

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Inter Terminals Immingham Limited

Immingham East Terminal
East Riverside
Immingham Dock
Immingham
Lincolnshire
DN40 2QW

Variation application number

EPR/LP3024XB/V004

Permit number

EPR/LP3024XB

Immingham East Terminal

Permit number EPR/LP3024XB

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

This Variation is to enable the Operator to extend its storage capacity to include both hazardous and non-hazardous waste oils, waste chemicals and two-phase oil/water mixtures for separation, disposal of the decanted water via the existing Effluent Treatment Plant and off-site recovery or disposal of the residual oils.

There will be an increased annual throughput of wastes to a total of 650,000 tonnes. This will be made up of 450,000 tonnes of hazardous wastes and 200,000 tonnes of non-hazardous wastes. The maximum storage of these wastes shall not exceed 165,000 on site at any one time, and the maximum storage time of these wastes shall not exceed from 6 months as described in Sector Guidance Note S5.06: Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, unless agreed in writing with the Environment Agency. The increased throughput and storage will require an increase in the permitted area of the site, this will form a new bunded area "Bund P".

With regards to the on-site Effluent Treatment Plant, there is no change to the throughput or emission limit values currently set in the existing Permit, as the plant was originally designed and assessed by the Environment Agency with sufficient spare capacity.

Two additional waste EWC codes are authorised by this Variation:

01 05 08 Chloride-containing drilling muds and wastes

06 08 02* Waste containing hazardous chlorosilanes

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application received	Duly made 16/06/11	Application for discharge of trade effluent consisting of treated admixture of sewage site drainage and pipe wash waters, via Outlet 1.
Permit determined EPR/LP3024XB	01/02/12	Permit issued to Immingham Storage Company Limited.
Application EPR/LP3024XB/V002 (variation and consolidation)	Duly made 04/04/13	Application to vary and update the permit to modern conditions.
Additional information received	17/06/13 by email	Further information regarding management and monitoring of the waste water treatment plant.

Status log of the permit		
Description	Date	Comments
Variation determined EPR/LP3024XB	25/06/13	Varied and consolidated Permit issued in modern condition format.
Notified of change of company name EPR/LP3024XB/V003	17/08/15	Company name changed to Inter Terminals Immingham Limited
Variation determined EPR/LP3024XB	20/10/15	Varied Permit issued to Inter Terminals Immingham Limited.
Application EPR/LP3024XB/V004 (variation and consolidation)	Duly made 22/08/16	Application to vary throughput and on-site storage of both hazardous and non-hazardous wastes and the addition of two further waste EWC codes.
Response to Schedule 5 request for further information dated	21/11/16	GOP and Site condition report and discharge data.
Response to Schedule 5 request for further information dated	19/12/16	Confirmation of tank valve types, Management System update, types and volumes of wastes including storage capacity, site plan and drainage and BAT confirmation for new area.
Response to email for further information	06/01/17	Confirmation of when vapour balancing is used for VOC wastes
Variation determined EPR/LP3024XB	26/01/17	Varied and consolidated permit issued.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/LP3024XB

Issued to

Inter Terminals Immingham Limited ("the operator")

whose registered office is

**Priory House
60 Station Road
Redhill
RH1 1PE**

company registration number 00244414

to operate a regulated facility at

**Immingham East Terminal
East Riverside
Immingham Dock
Immingham
Lincolnshire
DN40 2QW**

to the extent set out in the schedules.

The notice shall take effect from 26/01/2017

Name	Date
J Linton	26/01/2017

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions and tables were varied as a result of the application made by the operator:

- Condition 1.2.1 to amend activity references
- Condition 1.3.1 to amend activity references
- Table S1.1 is amended to incorporate the additional throughput and has resulted in the addition of listed activity S5.4 A(1)(a)(1) Biological Treatment of non-hazardous waste at a capacity of >50 tonnes per day
- Table S1.2 Operations which has been updated to include operating techniques associated with variation application V004
- Table S2.2 and S2.3 which have been updated to include an additional 2 waste codes and reference to increased storage capacities
- Table S3.1 has been amended to correct a spelling error
- Schedule 7 has been amended to include a revised site plan which incorporates 'Bund P'

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/LP3024XB

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/LP3024XB/V004 authorising,

Inter Terminals Immingham Limited (“the operator”),

whose registered office is

**Priory House
60 Station Road
Redhill
RH1 1PE**

company registration number 0044414

to operate an installation at

**Immingham East Terminal
East Riverside
Immingham Dock
Immingham
Lincolnshire
DN40 2QW**

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

Name	Date
J Linton	26/01/2017

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, closure 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 [or other approval issued by the Environment Agency.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR4). The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

- 1.3.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR4). The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

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”).

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

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 or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, 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 tables S2.2 and S2.3; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

Hazardous waste storage and treatment

2.3.5 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

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 table S3.1.

3.1.2 The limits given in schedule 3 shall not be exceeded.

- 3.1.3 Where a substance is specified in schedule 3 table S3.1 but no limit is set for it, the concentration of such substance in emissions to water from the relevant emission point shall be no greater than the background concentration.
- 3.1.4 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 3.1.5 Unless the concentration is specifically regulated by condition 3.1.2 and appears in table S3.1 of this permit, the concentration of a List 1 Substance (as defined in the Dangerous Substances Directive 2006/11/EC) and a Priority Substance, (as defined in the River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive)(England and Wales) Direction 2010, Part 5 of Schedule), in the discharge shall not exceed that specified for that substance in the "Priority Substances and List 1 General Standards" in schedule 3B of this permit.
- 3.1.6 Unless the concentration is specifically regulated by condition 3.1.2 and appears in table S3.1 of this permit, the discharge shall not contain a concentration of any List 2 Substance (as defined in the Dangerous Substances Directive 2006/11/EC) or Specific Pollutant (as defined in the River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive)(England and Wales) Direction 2010, Part 4 of Schedule) such as to cause any relevant Environmental Quality Standards, set out in DOE Circular 007/89, SI 1997 No 2560 and SI 1998 No 389 or River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive)(England and Wales) Directions 2010, Part 4 of Schedule, to be exceeded in the receiving water.

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 which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (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 which identifies and minimises the risks of pollution from odour;
 - (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 which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 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 table S3.1.
- 3.5.2 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.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.1 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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production /treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 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;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 ; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 4.2.5 Within 1 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.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
- (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.4 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
- 4.3.5 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.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

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			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.3A1 (a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving	(i) Biological treatment Treatment of hazardous waste water for the purpose of disposal (D8) Discharge of trade effluent consisting of a treated admixture of sewage site drainage, separated water from wastes listed in Table 2.2 and pipe wash waters, via Outlet 1.	Hazardous waste types as specified in table S2.2 Treatment capacity of 180,000 tpa.
AR2		(ii) Physico-chemical treatment Treatment by separation of hazardous two phase waste/water mixtures for the purpose of recovery of the non-water phase (R3)	Hazardous waste types as specified in table S2.2 Treatment capacity of 180,000 tpa.
AR3	S5.6 A1 (a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes	Storage of hazardous waste (D15, R13)	Storage of hazardous waste pending treatment and transfer for disposal and recovery. Hazardous waste types and storage capacity as specified in Table S2.3 Maximum storage time of these wastes shall not exceed 6 months, unless agreed in writing with the Environment Agency.
AR4	S5.4 A1(a) Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day	(i) Biological treatment Treatment of non-hazardous water in an Effluent Treatment Plant for the purposes of disposal (D8)	Non-hazardous waste types and quantities as specified in table S2.2 Treatment capacity of 80,000 tpa.
Activity reference	Description of activities for waste operations	Limits of activities	
AR5	<u>Non-Hazardous Waste Transfer Station</u> R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt, storage and redelivery of non-hazardous waste for disposal or recovery. Storage of all wastes should be in bunded containers on impermeable ground. Storage capacity of 45,000 tonnes at any one time. Non-hazardous waste types as specified in Table S2.3	
AR6	R3: Recycling/reclamation of organic substance which are not used as solvents	Treatment operations shall be limited to:	

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Treatment of non-hazardous waste for the removal of water from waste/water mixtures via gravity separation, with a treatment capacity of 80,000 tpa. Non-hazardous waste site storage capacity of 45,000 tonnes at any one time. Storage of all wastes shall be carried out on impermeable ground with sealed drainage. Non-hazardous waste types as specified in Table S2.2.	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/LP3024XB/A001	All Parts	16/06/2011
Application EPR/LP3024XB/V002	All Parts and all supporting documentation.	04/04/2013
Additional Information	Site drain plan, accident management plan and bund sizing clarification.	15/05/2013
Additional Information	Procedures for; tank cleaning, waste disposal and disposal of controlled waste.	31/05/2013
Additional Information	Revised management and monitoring procedures document reference IEWP-3.	17/06/2013 by Email
Application EPR/LP3024XB/V004	General Operations Procedure received in 'supporting documents' for variation application	14/04/2016
Additional Information	ES-044 Revision 8 - Preface overview and definition for the use and implementation of the on-site emergency action plan SP-IE-014 vs 2.0 - Safety procedure – East Terminal Safety Regulations SP-IE-032 vs 1.0 – Safety Procedure – Emergency Action Plan SP-IE-049 vs 1.0 – Safety Procedure – Explosion Protection Document	11/08/2016
Response to Schedule 5 Notice (2) dated 15/12/16	Response to questions 1 and 4 (a to g)	19/12/2016
Response to email dated 06/01/17	Details of when vapour balancing is used	06/01/17

Schedule 2 - Waste types, raw materials and fuels

Raw materials and fuel description	Specification
-	-

Table S2.2 Permitted waste types and quantities for Disposal or recovery of hazardous and non-hazardous waste with a capacity exceeding 10 tonnes per day including biological and physico-chemical treatment

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste)
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 08	wastes from the MFSU of silicon and silicon derivatives
06 08 02*	Wastes containing hazardous chlorosilanes
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	aqueous washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	aqueous washing liquids and mother liquors
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	aqueous washing liquids and mother liquors
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors

Table S2.2 Permitted waste types and quantities for Disposal or recovery of hazardous and non-hazardous waste with a capacity exceeding 10 tonnes per day including biological and physico-chemical treatment

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste)
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 03	wastes from MFSU of printing inks
08 03 08	aqueous liquid waste containing ink
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 17*	rosin oil
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 11*	aqueous rinsing liquids containing dangerous substances
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11

Table S2.2 Permitted waste types and quantities for Disposal or recovery of hazardous and non-hazardous waste with a capacity exceeding 10 tonnes per day including biological and physico-chemical treatment

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste)
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 02*	petrol

Table S2.2 Permitted waste types and quantities for Disposal or recovery of hazardous and non-hazardous waste with a capacity exceeding 10 tonnes per day including biological and physico-chemical treatment	
Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste)
13 07 03*	other fuels (including mixtures)
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
19	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
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 07	landfill leachate
19 07 02*	landfill leachate containing dangerous substances
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	wastes from waste water treatment plants not otherwise specified
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes
19 13	wastes from soil and groundwater remediation
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	Wastes from mineral excavation
01 01 02	Wastes from mineral non-metalliferous excavation
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 08*	agrochemical waste containing dangerous substances
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	animal-tissue waste
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 02	wastes from wood preservation
03 02 01*	non-halogenated organic wood preservatives
03 02 02*	organochlorinated wood preservatives
03 02 03*	organometallic wood preservatives
03 02 04*	inorganic wood preservatives
03 02 05*	other wood preservatives containing dangerous substances
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 03*	degreasing wastes containing solvents without a liquid phase
04 02	wastes from the textile industry
04 02 10	organic matter from natural products (for example grease, wax)
04 02 14*	wastes from finishing containing organic solvents
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 16*	dyestuffs and pigments containing dangerous substances
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 12*	oil containing acids
05 01 14	wastes from cooling columns
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 03*	hydrofluoric acid
06 01 04*	phosphoric and phosphorous acid
06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
06 02	wastes from the MFSU of bases
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 11*	solid salts and solutions containing cyanides
06 03 13*	solid salts and solutions containing heavy metals
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 03*	wastes containing arsenic
06 04 04*	wastes containing mercury
06 04 05*	wastes containing other heavy metals
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes
06 06 02*	wastes containing dangerous sulphides
06 06 03	Wastes containing sulphides other than those mentioned in 06 06 02
06 07	wastes from the MFSU of halogens and halogen chemical processes
06 07 04*	solutions and acids, for example contact acid
06 08	wastes from the MFSU of silicon and silicon derivatives
06 08 02*	waste containing hazardous chlorosilanes
06 09	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances
06 09 04	Calcium-based reaction wastes other than those mentioned in 06 09 03

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
06 10	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture
06 10 02*	wastes containing dangerous substances
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 07*	halogenated still bottoms and reaction residues
07 01 08*	other still bottoms and reaction residues
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 01*	aqueous washing liquids and mother liquors
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 02 07*	halogenated still bottoms and reaction residues
07 02 08*	other still bottoms and reaction residues
07 02 14*	wastes from additives containing dangerous substances
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 16*	wastes containing dangerous silicones
07 02 17	wastes containing silicones other than those mentioned in 07 02 16
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquors
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 05 03*	organic halogenated solvents, washing liquids and mother liquors

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
07 05 04*	other organic solvents, washing liquids and mother liquors
07 05 07*	halogenated still bottoms and reaction residues
07 05 08*	other still bottoms and reaction residues
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors
07 06 03*	organic halogenated solvents, washing liquids and mother liquors
07 06 04*	other organic solvents, washing liquids and mother liquors
07 06 07*	halogenated still bottoms and reaction residues
07 06 08*	other still bottoms and reaction residues
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01*	aqueous washing liquids and mother liquors
07 07 03*	organic halogenated solvents, washing liquids and mother liquors
07 07 04*	other organic solvents, washing liquids and mother liquors
07 07 07*	halogenated still bottoms and reaction residues
07 07 08*	other still bottoms and reaction residues
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 01 21*	waste paint or varnish remover
08 03	wastes from MFSU of printing inks
08 03 08	aqueous liquid waste containing ink
08 03 12*	waste ink containing dangerous substances
08 03 13	waste ink containing dangerous substances
08 03 16*	waste etching solutions
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
08 04 17*	rosin oil

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
08 05	wastes not otherwise specified in 08
08 05 01*	waste isocyanates
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 09*	sulphuric acid
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 05*	pickling acids
11 01 06*	acids not otherwise specified
11 01 07*	pickling bases
11 01 11*	aqueous rinsing liquids containing dangerous substances
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 13*	degreasing wastes containing dangerous substances
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 01 16*	saturated or spent ion exchange resins
11 01 98*	other wastes containing dangerous substances
11 02	wastes from non-ferrous hydrometallurgical processes
11 02 07*	other wastes containing dangerous substances
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 01*	chlorofluorocarbons, HCFC, HFC
14 06 02*	other halogenated solvents and solvent mixtures
14 06 03*	other solvents and solvent mixtures
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
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 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing dangerous substances

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
16 06	batteries and accumulators
16 06 06*	separately collected electrolyte from batteries and accumulators
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 07 09*	wastes containing other dangerous substances
16 08	spent catalysts
16 08 06*	spent liquids used as catalysts
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates other than those mentioned in 16 10 03
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 05*	chemicals consisting of or containing dangerous substances
18 02 06	chemicals other than those mentioned in 18 02 05
19	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
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 02 11*	other wastes containing dangerous substances
19 06	wastes from anaerobic treatment of waste
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 07	landfill leachate
19 07 02*	landfill leachate containing dangerous substances
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08	wastes from waste water treatment plants not otherwise specified
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09

Table S2.3 Permitted waste types and quantities for temporary storage of hazardous and non-hazardous waste with a total capacity exceeding 50 tonnes

Maximum quantity	650,000 tonnes (total maximum throughput of combined tonnages of Tables S2.2 and S2.3) waste per annum (450,000 tonnes hazardous waste, 200,000 tonnes of non-hazardous waste) Storage of wastes at any one time is limited to 165,000 tonnes (120,000 tonnes hazardous waste, 45,000 tonnes of non-hazardous waste).
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
19 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes
19 11 04*	wastes from cleaning of fuel with bases
19 13	wastes from soil and groundwater remediation
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 19*	pesticides
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 29*	detergents containing dangerous substances
20 01 30	detergents other than those mentioned in 20 01 29

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1. Effluent plant discharge point via Outlet 1 to River Humber (tidal)	Maximum daily discharge volume	Treated mixture of sewage, site drainage, water separated from hazardous and non-hazardous wastes and pipe wash waters	720 m ³ /day	Total daily volume	Daily	Mcerts approved calibrated flow meter
	ATU-BOD as O ₂		100 mg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Ammoniacal Nitrogen (Expressed as N)		100 mg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Suspended solids (measured after drying at 105°C)		200 mg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Carbon Tetrachloride		36 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Chloroform		36 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	1-2 Dichloromethane		30 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Mercury		0.9 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Tetrachloroethylene		30 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Trichloroethylene		30 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
	Benzene		50 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Copper		50 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Chromium		32 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Iron		5 mg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Lead		25 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Nickel		200 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Phenol		80 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Toluene		400 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Styrene		500 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Xylene		300 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
	Zinc		400 µg/l	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	pH		6 to 9	Instantaneous (spot sample)	Monthly	Laboratory accredited to UKAS standard ISO/ICE EN 17025:2005
	Visible oil or grease		No significant trace present	Instantaneous (spot sample)	Monthly	Visual

Schedule 3B - List I General Standards

List I General Standards	
Substance	Limit Total Concentration (ug/l) Other Surface Waters
Alachlor	0.6
Anthracene	0.2
Atrazine	1.2
Brominated Diphenylether	0.001
Cadmium List 1	0.4
C10 to 13 Chloroalkanes	0.8
Chlorfenvinphos	0.2
Chlorpyrifos	0.06
Aldrin Dieldrin Endrin Isodrin List 1	Sum of 0.02
DDT total List 1	0.05
Para DDT List 1	0.02
Dichloromethane	40
Di(2-ethylhexyl) -Phthallate	2.6
Diuron	0.4
Endosulphan	0.01
Fluoranthene	0.2
Hexachloro-benzene	0.02
Hexachloro-butadiene	0.2
Hexachloro-cyclohexane List 1	0.04 (0.004 other surface waters)
Isoproturon	0.6
Naphthalene	4.8 (2.4 other surface waters)
Nickel and its compounds	40
Nonylphenol (4-Nonylphenol)	0.6
Octylphenol ((4-(1,1',3,3'- tetramethylbutyl)-phenol))	0.2 (0.02 other surface waters)
Pentachloro-benzene	0.014 (0.0014 other surface waters)
Pentachloro-phenol List 1	0.8
Polyaromatic Hydrocarbons (PAH) ^(viii)	N/A
Benzo(a)pyrene	0.1
Benzo(b)fluor-anthene	Sum 0.06
Benzo(k)fluor-anthene	
Benzo(g,h,i)-perylene	Sum 0.004
Indeno(1,2,3-cd)-pyrene	
Simazine	2
Tributyltin compounds (Tributyltin-cation)	0.0004
Trichloro-benzenes List 1	0.8
Trichloro-methane List1	5
Trifluralin	0.06

Schedule 4 - Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Reporting parameters from table S3.1	W1	Quarterly	01/07/2013

Table S4.2: Annual production/treatment	
Parameter	Units
Waste accepted on-site (waste types as specified in Tables S2.2 and S2.3)	Cubic metres

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Total hazardous Waste accepted on-site	Annually	Cubic metres
Total non-Hazardous Waste accepted on-site	Annually	Cubic metres
Total hazardous Waste sent for offsite disposal and recovery	Annually	Cubic metres
Total non-hazardous waste sent for offsite disposal and recovery	Annually	Cubic metres

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water	Form water 1 or other form as agreed in writing by the Environment Agency	25/06/2013
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	25/06/2013

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	EPR/LP3024XB
Name of operator	
Location of Facility	
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	
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
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.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

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

“*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.

“*background concentration*” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

“*disposal*” means any of the operations provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

“*emissions to land*” includes emissions to groundwater.

“*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 or background concentration limit..

“*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.

“*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.

“*hazardous property*” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“*Industrial Emissions Directive*” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“*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.

“*recovery*” means any of the operations 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.

“*WFD*” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

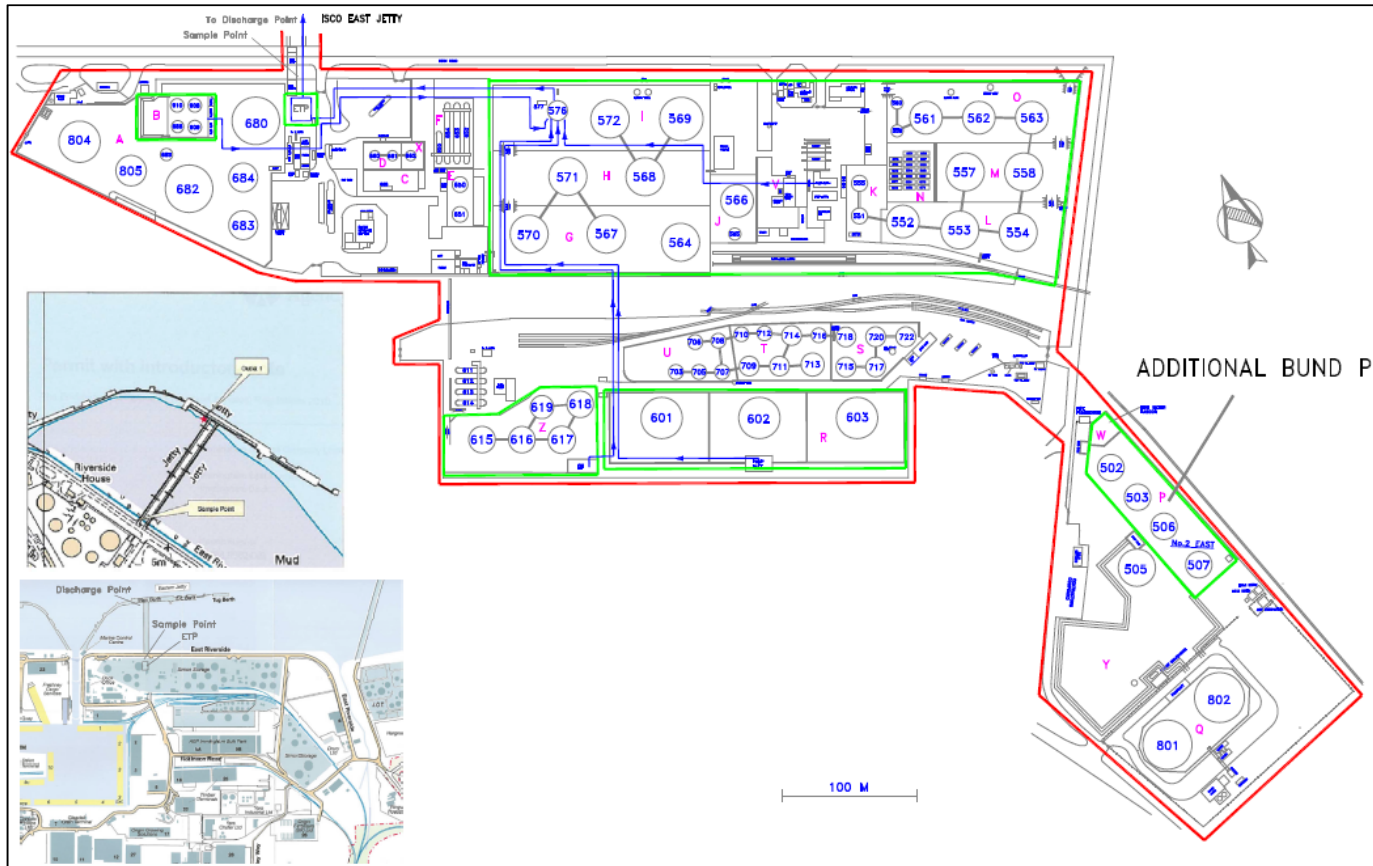
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

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

Schedule 7 - Site plan



END OF PERMIT

Permit number
EPR/LP3024XB