



Headquarters, Johnstown Castle Estate,  
Co. Wexford, Ireland.

## INTEGRATED POLLUTION CONTROL LICENCE

<b>Licence Register Number:</b>	203
<b>Licensee:</b>	Earrai Pacala Idirnaisiunta Teoranta
<b>Location of Activity:</b>	Derrybeg Industrial Estate, Letterkenny, Co. Donegal.

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## ***Glossary of Terms***

AER	Annual Environmental Report.
Annually	All or part of a period of twelve consecutive months.
BATNEEC	Best Available Technology Not Entailing Excessive Cost.
Bi-annually	All or part of a period of six consecutive months.
Daily	During all days of plant operation, and in the case of emissions, when emissions are taking place; with no more than 1 measurement on any one day.
Day	Any 24 hr. period.
Daytime	0800 hrs to 2200 hrs.
dB(A)	Decibels (A weighted).
EMP	Environmental Management Programme.
EWC	European Waste Catalogue (94/3/EEC, see also Agency Guidance Note on the EWC)
GC/MS	Gas Chromatography/ Mass Spectroscopy
ICP	Inductively Coupled Plasma Spectroscopy.
IPC	Integrated Pollution Control.
K	Kelvin.
kPa	kilo Pascals.
Lighting-up time	30 minutes after sun set.
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	Donegal County Council.
Monthly	At least 12 times per year at approximately monthly intervals.
Night-time	2200 hrs to 0800 hrs.

PER	Pollution Emission Register.
Standard Methods	As detailed in "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) 19th Ed. 1995, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA.
The Agency	Environmental Protection Agency.
The Licensee	Earrai Pacala Idirnaisiunta Teoranta, Derrybeg Industrial Estate, Letterkenny, Co. Donegal.
Waste disposal operation	Means any of the operations included in the Third Schedule to the Waste Management Act 1996.
Waste recovery operation	Means any of the operations included in the Fourth Schedule to the Waste Management Act 1996.

# Conditions

## Condition 1 Scope

- 1.1 The activity shall be controlled, operated, and maintained and emissions shall take place as set out in this Integrated Pollution Control (IPC) licence. All programmes required to be carried out under the terms of this licence, become part of this licence.
- 1.2 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in a material change or increase in:
- 1.2.1 The nature or quantity of any emission,
  - 1.2.2 The abatement/treatment or recovery systems,
  - 1.2.3 The range of processes to be carried out,
  - 1.2.4 The fuels, raw materials, intermediates, products or wastes generated, or any changes in:
  - 1.2.5 The site management and control with adverse environmental significance shall be carried out or commenced without prior notice to, and without the prior written agreement of, the Agency.
- 1.3 This licence is for the purposes of IPC licensing under the EPA Act, 1992 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.4 Any reference in this licence to 'site' shall mean the plan area highlighted in orange and labelled "Section 2 Boundary", drawing No. D4 43749/D134T947 in the IPC licence application.

*Reason: To clarify the scope of this licence.*

## Condition 2 Management of the Activity

- 2.1 The licensee shall establish and maintain an Environmental Management System (EMS) which shall fulfil the requirements of this licence. The EMS shall assess all operations and review all practicable options for the use of cleaner technology, cleaner production and the reduction and minimisation of waste, and shall include as a minimum those elements specified in the Conditions 2.2 to 2.9 below:
- 2.2 A schedule of Environmental Objectives and Targets
- 2.2.1 The licensee shall prepare a schedule of Environmental Objectives and Targets. The schedule shall include time frames for the achievement of set targets. The schedule shall address a five year period as a minimum. The schedule shall be prepared to the satisfaction of the Agency and shall be submitted to the Agency within four months of date of grant of this licence. The schedule shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER) (Condition 2.9).

2.2.2 The licensee shall have regard to those matters listed in *Schedule 4(i) Recording & Reporting to the Agency* when establishing the schedule of Objectives and Targets.

## 2.3 Environmental Management Programme (EMP)

2.3.1 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 objectives and targets. Once agreed the EMP shall be established and maintained by the licensee. It shall include:

- (i) designation of responsibility for targets;
- (ii) the means by which they may be achieved;
- (iii) 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 2.9).

2.3.2 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.

## 2.4 Pollution Emission Register (PER)

2.4.1 The substances to be included in the PER shall be agreed with the Agency each year by reference to the list specified in the AER guidance note. The PER shall be prepared in accordance with any relevant guidelines issued by the Agency and shall be submitted as part of the AER.

2.4.2 The licensee shall, not later than six months from the date of grant of this licence and thereafter as part of the AER, agree with the Agency the list of substances to be included in the PER, and the methodology to be used in their determination.

## 2.5 Documentation

2.5.1 The licensee shall establish and maintain an environmental management documentation system which shall be to the satisfaction of the Agency.

2.5.2 The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

## 2.6 Corrective Action

2.6.1 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.

## 2.7 Awareness and Training

2.7.1 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.

2.7.2 Personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required.

## 2.8 Responsibilities

2.8.1 The licensee shall ensure that a person in charge, as defined under the terms of the Environmental Protection Agency Act, 1992 shall be available on-site at all times when the activity is in operation. The person in charge shall also be available to meet with authorised persons of the Agency at all reasonable times.

## 2.9 Communications

2.9.1 The licensee shall put in place a programme to ensure that members of the public can obtain information concerning the environmental performance of the licensee at all reasonable times. This programme shall be submitted for agreement to the Agency within six months of the date of grant of this licence.

2.9.2 The licensee shall submit to the Agency, eighteen months from the date of grant of this licence, and each calendar year thereafter, an AER which shall be to the satisfaction of the Agency. This report shall include as a minimum the information specified in *Schedule 4(i) Recording & Reporting to the Agency* and shall be prepared in accordance with any relevant guidelines issued by the Agency.

*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 Interpretation

3.1 Emission limit values for emissions to atmosphere in this licence shall be interpreted in the following way:-

### 3.1.1 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.

### 3.1.2 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.
- 3.2 The concentration limits for emissions to atmosphere specified in this licence shall be based on gas volumes under standard conditions of :-
- 3.2.1 In the case of non-combustion gases:
- (i) Temperature 273K, Pressure 101.3 kPa (no correction for oxygen or water content).
- 3.2.2 In the case of combustion gases:
- (i) Temperature 273K, Pressure 101.3 kPa, dry gas; 3% oxygen for liquid and gas fuels; 6% oxygen for solid fuels.
- 3.3 Noise
- 3.3.1 Sound pressure levels (Leq, 15 minute) measured at the specified distance shall not exceed the emission limit value by more than 2 dB(A).

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

## Condition 4 Notification

- 4.1 The licensee shall notify the Agency by both telephone and facsimile, 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:
- 4.1.1 Any release to atmosphere from any potential emission point.
- 4.1.2 Any emission which does not comply with the requirements of this licence.
- 4.1.3 Any malfunction or breakdown of control equipment or monitoring equipment set out in; *Schedule 1(ii) Monitoring of Emissions to Atmosphere* which is likely to lead to loss of control of the abatement system.
- 4.1.4 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, details of the occurrence, and the steps taken to minimise the emissions and avoid recurrence.
- 4.2 The licensee shall make a record of any incident as set out in Condition 4.1 above. The notification given to the Agency shall include details of the circumstances giving rise to the incident and all actions taken to minimise the effect on the environment and minimise wastes generated.



- 4.3 A summary report of reported incidents shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 4.4 In the event of any incident, as set out in Condition 4.1.4 having taken place, the licensee shall notify the Local Authority as soon as practicable, after such an incident.

*Reason : To provide for the notification of incidents and update information on the activity*

## Condition 5 Emissions to Atmosphere

- 5.1 No specified emission to the atmosphere shall exceed the emission limit value set out in *Schedule 1(i) Emissions to Atmosphere*, subject to Condition 3 of this licence. There shall be no other emission to the atmosphere of environmental significance.
- 5.2 All treatment/abatement control and monitoring equipment shall be calibrated and maintained when in use, in accordance with the information submitted in Table 12(ii) of the IPC licence application or as otherwise approved by the Agency under the EMP.
- 5.3 Monitoring and analyses of each emission shall be carried out as specified in *Schedule 1(ii) Monitoring of Emissions to Atmosphere* of this licence. A report on the results of this monitoring shall be submitted to the Agency monthly.
- 5.4 A summary report of emissions to atmosphere shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 5.5 Boilers shall be operated so as to give a smoke colour less than or equal to shade number 1 on the Ringelmann chart except during periods of start up. Such start up periods shall not exceed 30 minutes in any 24 hour period.
- 5.6 The licensee shall ensure that all operations on-site shall be carried out in a manner such that air emissions and/or odours do not result in significant impairment of, or significant interference with amenities or the environment beyond the site boundary.

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

## Condition 6 Emissions to Sewer

- 6.1 There shall be no emissions to sewer of environmental significance.

*Reason: By way of control, limitation, treatment and monitoring of emissions to provide for the protection of the environment.*

## Condition 7 Waste Management

- 7.1 Disposal or recovery of waste shall take place only as specified *Schedule 2(i) Other Wastes for Disposal/Recovery* of this licence and in accordance with the appropriate National and European legislation and protocols. No other waste shall be disposed of/recovered either on-site or off-site without prior notice to, and prior written agreement of, the Agency.
- 7.2 Waste sent off-site for recovery or disposal shall only be conveyed to a waste contractor, as agreed by the Agency, and only transported from the site of the activity to the site of recovery/disposal in a manner which will not adversely affect the environment.

- 7.3 The licensee shall investigate options for the disposal of waste rags generated from the operation and submit a report on the results of the investigation with recommendations within six months of the date of grant of this licence. Having regard to the findings of the investigation, the licensee shall carry out any measures that the Agency considers necessary and specifies taking account of BATNEEC.
- 7.4 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 as a minimum contain details of the following:
1. The names of the agent and transporter of the waste.
  2. The name of the persons responsible for the ultimate disposal/recovery of the waste.
  3. The ultimate destination of the waste.
  4. The tonnages and EWC Code for the waste materials listed in *Schedule 2(i) Other Wastes for Disposal/Recovery*, sent off-site for disposal/recovery.
  5. Details of any rejected consignments.

A copy of this Waste Management record shall be submitted to the Agency as part of the AER for the site.

*Reason: To provide for the disposal of waste and the protection of the environment.*

## Condition 8 Noise

- 8.1 Emissions shall not exceed the limit value specified in *Schedule 3(i) Noise*, subject to Condition 3 of this licence.
- 8.2 The licensee shall carry out a noise survey of the site operations every two years. The licensee shall consult with the Agency on the timing, nature and extent of the survey and shall develop a survey programme to the satisfaction of the Agency. The survey programme shall be submitted to the Agency in writing at least one month before the survey is to be carried out. A record of the survey results shall be available for inspection by any authorised persons of the Agency, at all reasonable times and a summary report of this record shall be included as part of the AER.

*Reason: To provide for the protection of the environment by control of noise.*

## Condition 9 Non-Process Water

- 9.1 Surface water
- 9.1.1 There shall be no discharge of trade effluent or cooling water to the storm water drains.

## 9.2 Firewater Retention.

- 9.2.1 The licensee shall carry out a risk assessment to determine if the activity should have a fire-water retention facility. The licensee shall submit the assessment and a report to the Agency on the findings and recommendations of the assessment within six months from the date of grant of this licence.
- 9.2.2 In the event that a significant risk exists for the release of contaminated fire-water, the licensee shall, based on the findings of the risk assessment, prepare and implement, with the agreement of the Agency, a suitable risk management programme. The risk management programme shall be fully implemented within three months from date of notification by the Agency.
- 9.2.3 The licensee shall have regard to the Environmental Protection Agency Draft Guidance Note to Industry on the Requirements for Fire-Water Retention Facilities when implementing Conditions 9.2.1 and 9.2.2 above.

## 9.3 Facilities for the Protection of Groundwater and Surface Water

- 9.3.1 All tank and drum storage areas shall be rendered impervious to the materials stored therein. In addition, 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;
- 110% of the capacity of the largest tank or drum within the bunded area
  - 25% of the total volume of substance which could be stored within the bunded area.
- 9.3.2 Drainage from bunded areas shall be diverted for collection and safe disposal. All bunds shall be tested at least once every three years. A report on such tests shall be included in the AER.
- 9.3.3 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 to the satisfaction of the Agency and shall be reported to the Agency within three months from the date of grant of this licence.
- 9.3.4 The loading and unloading of materials shall be carried out in designated areas protected against spillage and leachate run-off. While awaiting disposal, all materials shall be collected and stored in designated areas protected against spillage and leachate run -off.
- 9.3.5 The licensee shall undertake a programme of testing and inspection of underground tanks and pipelines to ensure that all underground effluent and foul sewer pipes are tested at least once every three years. A report on such tests shall be included in the AER.
- 9.3.6 The provision of a catchment system to collect any leaks from flanges and valves of all over ground pipes used to transport material other than water shall be examined. This shall be incorporated into a schedule of objectives and targets for the reduction in fugitive emissions set out in Condition 2.2 of this licence.
- 9.3.7 The licensee shall have in storage an adequate supply of containment booms and suitable absorbent material to contain and absorb any spillage.

*Reason: To provide for the protection of surface waters and groundwater.*

## Condition 10 Monitoring

- 10.1 The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in *Schedule 1(ii) Monitoring of Emissions to Atmosphere* of this licence.
- 10.2 The licensee shall prepare a programme, to the satisfaction of the Agency, for the monitoring of fugitive emissions to air. This programme shall be submitted to the Agency for agreement, within six months of the date of grant of this licence and shall be fully implemented within three months of the date of such approval or such other time as the Agency may allow.
- 10.3 The licensee shall prepare a programme, to the satisfaction of the Agency, for the identification and reduction of fugitive emissions to air. This programme shall be included in the EMP.
- 10.4 Where the ability to measure a parameter is affected by mixing before emission, then, with prior written agreement from the Agency, the parameter may be assessed before mixing takes place.
- 10.5 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.
- 10.6 Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.
- 10.7 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the written agreement of the Agency following evaluation of test results.
- 10.8 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.
- 10.9 The licensee shall provide safe and permanent access to the following sampling and monitoring points:
- 10.9.1 Emission to atmosphere sampling points.
  - 10.9.2 Noise sources on-site.
  - 10.9.3 Waste storage areas on-site.
- and safe access to any other sampling and monitoring points required by the Agency.

*Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions.*

## Condition 11 Recording and Reporting to Agency

- 11.1 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.
- 11.2 The licensee shall record all incidents which affect the normal operation of the activity and which may create an environmental risk.
- 11.3 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. The licensee shall submit a report to the Agency, during the month following such complaints, giving details of any complaints which arise. A summary of the number and nature of complaints received shall be included in the AER.
- 11.4 The format of all records required by this licence shall be to the satisfaction of the Agency. Records shall be retained on-site for a period of not less than seven years and shall be available for inspection by the Agency at all reasonable times.
- 11.5 Reports of all recording, sampling, analyses, measurements, examinations, calibrations and maintenance as set out in *Schedule 4(i) Recording and Reporting to the Agency* of this licence, shall be submitted to the Agency Headquarters as specified in this licence. The format of these reports shall be to the satisfaction of the Agency. One original and three copies shall be submitted as and when specified.
- 11.6 Provision shall also be made for the transfer of environmental information, in relation to this licence, to the Agency's computer system, as may be requested by the Agency.
- 11.7 All reports shall be certified accurate and representative by the licensee's Plant Manager or other senior officer designated by the Plant Manager.
- 11.8 All written procedures controlling operations affecting this licence shall be available on-site for inspection by the Agency at all reasonable times.
- 11.9 The frequency and scope of reporting, as set out in this licence, may be amended with the written agreement of the Agency following evaluation of test results.

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

## Condition 12 Emergency Response

- 12.1 The licensee shall ensure that an 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.

*Reason: To provide for the protection of the environment.*

## Condition 13 Financial Provisions

### 13.1 Agency Charges

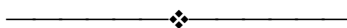
- 13.1.1 The licensee shall pay to the Agency an annual contribution of £2,437, or such other sum as the Agency from time to time determines, towards the cost of monitoring the emissions as the Agency considers necessary for the performance of its functions under the Environmental Protection Agency Act, 1992. The licensee shall in 1999 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Consumer Price Index from the date of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 1998, the licensee shall pay a pro rata amount from the date of this licence to December 31, 1998. This amount shall be paid to the Agency within one month of the date of grant of this licence.

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

### Schedule 1(i) Emissions to Atmosphere

**Emission Point Reference No.:** A6A  
**Location :** Bielloni Printer  
**Volume to be emitted:** Maximum in any one day : 26,160 m<sup>3</sup>  
 Maximum rate per hour : 1,090 m<sup>3</sup>  
**Minimum discharge height:** 6.1 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>	
	Until December 31, 2002	From January 1, 2003
Total Organics	4,000 mg/m <sup>3</sup>	150 mg/m <sup>3</sup>



**Emission Point Reference No.:** A6B  
**Location :** Bielloni Printer  
**Volume to be emitted:** Maximum in any one day : 41,712 m<sup>3</sup>  
 Maximum rate per hour : 1,738 m<sup>3</sup>  
**Minimum discharge height:** 6.1 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>	
	Until December 31, 2002	From January 1, 2003
Total Organics	6,545 mg/m <sup>3</sup>	150 mg/m <sup>3</sup>





**Emission Point Reference No.:** A8  
**Location :** Euroflex  
**Volume to be emitted:** Maximum in any one day : 62,304 m<sup>3</sup>  
 Maximum rate per hour : 2,596 m<sup>3</sup>  
**Minimum discharge height:** 6 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>	
	Until December 31, 2002	From January 1, 2003
Total Organics	3,950 mg/m <sup>3</sup>	150 mg/m <sup>3</sup>



**Emission Point Reference No.:** A9  
**Location :** Mono 1 and mono 2 extruders  
**Volume to be emitted:** Maximum in any one day : 16,920 m<sup>3</sup>  
 Maximum rate per hour : 705 m<sup>3</sup>  
**Minimum discharge height:** 15 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>
Ozone	45 mg/m <sup>3</sup>



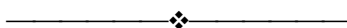
**Emission Point Reference No.:** A 10  
**Location :** Co-Ex 3 extruder  
**Volume to be emitted:** Maximum in any one day : 48,600 m<sup>3</sup>  
 Maximum rate per hour : 2,025 m<sup>3</sup>  
**Minimum discharge height:** 8.8 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>
Ozone	15 mg/m <sup>3</sup>



**Emission Point Reference No.:** A 11  
**Location :** Mono 4 extruder  
**Volume to be emitted:** Maximum in any one day : 113,328 m<sup>3</sup>  
 Maximum rate per hour : 4,722 m<sup>3</sup>  
**Minimum discharge height:** 9.9 m above ground

Parameter	Emission Limit Value <sup>Note 1</sup>
Ozone	35 mg/m <sup>3</sup>

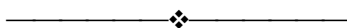


### Schedule 1(ii) Monitoring of Emissions to Atmosphere

**Emission Point Reference No's.:** A6A, A6B and A8

Parameter	Monitoring Frequency	Analysis Method/Technique
Total Organics	Bi-annually*	GC/FID

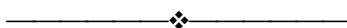
\* When maximum emissions are occurring



**Emission Point Reference No's.:** A 9, A 10 and A 11

Parameter	Monitoring Frequency	Analysis Method/Technique
Ozone	Bi-annually*	Drager tube

\* When maximum emissions are occurring



## **Schedule 2(i) Other Wastes for Disposal/Recovery**

<b>Waste Materials</b>	<b>Further Treatment, Recovery/Recycling On-site<sup>Note1</sup></b>	<b>On-site Reuse<sup>Note1</sup></b>	<b>Method of Disposal/Recovery<sup>Note 2</sup></b>
<b>Waste high density polyethylene film</b>	Clear scrap reclaimed	None	Agreed disposal contractor for printed scrap.
<b>Waste low density polyethylene film</b>	None	None	Agreed disposal contractor.
<b>Waste rags</b>	None	None	Landfill
<b>General waste/scrap</b>	None	None	Landfill
<b>Other<sup>Note 3</sup></b>			

Note 1: The licensee may treat, reuse, recycle or recover waste subject to the prior written agreement of the Agency.

Note 2: Any variation from those contractors named in the IPC Licence application, or subsequent agreements, must have the prior written agreement of the Agency. In such cases where a previously agreed waste contractor is proven not to exercise due care in respect of the transport and disposal of the licensee's waste, the Agency may at any time instruct a licensee to stop using this contractor.

Note 3: No other waste shall be disposed of/recovered off-site without prior notice to, and prior written agreement of the Agency.



## **Schedule 3(i) Noise**

### **Source**

<b>Source Location</b>	<b>Sound Pressure Limit - dB(A)</b>	<b>Reference Distance (m)</b>
<b>Pump house</b>	82.4	1 metre



## **Schedule 4(i) Recording and Reporting to the Agency**

Completed reports shall be submitted to:

The Environmental Protection Agency  
 Headquarters  
 P.O. Box 3000  
 Johnstown Castle Estate  
 Co. Wexford

**or** Any other address as may be specified by the Agency

Reports are required to be forwarded as set out below:

**Recurring Reports:**

Report	Reporting Frequency	Report Submission Date
<b>Monitoring of emissions to atmosphere</b>	Bi-annually	Ten days after end of the period being reported on.
<b>Noise monitoring programme</b>	Every two years	One month prior to survey
<b>Complaints (where these arise)</b>	Monthly	Ten days after end of the month being reported on.
<b>Annual Environment Report(AER)</b>	Annually	Eighteen months from the date of grant of licence and each year thereafter.

Annual Environmental Report Content
Emissions to atmosphere summary.
Waste management report.
Resource consumption summary.
Complaints summary.
Schedule of Environmental Objectives and Targets
Environmental management programme - proposal
Environmental management programme - report
Pollution emission register - proposal
Pollution emission register - report
Report on List I & II substance reductions
Noise monitoring report
Tank and pipeline testing and inspection report
Reported incidents summary
Bund testing report

Items to be Addressed in the Schedule of Objectives & Targets
Use of water based inks
Reduction in the number of emission points to air
Reduction in fugitive emissions



**Once-off Reports:**

Report	Report Submission Date
<b>Programme for public information.</b>	Within six months of the date of grant of licence.
<b>Fire-water retention study.</b>	Within six months of the date of grant of licence.
<b>Bund integrity assessment.</b>	Within three months of the date of grant of licence.
<b>Pollution emission register proposal</b>	Within six months of the date of grant of licence.
<b>Schedule of Environmental Objectives and Targets</b>	Within four months of the date of grant of licence.
<b>Options for the disposal of waste rags report</b>	Within six months of the date of grant of licence.
<b>Environmental management programme proposal.</b>	Six months from the date of grant of licence.

