwelling house and garage and all associated site works including new wastewater treatment system and c) retention of an existing structure for use as an outhouse all at Riverbank, Ballywilliam, Tixason Beg, Kinsale, Co. Cork. This planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority at County Hall, Carrigrohane Road, Cork during its public opening hours (i.e. 9am to 4pm Monday to Friday excluding public holidays). Submissions or observations in relation to the application may be made to the Authority in writing on payment of the prescribed fee of €20 within the period of 5 weeks beginning on the date of receipt by the Authority of the application.

Cork City Council: www.QDMArchitecture.com (021) 4323077 on behalf of Nish Mukerjee intend to apply for permission for the change of use of an existing retail space to use as a restaurant to allow for the expansion of an existing restaurant, modifications to the shopfront and internal alterations at ground floor level at 'Little India' 38 Washington Street (Protected Structure), Cork. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of Cork City Council, City Hall, Cork, during its public opening hours, i.e. 9.30am to 4.30pm Monday to Friday (excluding public holidays). A submission or observation in relation to the application may be made in writing to the planning authority, on payment of the prescribed fee of €20, within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Cork County Council: Application sought for permission to construct dwellinghouse, domestic garage & associated site works at Garraheer, Clonakilty, on behalf of Barry Rayn. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority, Norton House, Skibbereen, Co. Cork, during its public opening hours and that a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Legal Notices

AN GHURT DUICHE
The District Court
LICENSING (IRELAND) ACT,
1833, SECTION 6
NOTICE OF APPLICATION
FOR CERTIFICATE OF
TRANSFER OF
ON-LICENCE
District Court Area
of Cork City
District No. 19
Applicant:
MICHAEL HANNAFIN
Premises:
THE WINDSOR HOTEL,
54/55 MACCARTAIN
STREET, CORK

Take notice that Michael Hannafin of 27 Roche's Row, Cobh, Co. Cork, intends to apply to the District Court Judge at the Cork City Annual Licensing District Court on the 30th day of September, 2008 at 10.30am. for the transfer to him (as Nominee of Michael Hannafin and Ian Hannafin) the licence attached to premises known as The Windsor Hotel, 54/55 MacCartain Street, Cork in the Court area and District aforesaid. Dated this 19th day of September 2008

Signed:
O'SHEA-O'NEILL,
Solicitors for the Applicant,
Church View,
Ballinlough Road,
Ballinlough, Cork.

TO WHOM IT MAY CONCERN

Planning Notices

Cork County Council: We Dan and Marian McSweeney wish to apply for Permission for retention of 2 No. Extensions to an existing dwelling and a storage building at Coolea, Macroom, Co. Cork. The Planning Application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of the Planning Authority during its public opening hours and a submission or observation in relation to the application may be made to the Authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the Authority of the application.

Cork County Council: Application sought for permission to construct dwellinghouse, domestic garage & associated site works at Garraheer, Clonakilty, on behalf of Barry Rayn. The planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy, at the offices of the Planning Authority, Norton House, Skibbereen, Co. Cork, during its public opening hours and that a submission or observation in relation to the application may be made to the authority in writing on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by the authority of the application.

Legal Notices

THE CIRCUIT COURT
Cork Circuit
County Of Cork
In the Matter of
THE LICENSING ACTS
1833 TO 2008
And in the Matter of
THE COURTS
(SUPPLEMENTAL
PROVISIONS) ACT 1961
AND IN THE MATTER OF
THE LICENSING (IRELAND)
ACT 1902 SECTION 2 (1)
AS AMENDED BY THE
INTOXICATING LIQUOR ACT
1960 SECTION 23

And in the Matter of
AN APPLICATION OF
CHRISTY O'SULLIVAN
Applicant
Take notice that Christy O'Sullivan whose place of abode is at Kilmeydie House, Bawnleigh, Ballinhassig in the County of Cork, intends to apply to this Honourable Court sitting at Courthouse, Washington Street in the City of Cork on the 21st October 2008 at 10.30 o'clock in the forenoon or so soon thereafter as this Application may be taken in its order in the Court list for a Certificate entitling and enabling the Applicant to receive a Full Seven-Day Publican's Licence to sell intoxicating liquor by retail for consumption on and off premises known as The Fiddler's Green, 78/79 Thomas Davis Street, in the Parish of St. Anne's Shandon, Blackpool, in the City of Cork which said premises are more particularly described upon drawings accompanying this Application.

Signed:
CHRISTY O'SULLIVAN
Applicant
Signed:
PATRICK BUCKLEY & CO.
5/6 Washington Street West,
Cork
Dated this 17th day of September 2008
To: The County Registrar,
Courthouse,
Washington Street, Cork.
And: The District Court Clerk,
District Court Office,
Courthouse,
Anglesea Street, Cork.
And: The Sergeant in Charge,
Garda Stochana,
Ballinhassig, Co. Cork.
The Sergeant in Charge,
Garda Stochana,
Watercourse Road, Cork.
The Chief Fire Officer,
Cork City Council,
Cork City Hall,
Anglesea Street, Cork

Public Notices



CORK COUNTY COUNCIL

COMHAIRE CONTAE CHORCAI

PUBLIC NOTICE

**PLANNING AND DEVELOPMENT ACTS, 2000-2006
NOTICE OF PROPOSED AMENDMENT
OF THE DRAFT COUNTY DEVELOPMENT
PLAN, 2007
AND
NOTICE OF THE STRATEGIC
ENVIRONMENTAL ASSESSMENT
OF THE PROPOSED AMENDMENT
THIS NOTICE SUPERSEDES PUBLIC NOTICE
DATED 29TH AUGUST, 2008.**

Notice is hereby given, pursuant to Section 12(7) of the Planning & Development Act, 2000, that Cork County Council, being the Planning Authority for Cork County, proposes to amend the Draft County Development Plan. Notice is also hereby given, in accordance with the Planning & Development Regulations, 2001, as amended by the Planning & Development (Strategic Environmental Assessment) Regulations, 2004, that Cork County Council has prepared a report (Strategic Environmental Assessment) on the likely significant effects on the environment of implementing the Proposed Amendment of the Draft Plan. A copy of the Proposed Amendment to the Draft County Development Plan and the Environmental Assessment of the Proposed Amendment may be inspected (each day excluding weekends and public holidays from 9.00am to 4.00pm), during the period FRIDAY, 19TH SEPTEMBER, 2008 TO FRIDAY, 17TH OCTOBER, 2008 (inclusive) at the:

1. Planning Policy Unit, Floor 13, County Hall, Cork and
2. Planning Department, Floor 1, County Hall, Cork.

The Proposed Amendment and Environmental Assessment of the Proposed Amendment will also be available FROM MONDAY, 22ND SEPTEMBER, 2008, at the County Council offices listed below during normal office hours, in the period up to and including FRIDAY, 17TH OCTOBER, 2008:
Ballincellig, Bandon, Bantry, Brlary, Carrigaline, Castletownbere, Charleville, Clonakilty, Douglas (Rochestown Road), Dunamway, Fermoy, Glanmire, Kanturk, Kinsale, Macroom, Mallow, Middleton, Millstreet, Mitchelstown, Newmarket, Schull, Skibbereen and Youghal.

Copies will also be available for inspection FROM MONDAY, 22ND SEPTEMBER, 2008, via the Cork County Library Service. Please check your local library for availability and opening times.

The Proposed Amendment and Environmental Assessment of the Proposed Amendment documents are available for purchase at the Planning Policy Unit, Floor 13, County Hall, Cork, and are also available on the Cork County Council website at www.corkcoco.ie for inspection and download.

Submissions or observations with respect to the Proposed Amendment of the Draft Plan and Environmental Assessment of the Proposed Amendment are hereby invited from members of the public and other interested parties. Any submissions or observations should clearly state whether being made with respect to the Proposed Amendment and/or with respect to the Environmental Assessment of the Proposed Amendment.

Submissions may be made during the period from FRIDAY, 19TH SEPTEMBER, 2008 to FRIDAY, 17TH OCTOBER, 2008 (4PM), in a number of ways listed hereunder:

- Make a formal written submission to the Senior Planner, Planning Policy Unit, Cork County Council, Floor 13, County Hall, Cork
- Make a submission or observation via email to the following email address: amenddraftcdp@corkcoco.ie Submissions or observations made by email must include the full name and address of the person making the submission.

All submissions lodged within the period Friday, 19th September, 2008 to Friday, 17th October, 2008 will be taken into consideration prior to the making of the new County Development Plan. Submissions or observations should quote the relevant paragraph/change number referred to in the amendment documents.

Dated this 19th Day of September, 2008
SIGNED: HEAD OF FORWARD PLANNING & STRATEGIC DEVELOPMENT

Public Notices

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR REVIEW OF WASTE LICENCE

Notice is hereby given in accordance with the provisions of the Waste Management (Licensing) Regulations, 2004 that Ted O' Donoghue & Sons Ltd, Mountain View, Knockpog, Waterfall, Co. Cork (National Grid Reference Number E158750 / N065305), will be applying to the Environmental Protection Agency for the review of existing Waste Licence No. W0147-01 for the premises at the same address. The existing development consists of a transfer station.

The review will encompass proposed increase in waste acceptance tonnages from current limit of 23,000 tonnes to 60,000 tonnes per annum and use of the facility as a civic amenity for public use. The application will be accompanied by an Environmental Impact Statement. In accordance with the third and fourth schedules of the Waste Management Acts 1996 to 2008 the classes of activity concerned are:

- THIRD SCHEDULE:
11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
 12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
 - (Principal) 13. Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than the temporary storage, pending collection, on the premises where the waste concerned is produced.

- FOURTH SCHEDULE:
2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
 3. Recycling or reclamation of metals and metal compounds.
 4. Recycling or reclamation of other inorganic materials.
 13. Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than the temporary storage, pending collection, on the premises where such waste is produced.

A copy of the application for the Waste Licence Review and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application, will, as soon as practicable after receipt by the Agency, be available for inspection or purchase, at the EPA Headquarters, Johnstown Castle Estate, County Wexford.

COMPLETE CLASSIFIED

Classified Advertising is affordable, easy and it works
Call today on
Tel: 021-4274455 Fax: 021-4271017 email: ads@echo.ie

Evening Echo
Complete Your Day

APPENDIX VI

EFFLUENT TREATMENT SYSTEM DETAILS



MAINTENANCE AND CONTINUAL OPERATION

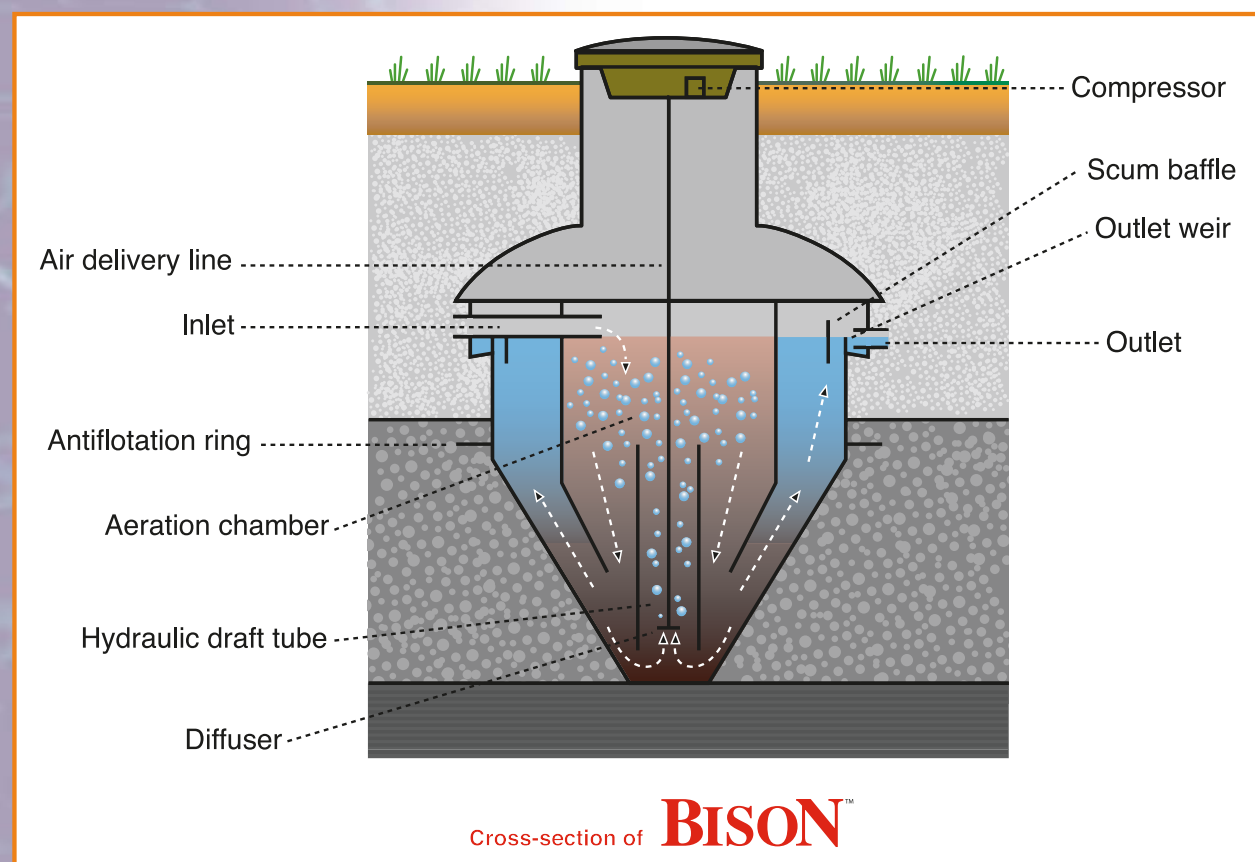
The Bison system has been designed to minimise the amount of maintenance required. There are no internal moving parts to give trouble at any stage after installation. All of our units come with a 24 month warranty on parts, following the date of commissioning.

For increased efficiency E.P.S. recommend the use of phosphate free detergents in the household and grease or fat should not be allowed to enter the plant.

MAINTENANCE CONTRACT

E.P.S. offer full maintenance contracts for all our units which comprise the following:

- One visit annually to inspect and service the system.
- Repair or replace any equipment as per E.P.S. Bison system warranty conditions.
- Provision of full service record to customer.



NETWORK OF BRANCHES

MALLOW, CO. CORK.
 Telephone: 022 31200
 Facsimile: 022 31250

MOUNTRATH, CO. LAOIS.
 Telephone: 0502 32279
 Facsimile: 0502 32518

BALLYHAUNIS, CO. MAYO.
 Telephone: 094 9630226
 Facsimile: 094 9630761

EPS ENVIRONMENTAL LTD.
 COOKSTOWN CO. TYRONE.
 Telephone: 048 86761277
 Facsimile: 048 86767736

E-Mail. bison@epsireland.com - Website. www.epsireland.com

EPS pumping and treatment systems has a policy of continual product development thus the above information may be subject to change without notice.

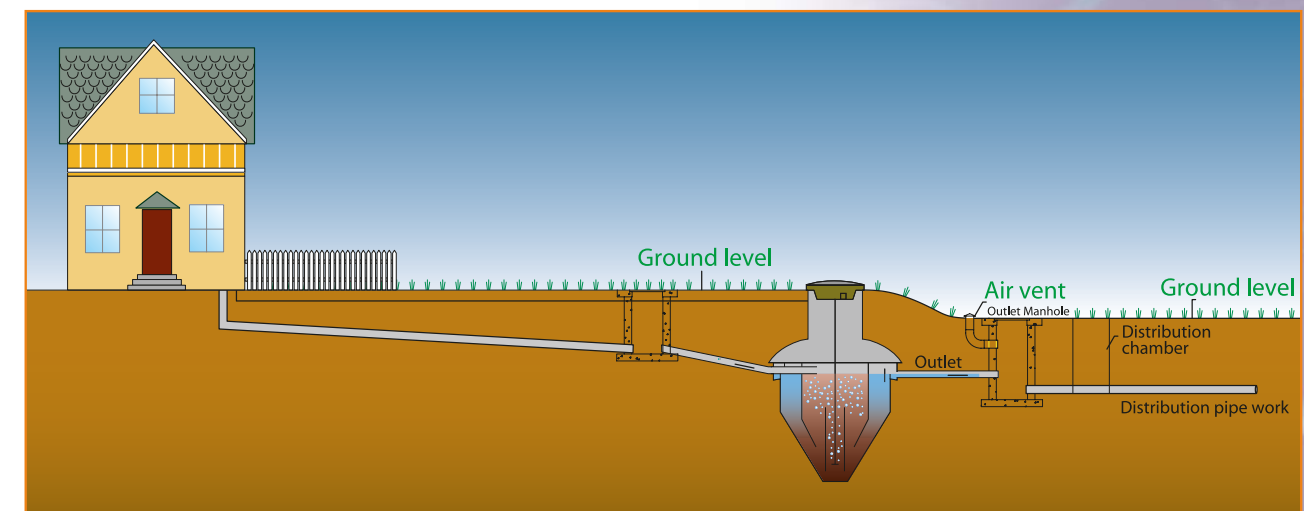


SELECTING BISON™

WHAT'S INVOLVED?

The Bison sewage treatment system for single dwellings is a simple system to install, operate and maintain while also being versatile, robust and durable.

The system is manufactured in Ireland by E.P.S. Pumping & Treatment Systems. The company has over 30 years experience in providing and maintaining pumping and treatment systems in Ireland, the U.K. and other parts of the World. It is with this experience and continued involvement in the Industry that we are providing an advanced, environmentally friendly, cost effective product for our customers.



HOW DOES IT WORK?

The E.P.S. Bison sewage treatment system uses an extended aeration process, which incorporates longer retention times than the conventional activated sludge process and does not need to be preceded by primary settlement. This reduces the need for periodic desludging of any primary settlement tank.

Sewage flows from the home into the inlet section of the system where it mixes with the activated zone within the system. It is here that treatment takes place and from where the solid matter settles to the bottom for digestion and breakdown. Power is required to operate an air blower which aerates the contents of the tank. With the addition of an air supply and simple hydraulics, a continuous recirculation is achieved within the system so as to ensure continued treatment of the incoming sewage. At the same time treated effluent migrates upwards and exits the system at the outlet weir for disposal to a percolation area.

By its nature, an aerated system does not generate the conditions that one normally associates with a septic tank, i.e. obnoxious smells or production of hazardous gases, etc.



CERTIFICATE NO: 02/0147



Pumping & Treatment Systems

a clear message from EPS



SYSTEM SPECIFICATION

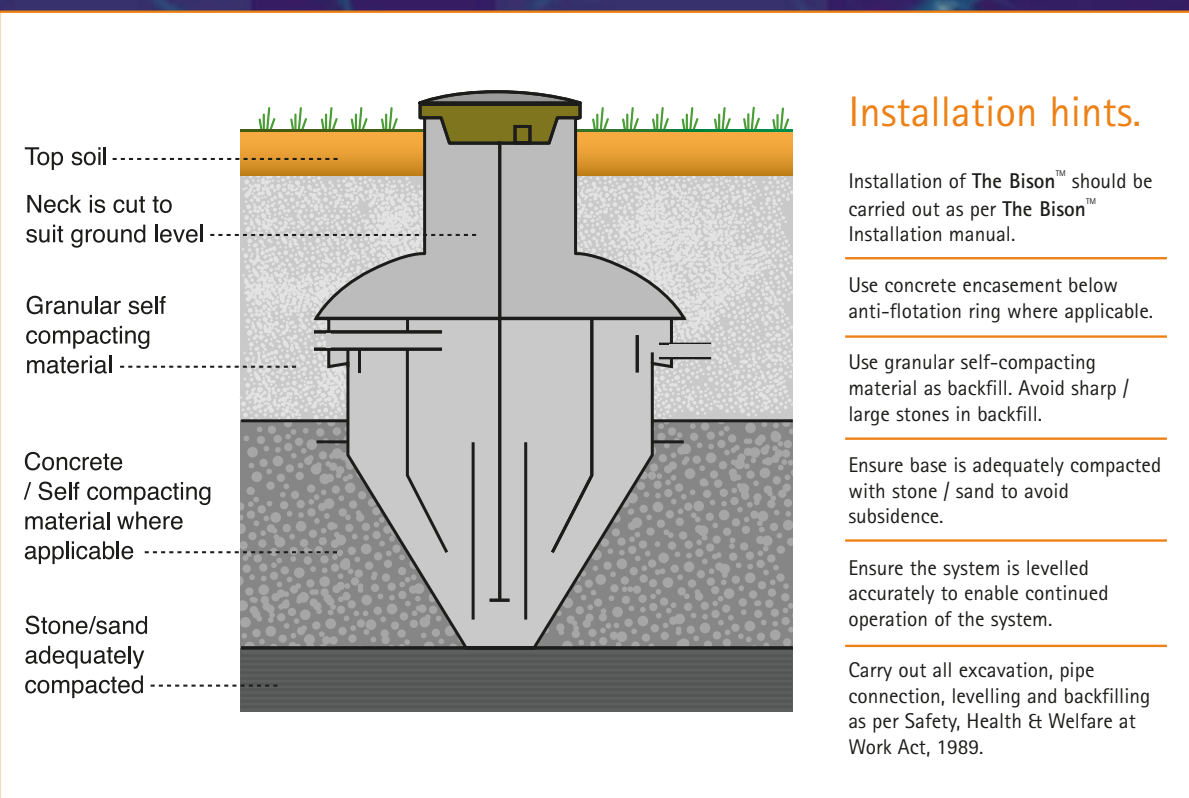
Population Equivalent: 6

Treatment Principle: Extended Aeration

Final Effluent Standard: 20mg / L BOD
30mg / L SS
(Prior to Percolation)

Outside Diameter	1.85mtrs
Capacity Holding	2,271L
Height from Base to Inlet	1.69mtrs
Capacity Treated	1,893L
Height from Base to Outlet	1.59mtrs
Maximum Organic Load	360g BOD/day
Weight Empty	120kg
Maximum Daily Flow	1,200L
Power Consumption	86Watt

* Peak flow must not exceed three times average flow rate for a period of more than half an hour in every two hour period.



Installation hints.

Installation of The Bison™ should be carried out as per The Bison™ Installation manual.

Use concrete encasement below anti-flotation ring where applicable.

Use granular self-compacting material as backfill. Avoid sharp / large stones in backfill.

Ensure base is adequately compacted with stone / sand to avoid subsidence.

Ensure the system is levelled accurately to enable continued operation of the system.

Carry out all excavation, pipe connection, levelling and backfilling as per Safety, Health & Welfare at Work Act, 1989.

Installation Diagram



PERCOLATION AREA

Following treatment final effluent is passed through a percolation area to further treat and polish the effluent prior to discharge to groundwaters.

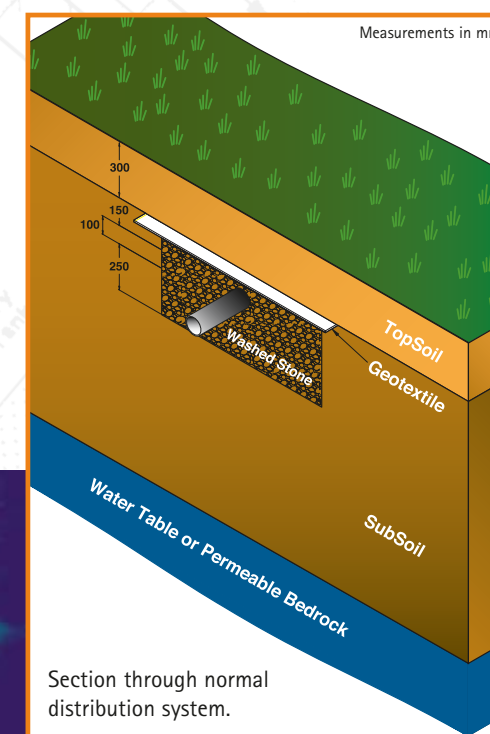
This polishing system can be sized by E.P.S. provided the relevant site/ground type data is supplied.

The system does however need to be installed as per EPA Guidelines.

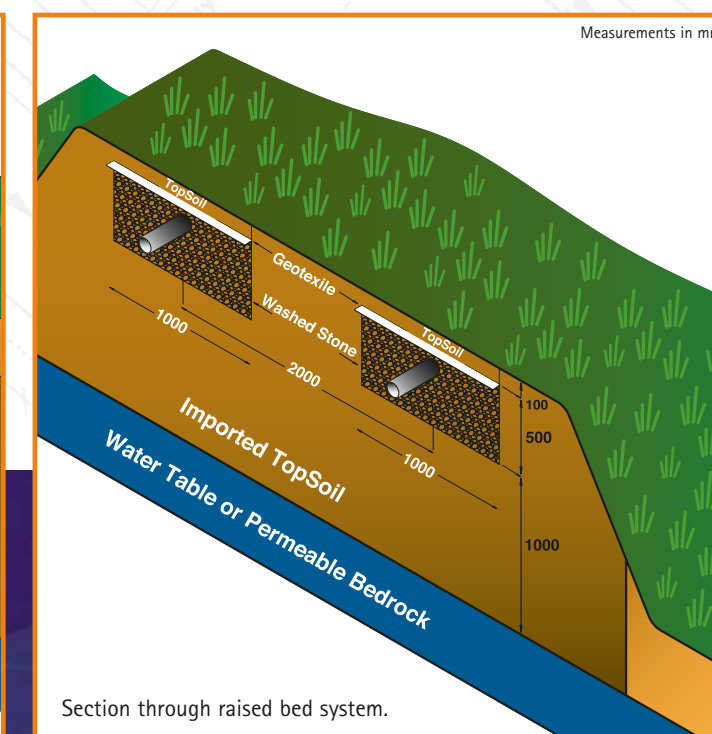
Feature	Recommended Separation Distance (m)	
	Bison System	Percolation Area
Dwelling served	7 ⁽¹⁾	5-10
Adjacent dwelling	7 ⁽¹⁾	5-10
Walls	3 ⁽¹⁾	3
Roads	3 ⁽¹⁾	3
Site Boundaries	3 ⁽¹⁾	3
Drinking Water Sources	10	10-100 ⁽²⁾
Water Course	10	10

(1) The depth of the excavation to accommodate the treatment system must be taken into consideration when determining this distance as it will be governed by the invert depth of the soil pipe where it reaches the treatment system. The separation distance should be such that the excavation does not undermine adjacent buildings, roads or walls. This distance should not be less than 1.5 times the depth of the excavation.

(2) This separation distance should not be less than 10m except in the case of very free draining soils or gravels, where a minimum distance of 40m should be maintained. The disposal area should be "down gradient" of any nearby well. Where it is not possible to locate the disposal area "down gradient" of any well, including those on neighbouring properties, an appropriate separation distance must be maintained ie 100 metres.



Section through normal distribution system.



Section through raised bed system.

APPENDIX VII
EWC CODES REQUIRED

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin of Waste (Houshold, Commercial, Industrial)	Nature of Waste (Haz/ Non. Haz)	Waste Type (European Waste Catalogue Code)	Waste Description	Waste Destination (Facility Name and Address)	(Disposal, Recovery, Landspreading, Composting)
C&D Waste	Non. Haz	170101	Concrete	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170102	Bricks	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170103	Tiles & Ceramics	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170107	Mixture Of Above	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170201	Wood	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170202	Glass	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170203	Plastic	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170401	Copper Bronze Brass	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170402	Aluminium	Ted O Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170403	Lead	Ted O Donoghue & Sons Ltd Cork	Recovery

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin of Waste (Household, Commercial, Industrial)	Nature of Waste (Haz/ Non. Haz)	Waste Type (EWC Code)	Waste Description	Waste Destination (Facility Name and Address)	(Disposal, Recovery, Landspreading, Composting)
C&D Waste	Non. Haz	170404	Zinc	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170405	Iron & Steel	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170506	Tin	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170507	Mixed Metals	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170411	Cables	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170504	Soil & Stone	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170604	Insulation	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170802	Gypsum	Ted O' Donoghue & Sons Ltd Cork	Recovery
C&D Waste	Non. Haz	170904	Mixed C&D	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ Commercial	Non. Haz	200101	Paper-Card	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ commercial	Non. Haz	200201	Biodegradable waste	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ commercial	Non. Haz	200202	Soil & stone	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ commercial	Non. Haz	200203	Non biodegradable	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ commercial	Non. Haz	200301	Mixed municipal	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ commercial	Non. Haz	200302	Waste from markets	Ted O' Donoghue & Sons Ltd Cork	Recovery

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin Of Waste (Houshold, Commercial, Industrial)	Nature Of Waste (Haz/ Non. Haz)	Waste Type (European Waste Catalogue Code)	Waste Description	Waste Destination (Facility Name And Address)	(Disposal, Recovery, Landspreading, Composting)
Household/ Commercial	Non. Haz	200303	Street Cleaning Waste	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ Commercial	Non. Haz	200307	Bulky Waste	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ Commercial	Non. Haz	200399	Mmw Not Specified	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ Commercial	Non. Haz	200128	Paints Inks Adhesives	Ted O' Donoghue & Sons Ltd Cork	Recovery
Household/ Commercial	Non. Haz	200134	Batteries And Accumulators	Ted O' Donoghue & Sons Ltd Cork	Recovery
Commercial	Non. Haz	150101	Paper And Cardboard	Ted O' Donoghue & Sons Ltd Cork	Recovery
Commercial	Non. Haz	150102	Plastic Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery
Commercial	Non. Haz	150103	Wood Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery
Commercial	Non. Haz	150104	Metallic Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery
commercial	Non. Haz	150105	Composite packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin of Waste (Houshold, Commercial, Industrial)	Nature of Waste (Haz/ Non. Haz)	Waste Type (European Waste Catalogue Code)	Waste Description	Waste Destination (Facility Name and Address)	(Disposal, Recovery, Landspreading, Composting)	Licence/Permit Number at destination facility
Commercial	Non. Haz	150106	Mixed Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial	Non. Haz	150107	Glass Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial	Non. Haz	150109	Textile Packaging	Ted O' Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial	Non. Haz	150203	Absorbents	Ted O' Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191201	Paper & Card	Ted O' Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191202	Ferrous Metal	Cork Metal Co Dublin Hill Cork	Recovery	Cks 204/05
Commercial- Industrial	Non. Haz	191203	Non Ferrous Metal	National Recycling Connelly Rd Cork	Recovery	06-07
Commercial- Industrial	Non. Haz	191204	Plastic And Rubber	Bernard O Brien Waterfall Cork	Recovery	Cks437-07
Commercial- Industrial	Non. Haz	191205	Glass	Tullagower Quarries Killrush Co Killdare	Recovery	015/05wptcl
Commercial- Industrial	Non. Haz	191207	Wood	CTO Kinsale Rd Cork	Recovery	Cks12-1

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin of Waste (Houshold, Commercial, Industrial)	Nature of Waste (Haz/ Non. Haz)	Waste Type (European Waste Catalogue Code)	Waste Description	Waste Destination (Facility Name and Address)	(Disposal, Recovery, Landspreading, Composting)	Licence/Permit Number at destination facility
Commercial- Industrial	Non. Haz	191208	Textiles	Ted O Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191209	Minerals	Ted O Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191210	Combustible Waste	Grangers Sawmills Enniskeen Co Cork	Recovery	Po594-02
Commercial- Industrial	Non. Haz	191212	Gypsum Waste	Gypsum Recycling Ireland Ltd Clonee Co Kidare	Recovery	238-2006
Commercial- Industrial	Non. Haz	191302	Solid Waste From Soil	Ted O Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191212	Mixed Municipal Waste	Ted O Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191212	Commercial Waste	Country Clean Churchfield Cork	Recovery	04-04
Commercial- Industrial	Non. Haz	191212	Soil & Stone	Jeremy Lynch Waterfall	Recovery	Cks260/05
Commercial- Industrial	Non. Haz	190801	Screenings	Ted O Donoghue & Sons Ltd Cork	Recovery	W0214-01
Commercial- Industrial	Non. Haz	191212	Green Waste	CTO Midleton	Recovery	Cks283-06

LIST OF WASTE TYPES TO BE ACCEPTED AT THE TED O' DONOGHUE FACILITY

Origin of Waste (Houshold, Commercial, Industrial)	Nature of Waste (Haz/ Non. Haz)	Waste Type (European Waste Catalogue Code)	Waste Description	Waste Destination (Facility Name and Address)	(Disposal, Recovery, Landspreading, Composting)	Licence/Permit Number at destination facility
Commercial-Industrial	Non. Haz	020103	Plant Tissue Waste	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	020106	Animal Faeces Urine Manyre	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	020107	Forestry Exploitation	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	020304 020704	Waste Unsuitable For	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	020501 020601	Consumption Or Processing	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	030105	Sawdust	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	030101	Waste Bark & Cork	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	070955	Leaves Twigs	CTO Midleton	Recovery	Cks283-06
Commercial-Industrial	Non. Haz	190904	Spent acti vated Carbon	CTO Midleton	Recovery	Cks283-06
C&D Waste	Non. Haz	170302	Bituminous Mixtures	Ted O' Donoghue & Sons Ltd Cork	Recovery	Cks283-06

APPENDIX VIII
LETTER TO LOCAL AUTHORITY

Mr. Tadhg McNamara
Planning Department
Cork County Council
County Hall
Cork
16th September 2008

Re: Notification to Local Authority of Application to EPA for Waste Licence Review

Dear Mr. McNamara,

Please be advised that Ted O' Donoghue & Sons Ltd, Knockpoge, Waterfall, Co. Cork is applying to the Environmental Protection Agency, in accordance with the Waste Management Regulations, 2004 and as amended, for a review of Waste Licence (Reg No. W0147-01) in respect to its Waste Transfer Station at the aforementioned address. The National Grid Reference for the activity is EI58750 / NO65305.

The classes of activity in accordance with the Third and Fourth Schedules of the Waste Management Act, 1996 and as amended are:

Principal Activity:

Third Schedule, Class 12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Other Activities

Third Schedule

Class 11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Class 13. Storage prior to submission to any activity referred to in a preceding paragraph of this schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Fourth Schedule

Class 2. Recycling or reclamation of organic substances (including composting and other biological transformation processes) which are not used as solvents.

Class 3: Recycling or reclamation of metals and metal compounds.

Class 4. Recycling or reclamation of other inorganic materials.

Class 13. Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

The review is sought for the increase in waste tonnages at the facility as it is proposed to apply to the EPA to increase the current licensed tonnages from 23,000 to 60,000 tonnes per annum.

As the proposed waste quantities exceed 25,000 tonnes per annum, an environmental impact statement will be submitted to Cork County Council.

The Planning & Development Regulations 2001 indicate when an EIS is required. In this regard *Schedule 5* of the Planning & Development Regulations indicate "*Other Projects: installation for the disposal of waste with an annual intake greater than 25 000 tonnes not included in Part 1 of the Schedule*" also require an EIS (Schedule 5 Part 11(b)).

A copy of the review of the waste licence application, the Environmental Impact Statement and any such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as practicable after receipt by the Agency be available for inspection at the headquarters of the Agency, Johnstown Castle Estate, PO Box 3000, Co. Wexford.

Should you have any queries in relation to this matter, please do not hesitate to contact me.

Yours sincerely,

Patrick Power

Environmental Consultant
For and on behalf of Glenside Environmental Services