



ENVIRONMENT
AGENCY

Variation Notice with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Bridgend Waste Management Centre

Tradebe Gwent Limited
Factory Lane
Pencoed
Bridgend
CF35 5BQ

Variation Notice Number
YP3734XU

Permit number
NP3233XX

Bridgend Waste Management Centre

Permit Number NP3233XX

Variation Notice Number YP3734XU

Introductory note

This introductory note does not form a part of the permit

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

The purpose of this variation is to update the permit to the sector specific permit template. This template incorporates answers to questions within the sector specific application form which in turn link to compliance with the standards set out in the Sector Guidance Note S5.06 (SGN).

Status Log of the permit		
Detail	Date	Response Date
Application BM0893IC received	14 June 2002	
Application Duly Made	20 June 2002	Determination date of 20 October 2002
1st Schedule 4 notice issued to applicant	20 September 2002	Given 28 days to respond (18 October 2002)
Response to 1st Schedule 4 received	18 October 2002	New determination date of 18 November 2002
2nd Schedule 4 notice sent to applicant	11 December 2002	Given 28 days to respond (7 January 2003)
Response to 2nd Schedule 4 notice received	18 December 2002	Part response
Response to 2nd Schedule 4 notice received	8 January 2003	Full response
Financial Provision agreement dated	16 May 2003	
Permit BM0893IC determined	19 May 2003	
Schedule 3 changes	13 April 2006	WSM1 forms updated
Regulation 16 change requested	21 December 2006	Company Structure / personal changes
Regulation 16 change response	11 January 2006	Not accepted – further information requested
Regulation 16 change further information received	February 2006	
Regulation 17 Variation WP3135MX	7 November 2006	Extension of Improvement Programme
Transfer Application NP3233XX received	25 September 2007	

Status Log of the permit

Detail	Date	Response Date
Transfer NP3233XX issued	23 November 2007	
Company Name Change (Previously United Utilities (Gwent) Limited	6 November 2007	
Regulation 28 notice issued	3 December 2007	Request to complete part B2.1 of Part B form
Regulation 28 notice response received	January 2008	Response section B2.1 of Part B form
Variation YP3734XU issued	4 April 2008	Update of permit

End of Introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000

Variation Notice

Permit number

NP3233XX

Variation number

YP3734XU

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

Tradebe Gwent Limited ("the operator"),

whose registered office is

c/o Willacy Oil Services Limited

Whittle Close

Engineer Park

Sandycroft

Deeside

Flintshire

CH5 2QE

company registration number **00171493**

to operate an installation at

Bridgend Waste Management Centre

Factory Lane

Pencoed

Bridgend

CF35 5BQ

to the extent set out in schedules 1 to 3 of this variation notice.

The notice shall take effect from 4 April 2008

Signed

Date

	4 th April 2008
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Martin Jenkins

Authorised to sign on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

1. All conditions and schedules are deleted.

SCHEDULE 2 – CONDITIONS TO BE AMENDED

1. None.

SCHEDULE 3 – CONDITIONS TO BE ADDED

1. The following conditions and schedules are added to the permit.

Conditions

1 Management

1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and
 - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 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.

1.2 Accidents that may cause pollution

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
 - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
 - (c) make any appropriate changes to the plan identified by a review.

1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures by a review.

1.4 Efficient use of raw materials

- 1.4.1 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 4 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 appropriate further measures identified by a review.

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

1.5.1 The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

1.6 Site security

1.6.1 Site security measures shall prevent unauthorised access to the site, as far as practicable.

2 Operations

2.1 Permitted activities

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

2.1.2 Where there are wastes on site that are not subject to this permit then the wastes subject to the activities authorised under condition 2.1.1, shall be clearly identified.

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shaded on the site plan at schedule 2 to this permit.

2.3 Operating techniques

2.3.1 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 Agency.

2.3.2 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with the specifications set out in that table.

2.3.3 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 3 table S3.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.
- (c) it is only processed in the activity specified in Table S1.1 of Schedule 1.

2.3.4 Records shall be kept of all waste accepted onto the site.

2.3.5 The Operator shall ensure that where waste produced at the Permitted Installation(s) is sent to a waste recovery or disposal facility, the facility in question is provided with the following information, prior to receipt of the waste:

- The nature of the process producing the waste
- The composition of the waste
- The handling requirements of the waste
- The hazard classification associated with the waste
- The waste code of the waste

2.3.6 The Operator shall ensure that where waste produced at the Permitted Installation is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Off-site conditions

2.4.1 There are no off-site conditions under this section.

2.5 Improvement programme

2.5.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Agency.

2.5.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

2.6 Pre-operational conditions

There are no pre-operational conditions in this permit.

2.7 Closure and decommissioning

2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.

2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.

2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

2.8 Site protection and monitoring programme

- 2.8.1 The operator shall, within 2 months of the issue of this variation, submit a site protection and monitoring programme.
- 2.8.2 The operator shall implement and maintain the site protection and monitoring programme and shall carry out and record a review of it at least every 4 years.

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 4 tables S4.1, S4.2 and S4.3.
- 3.1.2 The limits given in schedule 4 shall not be exceeded.
- 3.1.3 Total daily emissions from the emission point(s) set out in tables schedule 4 S4.1, S4.2 and S4.3 of a substance listed in schedule 4 table S4.2 shall not exceed the relevant limit in table S4.4.

3.2 Transfers off-site

- 3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

3.3 Fugitive emissions of substances

- 3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.3.2 Litter or mud arising from the activities shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 3.3.3 Litter or mud arising from the activities shall be cleared from affected areas outside the site as soon as practicable.
- 3.3.4 All liquids, 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.

3.4 Odour

- 3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator

has used appropriate measures, including those specified in schedule 1 table S1.4, to prevent or where that is not practicable to minimise the odour.

3.5 Noise and vibration

- 3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in schedule 4 to this permit:
- (a) point source emissions specified in tables S4.1, S4.2 and S4.3
- 3.6.2 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.
- 3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing by the Agency.
- 3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 4 tables S4.1, S4.2 and S4.3 unless otherwise specified in that schedule.

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 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) the site protection and monitoring programme.
- 4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

- 4.1.3 All records required to be held by this permit shall be held on the installation and shall be available for inspection by the Agency at any reasonable time.

4.2 Reporting

- 4.2.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the 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 this permit against the relevant assumptions, parameters and results in the assessment of the impact of the emissions submitted with the application;
 - (b) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
 - (c) the annual production/treatment data set out in schedule 5 table S5.2;
 - (d) the performance parameters set out in schedule 5 table S5.3 using the forms specified in table S5.4 of that schedule; and
 - (e) details of any contamination or decontamination of the site which has occurred.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the 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 5 table S5.1;
 - (b) for the reporting periods specified in schedule 5 table S5.1 and using the forms specified in schedule 5 table S5.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.3 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Agency within one month of the end of the quarter and shall be in the format required by the Agency.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 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 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.
- 4.2.6 The results of reviews and any changes made to the site protection and monitoring programme shall be reported to the Agency, within 1 month of the review or change.

4.3 Notifications

- 4.3.1 The Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit;
 - (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 6 to this permit within the time period specified in that schedule.
- 4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the activities;
 - (b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and
 - (c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.
- 4.3.4 The Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.5 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.6 The Agency shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 4.3.7 The Agency shall be provided, within 14 days of the operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Agency), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 4.3.8 The Agency shall be notified within 14 days of the operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 4.3.9 The Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the operator's trading name, registered name or registered office address;

- (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
- (c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

Schedule 1 – Operations

Table S1.1 activities

Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
S5.3 A(1)(a) : disposal of hazardous waste	<p>D15 Storage pending physico- chemical treatment</p> <p>D9 Physico-chemical treatment</p> <p>D15 Storage pending blending</p> <p>D13 Blending or mixing of wastes</p>	<p>Treatment consisting of pH adjustment, settlement, separation, addition of coagulant & flocculent and blending of compatible wastes.</p> <p>Waste types in table S3.2 column 2, excluding wastes with the following properties:</p> <p>H1 Explosive / H3A (indents I to V) Highly Flammable / H9 Infectious / H12 Contact with water or an acid liberates toxic or very toxic gasses</p> <p>EWC codes ending in 99 must be agreed in writing with the Environment Agency before being accepted at the site.</p>
5.3 A(1)(b) : disposal of waste oils	<p>R13 storage of waste oil pending separation</p> <p>R3 phase separation including storage of wastes from separation</p>	<p>Treatment consisting of screening, settlement, separation, pH adjustment, addition of coagulant & flocculent and blending with other recovered oils.</p> <p>Waste types in table S3.2 column 3, excluding wastes with the following properties:</p> <p>H1 Explosive / H3A (indents I to V) Highly Flammable / H9 Infectious / H12 Contact with water or an acid liberates toxic or very toxic gasses</p> <p>EWC codes ending in 99 must be agreed in writing with the Environment Agency before being accepted at the site.</p>
5.3A(1)(c)(ii) : disposal of non-hazardous waste	<p>D15 Storage pending physico- chemical treatment</p> <p>D9 Physico-chemical treatment</p>	<p>Treatment consisting of pH adjustment, settlement, separation, addition of coagulant & flocculent and blending of compatible wastes</p>

Table S1.1 activities

Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
	D15 Storage pending blending D13 Blending or mixing of wastes	Waste types in table S3.2 column 1. EWC codes ending in 99 must be agreed in writing with the Environment Agency before being accepted at the site.
Directly Associated Activity		
Discharge to foul sewer	Discharge of treated effluents from the installation	From treated effluent storage tanks to point of entry to sewer
Water discharge to controlled waters	Discharge of installation drainage from the installation	From surface water drains to point of entry to controlled waters

Table S1.2 Operating techniques

Description	Parts	Date Received
Regulation 28 notice response	Response to Question B2.1 of the Part B application form excluding the response to Questions B2.1.7 & the following parts of B2.1.9: part (iii) Sampling of bulk liquid waste, drummed wastes and laboratory smalls; and part (v) Records	January 2008

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP1	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.1 of Sector Guidance Note S5.06, December 2004, to assess waste prior to acceptance on the site.	4 July 2008
IP2	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.2 of Sector Guidance Note S5.06, December 2004, to cover: sampling of bulk wastes, drummed wastes and laboratory smalls; and records.	4 July 2008
IP3	The operator shall provide and maintain monitoring of effluent flow to sewer to the MCERTS standard. A copy of the first MCERTS site conformity inspection certificate shall be submitted to the Environment Agency.	4 April 2009

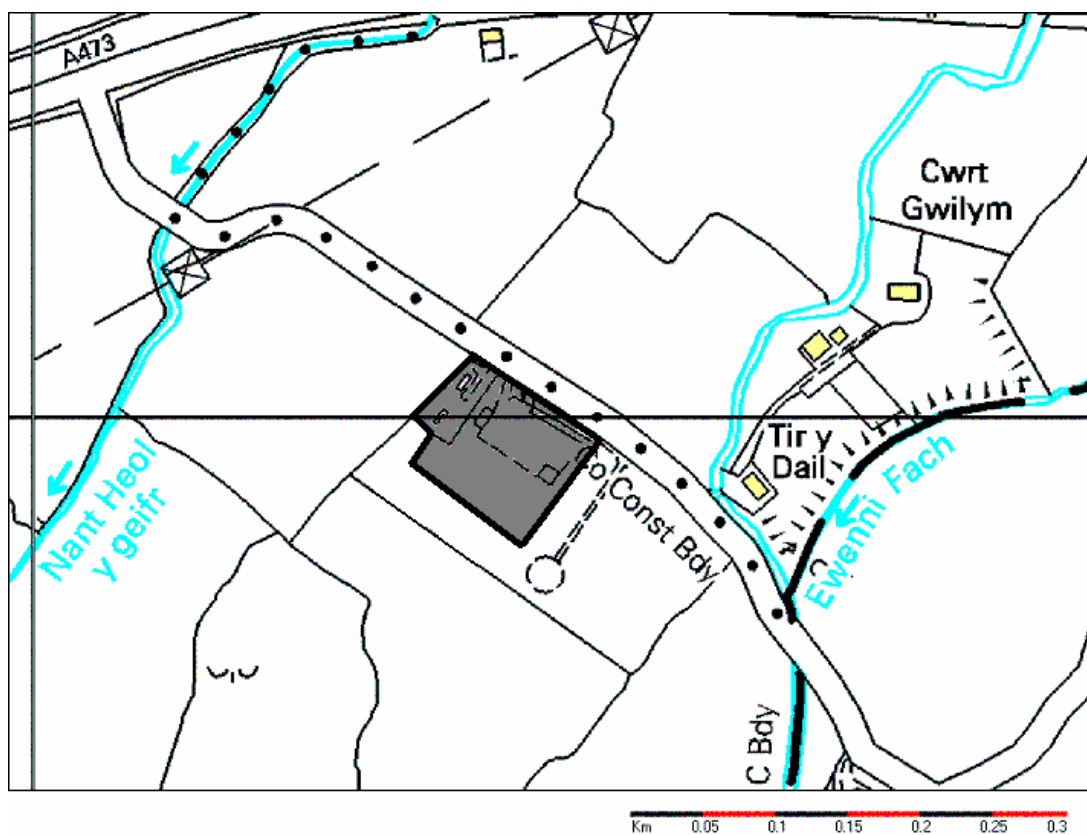
Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP4	Undertake an assessment of the impact on the water environment from current emissions of effluent to sewer. The operator shall use the methodology prescribed in the Agency's guidance 'Environmental Assessment and Appraisal of BAT' (Ref. IPPC H1) in making this assessment. The Operator shall identify substances present in the effluent that are considered significant, and submit proposed emission limit values for these substances in the form of a report. Flow rate must also be considered as part of this assessment. The report shall also include an effluent monitoring plan for any key substances identified and an action plan to reduce releases of those substances that are considered significant as part of the H1 Assessment. The operator shall implement any improvements or measures identified. Once approved, the limits and parameters should supersede those prescribed in table S4.4 of this permit.	4 Oct 2008

Table S1.4 Appropriate measures for odour

Measure	Dates
Odorous emissions action plan	-
i) On detection or notification of aerial emissions of odour that is being, or likely to be, transported beyond the installation boundary, at such levels that they are likely to cause pollution of the environment, harm to human health or serious detriment to the amenity of the locality, the source of the odour shall be identified and remedial action taken with immediate effect to mitigate the effects of the odour, such measures may include immediate removal of the waste from the installation.	
ii) The incident and remedial action shall be recorded in the Installation diary.	

Schedule 2 - Site plan



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Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

Raw materials and fuel description	Specification	Date
Application	The response to question B2.2 given in sections (01/BWTC/04) of the application	14/06/02
Response to 2 nd Schedule 4 Notice art 1 dated 11/12/02	Response to attached schedule of questions; Appendix 12 to document reference number 01/BTWC/03	18/12/02

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS			
01 03	wastes from physical and chemical processing of metalliferous minerals			
01 03 04*	acid-generating tailings from processing of sulphide ore		Y	
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05	Y		
01 04	wastes from physical and chemical processing of non-metalliferous minerals			
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07	Y		
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11	Y		

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
01 05	drilling muds and other drilling wastes			
01 05 04	freshwater drilling muds and wastes	Y		
01 05 05*	oil-containing drilling muds and wastes			Y
01 05 07	barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	Y		
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 01	sludges from washing and cleaning	Y		
02 01 09	agrochemical waste other than those mentioned in 02 01 08	Y		
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin			
02 02 01	sludges from washing and cleaning	Y		
02 02 02	animal-tissue waste	Y		
02 02 03	materials unsuitable for consumption or processing	Y		
02 02 04	sludges from on-Installation effluent treatment	Y		
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation			

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation	Y		
02 03 04	materials unsuitable for consumption or processing	Y		
02 03 05	sludges from on-Installation effluent treatment	Y		
02 04	wastes from sugar processing			
02 04 03	sludges from on-Installation effluent treatment	Y		
02 05	wastes from the dairy products industry			
02 05 01	materials unsuitable for consumption or processing	Y		
02 05 02	sludges from on-Installation effluent treatment	Y		
02 06	wastes from the baking and confectionery industry			
02 06 01	materials unsuitable for consumption or processing	Y		
02 06 03	sludges from on-Installation effluent treatment	Y		
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)			
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials	Y		
02 07 03	wastes from chemical treatment	Y		
02 07 04	materials unsuitable for consumption or processing	Y		
02 07 05	sludges from on-Installation effluent treatment	Y		
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD			

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
03 03	wastes from pulp, paper and cardboard production and processing			
03 03 02	green liquor sludge (from recovery of cooking liquor)	Y		
03 03 05	de-inking sludges from paper recycling	Y		
03 03 08	wastes from sorting of paper and cardboard destined for recycling	Y		
03 03 09	lime mud waste	Y		
03 03 11	sludges from on-Installation effluent treatment other than those mentioned in 03 03 10	Y		
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES			
04 01	wastes from the leather and fur industry			
04 01 01	fleshings and lime split wastes	Y		
04 01 02	liming waste	Y		
04 01 04	tanning liquor containing chromium	Y		
04 01 05	tanning liquor free of chromium	Y		
04 01 06	sludges, in particular from on-Installation effluent treatment containing chromium	Y		
04 01 07	sludges, in particular from on-Installation effluent treatment free of chromium	Y		
04 01 09	wastes from dressing and finishing	Y		
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES			
04 02	wastes from the textile industry			
04 02 14*	wastes from finishing containing organic solvents		Y	
04 02 15	wastes from finishing other than those mentioned in 04 02 14	Y		
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16	Y		

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
04 02 20	sludges from on-Installation effluent treatment other than those mentioned in 04 02 19	Y		
04 02 21	wastes from unprocessed textile fibres	Y		
04 02 22	wastes from processed textile fibres	Y		
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL			
05 01	wastes from petroleum refining			
05 01 02*	desalter sludges			Y
05 01 03*	tank bottom sludges			Y
05 01 04*	acid alkyl sludges			Y
05 01 05*	oil spills			Y
05 01 06*	oily sludges from maintenance operations of the plant or equipment			Y
05 01 10	sludges from on-Installation effluent treatment other than those mentioned in 05 01 09	Y		
05 01 13	boiler feedwater sludges	Y		
05 01 14	wastes from cooling columns	Y		
05 06	wastes from the pyrolytic treatment of coal			
05 06 04	waste from cooling columns	Y		
05 06 99	wastes not otherwise specified	Y		
05 07	wastes from natural gas purification and transportation			
05 07 02	wastes containing sulphur	Y		
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		Y	
06 01 02*	hydrochloric acid		Y	

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Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
06 01 03*	hydrofluoric acid		Y	
06 01 04*	phosphoric and phosphorous acid		Y	
06 01 05*	nitric acid and nitrous acid		Y	
06 01 06*	other acids		Y	
06 02	wastes from the MFSU of bases			
06 02 01*	calcium hydroxide		Y	
06 02 03*	ammonium hydroxide		Y	
06 02 04*	sodium and potassium hydroxide		Y	
06 02 05*	other bases		Y	
06 03	wastes from the MFSU of salts and their solutions and metallic oxides			
06 03 15*	metallic oxides containing heavy metals		Y	
06 03 16	metallic oxides other than those mentioned in 06 03 15	Y		
06 04	metal-containing wastes other than those mentioned in 06 03			
06 04 05*	wastes containing other heavy metals		Y	
06 05	sludges from on-Installation effluent treatment			
06 05 03	sludges from on-Installation effluent treatment other than those mentioned in 06 05 02	Y		
06 06	wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes			
06 06 03	wastes containing sulphides other than those mentioned in 06 06 02	Y	Y	
06 07	wastes from the MFSU of halogens and halogen chemical processes			
06 07 04*	solutions and acids, for example contact acid		Y	

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Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
06 09	wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes			
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03	Y		
06 11	wastes from the manufacture of inorganic pigments and opacifiers			
06 11 01	calcium-based reaction wastes from titanium dioxide production	Y		
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		Y	
07 01 12	sludges from on-Installation effluent treatment other than those mentioned in 07 01 11	Y		
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres			
07 02 01*	aqueous washing liquids and mother liquors		Y	
07 02 12	sludges from on-Installation effluent treatment other than those mentioned in 07 02 11	Y		
07 02 15	wastes from additives other than those mentioned in 07 02 14	Y		
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)			
07 03 01*	aqueous washing liquids and mother liquors		Y	
07 03 12	sludges from on-Installation effluent treatment other than those mentioned in 07 03 11	Y		

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - 5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
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		Y	
07 04 12	sludges from on-Installation effluent treatment other than those mentioned in 07 04 11	Y		
07 05	wastes from the MFSU of pharmaceuticals			
07 05 01*	aqueous washing liquids and mother liquors		Y	
07 05 12	sludges from on-Installation effluent treatment other than those mentioned in 07 05 11	Y		
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics			
07 06 01*	aqueous washing liquids and mother liquors		Y	
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified			
07 07 01*	aqueous washing liquids and mother liquors		Y	
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 12	waste paint and varnish other than those mentioned in 08 01 11	Y		
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13	Y		

Table S3.2 Permitted waste types and quantities

Maximum quantity	Total Quantity of Waste (excluding domestic wastes that are received for direct discharge to sewer) shall not exceed 115,000 tonnes / year, of which no more than 75,000 tonnes shall be Hazardous waste. No more than 778 cubic metres of waste shall be stored on the installation at any time.	Column 1 - 5.3A(1)(c)(ii) : disposal of non-hazardous waste (Yes / No)	Column 2 - S5.3 A(1)(a): disposal of hazardous waste (Yes / No)	Column 3 - 5.3 A(1)(b): disposal of waste oils (Yes / No)
Waste code	Description			
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15	Y		
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17	Y		
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19	Y		
08 01 21*	waste paint or varnish remover		Y	
08 02	wastes from MFSU of other coatings (including ceramic materials)			
08 02 02	aqueous sludges containing ceramic materials	Y		
08 02 03	aqueous suspensions containing ceramic materials	Y		
08 03	wastes from MFSU of printing inks			
08 03 07	aqueous sludges containing ink	Y		
08 03 08	aqueous liquid waste containing ink	Y		
08 03 13	waste ink other than those mentioned in 08 03 12	Y		
08 03 15	ink sludges other than those mentioned in 08 03 14	Y		
08 03 19*	disperse oil			Y
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)			
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	Y		
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11	Y		
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13	Y		

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Waste code	Description			
08 04 16	Aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15	Y		
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY			
09 01	wastes from the photographic industry			
09 01 01*	water-based developer and activator solutions		Y	
09 01 02*	water-based offset plate developer solutions		Y	
10	WASTES FROM THERMAL PROCESSES			
10 01	wastes from power stations and other combustion plants (except 19)			
10 01 09*	sulphuric acid		Y	
10 01 18*	Wastes from gas cleaning containing dangerous substances		Y	
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18	Y		
10 01 20*	Sludges from on-site effluent treatment containing dangerous substance		Y	
10 01 21	sludges from on-Installation effluent treatment other than those mentioned in 10 01 20	Y		
10 01 23	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22	Y		
10 01 25	wastes from fuel storage and preparation of coal-fired power plants	Y		
10 01 26	wastes from cooling-water treatment	Y		
10 02	wastes from the iron and steel industry			

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Waste code	Description			
10 02 01	wastes from the processing of slag	Y		
10 02 11*	wastes from cooling-water treatment containing oil			Y
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11	Y		
10 03	wastes from aluminium thermal metallurgy			
10 03 27*	wastes from cooling-water treatment containing oil			Y
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27	Y		
10 04	wastes from lead thermal metallurgy			
10 04 09*	wastes from cooling-water treatment containing oil			Y
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09	Y		
10 05	wastes from zinc thermal metallurgy			
10 05 08*	wastes from cooling-water treatment containing oil			Y
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08	Y		
10 06	wastes from copper thermal metallurgy			
10 06 09*	wastes from cooling-water treatment containing oil			Y
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09	Y		
10 07	wastes from silver, gold and platinum thermal metallurgy			
10 07 07*	wastes from cooling-water treatment containing oil			Y

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Waste code	Description			
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07	Y		
10 08	wastes from other non-ferrous thermal metallurgy			
10 08 19*	wastes from cooling-water treatment containing oil			Y
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19	Y		
10 09	wastes from casting of ferrous pieces			
10 09 14	waste binders other than those mentioned in 10 09 13	Y		
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15	Y		
10 10	wastes from casting of non-ferrous pieces			
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15	Y		
10 11	wastes from manufacture of glass and glass products			
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09	Y		
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		Y	
11 01 06*	acids not otherwise specified		Y	

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Waste code	Description			
11 01 07*	pickling bases		Y	
11 01 08*	phosphatising sludges		Y	
11 01 09*	sludges and filter cakes containing dangerous substances		Y	
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09	Y		
11 01 11*	aqueous rinsing liquids containing dangerous substances		Y	
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11	Y		
11 01 13*	degreasing wastes containing dangerous substances		Y	
11 01 14	degreasing wastes other than those mentioned in 11 01 13	Y		
11 01 98*	other wastes containing dangerous substances		Y	
11 02	wastes from non-ferrous hydrometallurgical processes			
11 02 03	wastes from the production of anodes for aqueous electrolytical processes	Y		
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05	Y		
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)		Y	
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)		Y	

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Waste code	Description			
12 01 08*	machining emulsions and solutions containing halogens		Y	
12 01 09*	machining emulsions and solutions free of halogens		Y	
12 01 10*	synthetic machining oils			Y
12 01 12*	spent waxes and fats		Y	
12 01 13	Welding wastes	Y		
12 01 14*	machining sludges containing dangerous substances		Y	
12 01 15	machining sludges other than those mentioned in 12 01 14	Y		
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil			Y
12 01 19*	readily biodegradable machining oil			Y
12 03	Wastes from water and steam degreasing processes (except 11)			
12 03 01*	aqueous washing liquids		Y	
12 03 02*	steam degreasing wastes		Y	
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 05*	non-chlorinated emulsions			Y
13 01 09*	mineral-based chlorinated hydraulic oils			Y
13 01 10*	mineral based non-chlorinated hydraulic oils			Y
13 01 11*	synthetic hydraulic oils			Y
13 01 12*	readily biodegradable hydraulic oils			Y
13 01 13*	other hydraulic oils			Y
13 02	waste engine, gear and lubricating oils			
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils			Y

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Waste code	Description			
13 02 06*	synthetic engine, gear and lubricating oils			Y
13 02 07*	readily biodegradable engine, gear and lubricating oils			Y
13 02 08*	other engine, gear and lubricating oils			Y
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			Y
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils			Y
13 03 08*	synthetic insulating and heat transmission oils			Y
13 03 09*	readily biodegradable insulating and heat transmission oils			Y
13 03 10*	other insulating and heat transmission oils			Y
13 04	bilge oils			
13 04 01*	bilge oils from inland navigation			Y
13 04 02*	bilge oils from jetty sewers			Y
13 04 03*	bilge oils from other navigation			Y
13 05	oil/water separator contents			
13 05 02*	sludges from oil/water separators			Y
13 05 03*	interceptor sludges			Y
13 05 06*	oil from oil/water separators			Y
13 05 07*	oily water from oil/water separators			Y
13 05 08*	mixtures of wastes from grit chambers and oil/water separators			Y
13 07	wastes of liquid fuels			
13 07 01*	fuel oil and diesel			Y
13 07 03*	other fuels (including mixtures)			Y
13 08	oil wastes not otherwise specified			

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Waste code	Description			
13 08 02*	other emulsions			Y
13 08 99*	Mixtures of waste oils which fall under chapter 13 (excluding the following – mixtures of chlorinated and non-chlorinated entries together, and mixtures of pcb contaminated entries with uncontaminated entries)			Y
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		Y	
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)			
16 07 08*	wastes containing oil			Y
16 07 09*	wastes containing other dangerous substances		Y	
16 08	spent catalysts			
16 08 05*	spent catalysts containing phosphoric acid		Y	
16 08 06*	spent liquids used as catalysts		Y	
16 09	oxidising substances			
16 09 01*	permanganates, for example potassium permanganate		Y	
16 09 02*	chromates, for example potassium chromate, potassium or sodium dichromate		Y	
16 09 04*	oxidising substances, not otherwise specified		Y	
16 10	aqueous liquid wastes destined for off-Installation treatment			

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Waste code	Description			
16 10 01*	aqueous liquid wastes containing dangerous substances		Y	
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	Y		
16 10 04	aqueous concentrates other than those mentioned in 16 10 03	Y		
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)			
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans			
18 01 06*	chemicals consisting of or containing dangerous substances		Y	
18 01 07	chemicals other than those mentioned in 18 01 06	Y		
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-INSTALLATION WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE			
19 01	wastes from incineration or pyrolysis of waste			
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes	Y		
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)			
19 02 03	premixed wastes composed only of non-hazardous wastes	Y		
19 02 04*	premixed wastes composed of at least one hazardous waste		Y	

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Waste code	Description			
19 02 05*	sludges from physico/chemical treatment containing dangerous substances		Y	
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05	Y		
19 02 07*	oil and concentrates from separation			Y
19 06	wastes from anaerobic treatment of waste			
19 06 03	liquor from anaerobic treatment of municipal waste	Y		
19 06 04	digestate from anaerobic treatment of municipal waste	Y		
19 06 05	liquor from anaerobic treatment of animal and vegetable waste	Y		
19 06 06	digestate from anaerobic treatment of animal and vegetable waste	Y		
19 07	landfill leachate			
19 07 02*	landfill leachate containing dangerous substances		Y	
19 07 03	landfill leachate other than those mentioned in 19 07 02	Y		
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	Y		Y
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09			Y
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	Y		
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	Y		

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Waste code	Description			
19 09	wastes from the preparation of water intended for human consumption or water for industrial use			
19 09 02	sludges from water clarification	Y		
19 09 03	sludges from decarbonation	Y		
19 11	wastes from oil regeneration			
19 11 02*	acid tars			Y
19 11 03*	aqueous liquid wastes		Y	
19 11 04*	wastes from cleaning of fuel with bases		Y	
19 11 05*	sludges from on-Installation effluent treatment containing dangerous substances		Y	
19 11 06	sludges from on-Installation effluent treatment other than those mentioned in 19 11 05	Y		
19 11 07*	wastes from flue-gas cleaning		Y	
19 13	wastes from soil and groundwater remediation			
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03	Y		
19 13 06	sludges from groundwater remediation other than those mentioned in 19 13 05	Y		
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07	Y		
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			Y

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Waste code	Description			
20 01 26*	oil and fat other than those mentioned in 20 01 25			Y
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27	Y		
20 01 30	detergents other than those mentioned in 20 01 29	Y		
20 03	other municipal wastes			
20 03 02	waste from markets	Y		
20 03 03	street-cleaning residues	Y		
20 03 04	septic tank sludge	Y		
20 03 06	waste from sewage cleaning	Y		

Schedule 4 – Emissions and monitoring

Table S4.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
None						

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
None						

Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)*	Monitoring frequency	Monitoring standard or method
Final effluent discharge point S1	Daily Discharge	Rainfall related uncontaminated installation run off and Treated Waste Water	1400 m ³ /day (700 m ³ /day Trade effluent /700 m ³ /day Septic Tank Waste)	Continuous ¹	To be agreed with the Agency
	Peak Flow Rate		10 l/s	Continuous ¹	
	pH		6-10 pH units	Spot sample per batch	
	Total Suspended Solids		1,700 mg/l	Spot sample per batch	
	COD		No limit set	Spot sample per batch	
	Temperature		43 °C	Spot sample per batch	
	Oil & Grease		100 mg/l	Spot sample per batch	
	Total Sulphate		1000 mg/l	Spot sample per batch	
	Total NH ₃ -N		500 mg/l	Spot sample per batch	

Total Chromium	2 mg/l	Spot sample per batch
Total Copper	2 mg/l	Spot sample per batch
Total Lead	2 mg/l	Spot sample per batch
Total Nickel	2 mg/l	Spot sample per batch
Total Zinc	2 mg/l	Spot sample per batch
CN	2 mg/l	Spot sample per batch
Total Sulphide	3 mg/l	Spot sample per batch
Monohydric Phenols ²	100 mg/l	Spot sample per batch
Manoxal OT	30 mg/l	Spot sample per batch

- Note 1: Batches pumped to sewer. Discharge volume recorded by meter.
- Note 2: Increase in Phenol concentration up to the maximum limit should not exceed 10mg/l in any one day.
- * NB: The limits in this table are interim levels to be revised upon discharge of Improvement Programme Table S1.3(4).

Table S4.4 Daily limits

Substance	Medium	Limit (including unit)
COD	Sewer	5000 kg/day
Total NH ₃ -N	Sewer	140 kg/day
Monohydric Phenols ¹	Sewer	Daily Increases of less than 7 kg/day

- Note 1: Increase in Phenol loading shall not exceed 7 kilograms per day.

Schedule 5 - Reporting

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

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to sewer Parameters as required by condition 3.6.1	S1	Every 6 months	30 June 2003

Table S5.2 Annual production/treatment

Parameter	Units
Treatment of Hazardous Waste	tonnes
Treatment of Non Hazardous waste	tonnes

Table S5.3 Performance parameters

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWs
Total raw material used	Annually	tonnes

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Sewer	Form sewer 1 or other form as agreed in writing by the Agency	04/04/08
Water usage	Form water usage1 or other form as agreed in writing by the Agency	04/04/08
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	04/04/08

5 Schedule 6 - 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 PPC Regulations.

Part A

<i>Permit Number</i>	NP3233XX
<i>Name of operator</i>	Tradebe Gwent Limited
<i>Location of Installation</i>	Bridgend Waste Management Centre Factory Lane Pencoed Bridgend CF35 5BQ
<i>Time and date of the detection</i>	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection	
<i>Date and time of the event</i>	
<i>Reference or description of the location of the event</i>	
<i>Description of where any release into the environment took place</i>	
<i>Substances(s) potentially released</i>	
<i>Best estimate of the quantity or rate of release of substances</i>	
<i>Measures taken, or intended to be taken, to stop any emission</i>	
<i>Description of the failure or accident.</i>	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below	
<i>Emission point reference/ source</i>	
<i>Parameter(s)</i>	
<i>Limit</i>	
<i>Measured value and uncertainty</i>	
<i>Date and time of monitoring</i>	

<i>Measures taken, or intended to be taken, to stop the emission</i>	
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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	
<i>Description of where the effect on the environment was detected</i>	
<i>Substances(s) detected</i>	
<i>Concentrations of substances detected</i>	
<i>Date of monitoring/sampling</i>	

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 installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Tradebe Gwent Limited

Schedule 7 - Interpretation

"*accident*" means an accident that may result in pollution.

"*accident management plan*" means a documented procedure (or procedures) that set out the measures necessary to prevent accidents occurring within the permitted installation, during both normal and abnormal operations, and limit the consequences to human health or the environment of any such accidents that do occur.

"*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 4 to the PPC Regulations.

"*authorised officer*" means any person authorised by the 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*" shall mean any of the operations provided for in Annex IIA to Directive 75/442/EEC.

"*emissions to land*", includes emissions to groundwater.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission or background concentration 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.

"*land protection guidance*", means Agency guidance "H7 - Guidance on the protection of land under the PPC Regime: application site report and site protection monitoring programme".

"*MCERTS*" means the Environment Agency's Monitoring Certification Scheme.

"*notify/notified without delay*" means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

"*PPC Regulations*" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

"*recovery*" shall mean any of the operations provided for in Annex IIB to Directive 75/442/EEC.

“relevant person” and *“relevant conviction”* shall have the meanings given to them in the Environmental Protection Act 1990.

“site protection and monitoring programme” means a document which meets the requirements for site protection and monitoring programmes described in the Land Protection Guidance.

“technically competent management” and *“technical competence”* shall have the meanings given to them in the Environmental Protection Act 1990.

“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 (75/442/EEC).

“year” means calendar year ending 31 December.

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

END OF PERMIT