

## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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MBA Polymers United Kingdom Ltd

Sandy Lane Plastics Reprocessor  
Sandy Lane  
Worksop  
Nottinghamshire  
S80 3ET

Permit number  
EPR/FP3490LN

# Sandy Lane Plastics Reprocessor

## Permit Number EPR/FP3490LN

### Introductory note

#### ***This introductory note does not form a part of the permit***

The main features of the facility are as follows.

The permit allows the acceptance of pre-sorted plastic wastes from fragmented end of life vehicles and other plastics including the dismantling of WEEE. This incoming waste stream is sorted to remove unwanted items like metal, rubber and foam. The remainder is shredded, sorted, washed, graded and extruded to produce different grades of recycled plastic.

The status log of the permit sets out the permitting history, including any changes to the permit reference number

| <b>Status Log of the permit</b> |                         |                 |
|---------------------------------|-------------------------|-----------------|
| <b>Detail</b>                   | <b>Date</b>             | <b>Comments</b> |
| Application FP3490LN/A001       | Duly made<br>06/04/2010 |                 |
| Permit determined               | 02/07/2010              |                 |

End of Introductory Note

## Permit

Permit number

**EPR/FP3490LN**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**MBA Polymers United Kingdom Ltd** ("the operator"),

whose registered office is

**Sandy Lane Plastics Reprocessor**

**Sandy Lane**

**Worksop**

**Nottinghamshire**

**S80 3ET**

company registration number **06455767**

to operate a waste operation at

**Sandy Lane Plastics Reprocessor**


**Sandy Lane**

**Worksop**

**Nottinghamshire**

**S80 3ET**

to the extent authorised by and subject to the conditions of this permit.

| Name  | Date               |
|---|--------------------|
| <b>Ian Brindley</b>  | <b>2 July 2010</b> |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme

## 2 Operations

### 2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### 2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

### 2.3 Operating techniques

- 2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- (b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

### **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;

- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.4 Noise and vibration**

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.3 Monitoring**

3.3.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1

3.3.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

# **4 Information**

## **4.1 Records**

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
    - (i) off-site environmental effects; and
    - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1 using the forms detailed in Schedule 4 Table S4.2.
  - (b) in respect of parameters and emission points detailed in Schedule 3 Table S3.2 report on a regular basis to Severn Trent Water PLC recording the reporting in the site diary.

## **4.3 Notifications**

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit; or
  - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

4.3.5 In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.6 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

## **4.4 Interpretation**

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.



# Schedule 1 - Operations

| Table S1.1 activities  |  |
|--|--|
| Description of activities for waste operations   | Limits of activities   |
| <b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)  |  |
| <b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents<br><br><b>R4:</b> Recycling/reclamation of metals and metal compounds<br><br><b>R5:</b> Recycling/reclamation of other inorganic compounds | Treatment consisting only of manual sorting, separation, screening, baling, shredding, washing, granulation, extrusion and compaction of waste into different components for recovery. |

| Table S1.2 Operating techniques |   |               |
|---------------------------------|---|---------------|
| Description                     | Parts   | Date Received |
| Application                     | Supporting Statement – Environmental Permit application for Plastics Recycling Facility at Sandy Lane, Worksop, S80 3ET by MBA Polymers United Kingdom Ltd dated March 2010 | 30/03/2010    |

## Schedule 2 - Waste types

| <b>Table S2.1 Permitted waste types and quantities</b> |  |
|--|--|
| <b>Maximum quantity</b>                                | The maximum quantity of waste accepted at the site shall be less than 110,000 tonnes per annum   |
| <b>Waste code</b>                                      | <b>Description</b>   |
| <b>07</b>  | <b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>  |
| 07 02  | wastes from the MFSU of plastics, synthetic rubber and man-made fibres   |
| 07 02 13   | waste plastic  |
| <b>12</b>  | <b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>  |
| 12 01  | wastes from shaping and physical and mechanical surface treatment of metals and plastics   |
| 12 01 05   | plastics shavings and turnings   |
| <b>16</b>  | <b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>  |
| 16 01  | end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08) |
| 16 01 19   | plastic  |
| <b>19</b>  | <b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>                     |
| 19 10  | wastes from shredding of metal-containing wastes   |
| 19 10 04   | fluff-light fraction and dust other than those mentioned in 19 10 03   |
| 19 10 06   | other fractions other than those mentioned in 19 10 05   |
| 19 12  | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified   |
| 19 12 04   | plastic and rubber   |
| <b>20</b>  | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>   |
| 20 01  | separately collected fractions (except 15 01)  |
| 20 01 39   | plastics   |

## Schedule 3 – Emissions and monitoring

| <b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b> |                       |  |                               |                         |                             |  |
|---|-----------------------|--|-------------------------------|-------------------------|-----------------------------|--|
| <b>Emission point ref. &amp; location</b>   | <b>Parameter</b>      | <b>Source</b>                                      | <b>Limit (including unit)</b> | <b>Reference period</b> | <b>Monitoring frequency</b> | <b>Monitoring standard or method</b>                                   |
| A1 [Point A1 on site plan in Schedule 7]  | Dust and Particulates | Bag Filters for Dust Extraction Units from Area 2A | 20 mg/m <sup>3</sup>          | Hourly average          | Annually                    | BS EN 13284 - 1<br>Isokinetic sampling and gravimetry                  |
| A2 [Point A2 on site plan in schedule 7]  | Dust and Particulates | Bag Filters for Dust Extraction Units from Area 2B | 20 mg/m <sup>3</sup>          | Hourly average          | Annually                    | BS EN 13284 - 1<br>Isokinetic sampling and gravimetry                  |
| A3 [Point A3 on site plan in schedule 7]  | VOC (as carbon)       | Fume Extraction for extrusion area.                | 550 mg/m <sup>3</sup>         | Hourly average          | Annually                    | BS EN 12619:1999<br>BS EN 13526:2001<br>Permanent access not required. |

| <b>Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements</b> |   |   |   |                                  |   |                                      |
|--|---|---|---|----------------------------------|---|--------------------------------------|
| <b>Emission point ref. &amp; location</b>  | <b>Parameter</b>  | <b>Source</b>                           | <b>Limit (incl. Unit)</b>   | <b>Reference period</b>          | <b>Monitoring frequency</b>   | <b>Monitoring standard or method</b> |
| Water discharge to Severn Trent sewer situated in Sandy Lane Worksop.  | As per the parameters detailed in appendix 1 of Severn Trent Water trade effluent consent 007374V issued on 13 May 2010 | Waste waters from plastic re-processing | 6 litres per second max flow<br><br>No more than 160 m <sup>3</sup> per day | 24-hour flow proportional sample | In accordance with condition 8 of Severn Trent Water trade effluent consent 007374V issued on 13 May 2010 | BS EN ISO 17852                      |

## Schedule 4 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

| <b>Table S4.1 Reporting of monitoring data</b>                    |   |                         |                      |
|---|---|-------------------------|----------------------|
| <b>Parameter</b>  | <b>Emission or monitoring point/reference</b> | <b>Reporting period</b> | <b>Period begins</b> |
| Emissions to air<br>Parameters as required by<br>condition 3.1.1. | A1, A2, A3                                    | Every 12 months         | 1 January            |

| <b>Table S4.2 Reporting forms</b> |  |                     |
|-----------------------------------|--|---------------------|
| <b>Media/parameter</b>            | <b>Reporting format</b>  | <b>Date of form</b> |
| Air                               | Form air 1 or other form as agreed in writing by the<br>Environment Agency | June 2010           |

## Air monitoring report form: Air 1

|                      |   |
|----------------------|---|
| Permit Number        |   |
| Name of operator     | <b>MBA Polymers United Kingdom Ltd</b>  |
| Location of Facility | <b>Sandy Lane Plastics Reprocessor, Sandy Lane, Worksop,<br/>Nottinghamshire, S80 3ET</b> |

| <b>Form Air 1</b>     |                              |                         |                               |                                   | <b>June 2010</b>                               |
|-----------------------|------------------------------|-------------------------|-------------------------------|-----------------------------------|--|
| <b>Emission Point</b> | <b>Parameter Measured</b>    | <b>Date of Sampling</b> | <b>Sample Time in Minutes</b> | <b>Result in mg/m<sup>3</sup></b> | <b>Comments</b>                                |
| <b>A1</b>             | <b>Dust and Particulates</b> |                         |                               |                                   | Limit of 20 mg/m <sup>3</sup> hourly averaged  |
| <b>A2</b>             | <b>Dust and Particulates</b> |                         |                               |                                   | Limit of 20 mg/m <sup>3</sup> hourly averaged  |
| <b>A3</b>             | <b>VOC (as carbon)</b>       |                         |                               |                                   | Limit of 550 mg/m <sup>3</sup> hourly averaged |

# Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

|                                |   |
|--------------------------------|---|
| Permit Number                  |   |
| Name of operator               | <b>MBA Polymers United Kingdom Ltd</b>  |
| Location of Facility           | <b>Sandy Lane Plastics Reprocessor, Sandy Lane, Worksop, Nottinghamshire, S80 3ET</b> |
| Time and date of the detection |   |

**(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution**

**To be notified within 24 hours of detection**

|  |  |
|--|--|
| Date and time of the event                                       |  |
| Reference or description of the location of the event            |  |
| Description of where any release into the environment took place |  |
| Substances(s) potentially released                               |  |
| Best estimate of the quantity or rate of release of substances   |  |
| Measures taken, or intended to be taken, to stop any emission    |  |
| Description of the failure or accident.                          |  |

**(b) Notification requirements for the breach of a limit**

**To be notified within 24 hours of detection unless otherwise specified below**

|   |  |
|---|--|
| Emission point reference/ source                              |  |
| Parameter(s)  |  |
| Limit   |  |
| Measured value and uncertainty                                |  |
| Date and time of monitoring                                   |  |
| Measures taken, or intended to be taken, to stop the emission |  |

| <b>Time periods for notification following detection of a breach of a limit</b> |                            |
|---|----------------------------|
| <b>Parameter</b>  | <b>Notification period</b> |
|   |                            |
|   |                            |
|   |                            |

| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b> |  |
|--|--|
| <b>To be notified within 24 hours of detection</b>   |  |
| Description of where the effect on the environment was detected  |  |
| Substances(s) detected   |  |
| Concentrations of substances detected  |  |
| Date of monitoring/sampling  |  |

**Part B - to be submitted as soon as practicable**

|  |  |
|--|--|
| Any more accurate information on the matters for notification under Part A.  |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident   |  |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission |  |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.  |  |

|                  |  |
|------------------|--|
| <b>Name*</b>     |  |
| <b>Post</b>      |  |
| <b>Signature</b> |  |
| <b>Date</b>      |  |

\* authorised to sign on behalf of MBA Polymers United Kingdom Ltd

## Schedule 6 - Interpretation

*“accident”* means an accident that may result in pollution.

*“Annex IIA”* means Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

*“annually”* means once every year.

*“application”* means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

*“authorised officer”* means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

*“EP Regulations”* means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

*“emissions of substances not controlled by emission limits”* means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit..

*“groundwater”* means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

*“MCERTS”* means the Environment Agency’s Monitoring Certification Scheme.

*“quarter”* means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

*“R”* means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

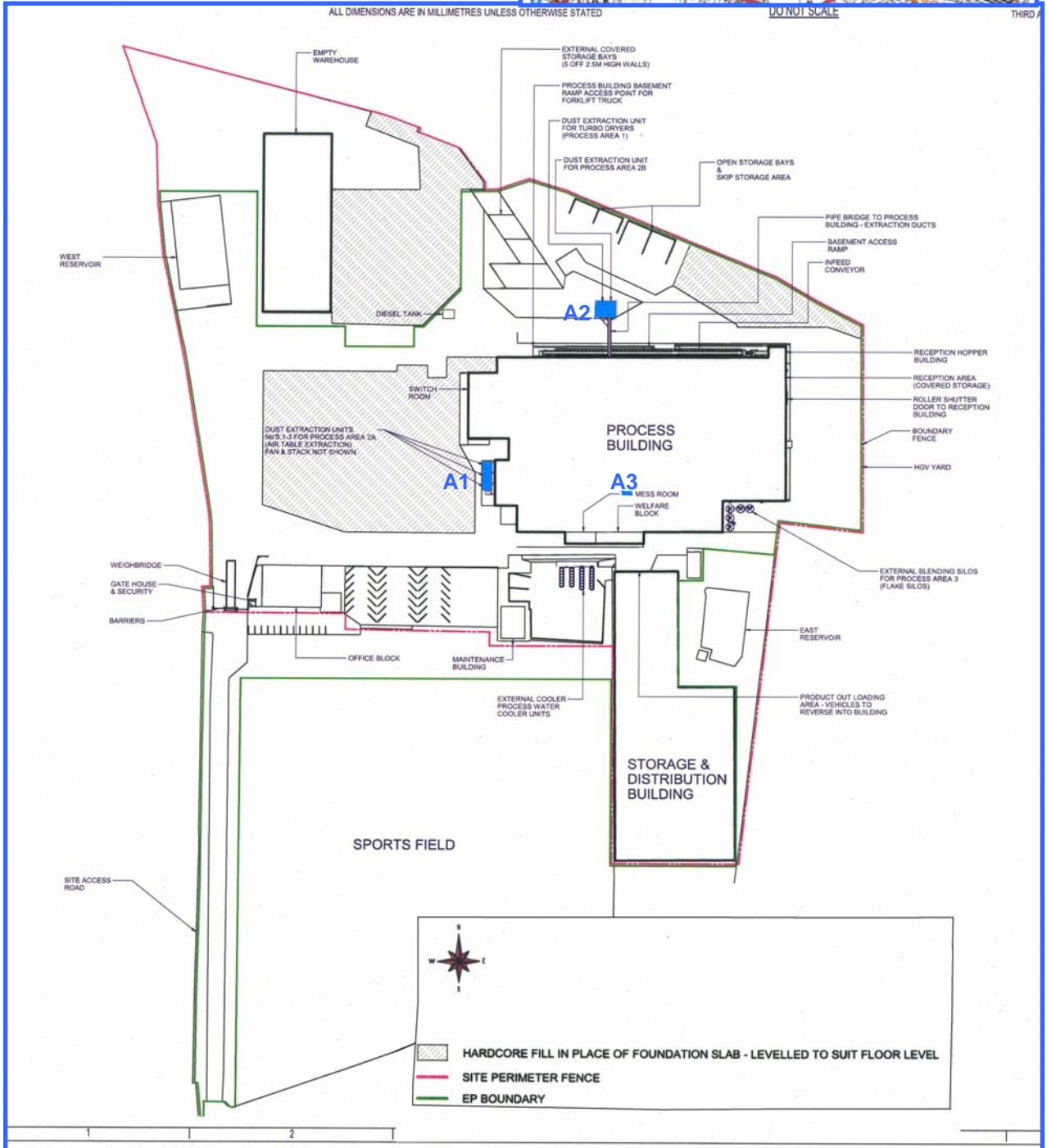
*“Waste code”* means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

*“year”* means calendar year ending 31 December.



# Schedule 7 - Site plan

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Environment Agency, 100026380, 2010.



END OF PERMIT