

**THE ENVIRONMENTAL PROTECTION ACT 1990
WASTE MANAGEMENT SITE LICENCE
(MODIFICATION)**

**John Willis and David Willis
Trading as
J H Willis & Son**

**Holme Farm
Marsh Lane
Ince
Cheshire
CH2 4NR**

SJ 457 772

WML 61798/M02



**ENVIRONMENT
AGENCY**

**ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37**

**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

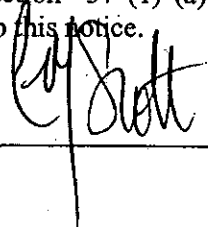
LICENCE REF No: 61798/M02	FACILITY TYPE: Lagoon
LICENCE HOLDER: John Willis and David Willis trading as J H Willis & Son Marsh Lane, Ince, Cheshire, CH2 4NR	LICENSED FACILITY: Holme Farm Marsh Lane Ince Cheshire CH2 4NR

WHEREAS you are the licence holder of the said licensed facility

AND WHEREAS on the 1st April 1996 the powers and duties of all waste regulation authorities in England and Wales transferred to the Environment Agency ("the Agency") by virtue of section 2 of the Environment Act 1995

AND WHEREAS the conditions of the said licence may have been modified on 17th March 2003

NOTICE IS HEREBY GIVEN that the Agency modifies the conditions of the said licence in accordance with Section 37 (1) (a) of the Environmental Protection Act 1990 and as set out in the Schedule attached to this notice.

Signed 

Name Gwen Scott

Dated 27-5-05.

This modification shall take effect on 31 May 2005 at 00.01 hours

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED AT THE END OF THIS MODIFICATION.

Environment Agency, Appleton House, 430 Birchwood Boulevard, Birchwood, Warrington, WA3 7WD

SCHEDULE – CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under section as follows:

Delete condition

1.7 Maintenance of financial provision

- 1.7.1 The financial provision for meeting the obligations under this Licence set out in the Licence Holder's guarantee, with the guarantee reference number TFPLDG226662 made between the Licence Holder and the agency, shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

Delete existing conditions

1.2 Permitted wastes

Permitted categories and types of wastes

- 1.2.1 No wastes unless suitable for application to land under paragraph 7 of Schedule 3 of the 1994 Regulations, and categorised in appendix I of this licence shall be accepted at the site.

2.1 Engineered site containment and drainage systems

Provision and maintenance of site containment and drainage systems

- 2.1.1 No waste or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations shall be deposited, stored, treated or otherwise handled in any area of the site after 1 April 2003 unless the proposals for the engineered site containment and drainage system has been submitted to the Agency and agreed in writing.

The proposals shall include,

- a Layout of areas of hardstanding;
- b Layout of areas of impermeable pavement;
- c Construction of the lining system of the storage lagoon.
- d Completion date for the engineering work.
- e Layout of drainage systems, including details of the following, where provided:
 - I kerbing;
 - II sumps;
 - III sealed drainage;

- 2.2.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

- a Site name and address;
- b Licence Holder name (company name, not individual name unless justified as necessary);
- c Operator name (company name, not individual name unless justified as necessary);
- d Licence number;
- e Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f Statement that the site is licensed by the Environment Agency;
- g Agency national numbers: 0645 333111 and 0800 807060;
- h Days and hours site is open to receive waste.

The location of the notice board should be such that it is clear that it does not designate areas outside the licensed site and does not encourage illegal tipping.

2.3 Site security

- 2.3.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with table 3.2 below and sections 2.1.1, 2.1.2 and 2.2.1 of the working plan.

Waste stream numbering and analysis

- 3.4.2 All wastes which it is proposed to deposit at the site shall be given a unique waste stream number. The Waste Stream number shall relate to each waste arising from a single source (company) and process and in accordance with 4.1.4 of the working plan. For example Waste Stream 0001 is Bio sludge from ABC Ltd Waste Stream 0002 is DAF sludge from ABC Ltd Waste stream 0003 is Bio-sludge from XYZ Ltd
- 3.4.5 No waste shall be accepted for deposit at the site unless it has been subject to the procedures set out in Conditions 4.4.2, 4.4.3 and 4.4.4.
- 3.4.9 Records shall be kept of the criteria check(s) for each load deposited at the site, in accordance with section 4.1.24 and 4.1.25 of the working plan.
- 3.4.11 Unless a lower frequency of analysis is agreed in writing with the Agency, a sample of waste shall be taken from at least every tenth load of each waste stream deposited at the site, and analysed in accordance with 4.1.23.

Submission of analysis and stored waste composition results

- 3.4.15 The following shall be supplied to the Agency within 14 days of the end of the calendar month in which the results are received, or any other reasonable date specified by the Agency.
- a For each new waste stream
 - I Copy of the Waste stream analysis;
 - II Waste stream acceptance criteria; and;
 - III Any contra indications or special procedures for that waste stream;
 - b Copies of weekly calculations of waste composition in the lagoon;
 - c Copies of the Lagoon contents analysis;
 - d Copies of any tenth load analyses; and
 - e Copies of any Agency requested analyses

Add new conditions

1.2 Permitted wastes

Permitted categories and types of wastes

- 1.2.1 No wastes unless suitable for application to land under paragraph 7 of Schedule 3 of the 1994 Regulations, or the Waste Management Licensing (England and Wales) (Amendment and Related Provisions) Regulations 2005 and categorised in appendix 1 of this licence which shall be superceeded by Appendix 3 attached to this schedule, as of 1 July 2005 shall be accepted at the site.

2.1 Engineered site containment and drainage systems

Provision and maintenance of site containment and drainage systems

- 2.1.1 No waste or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations shall be deposited, stored, treated or otherwise handled in any area of the site until the engineered site containment and drainage system for that area has been constructed and completed in accordance with this condition. The engineered site containment and drainage systems shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose and meet the standards specified in Table 2.1 below.

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Lagoons	Any Lagoons (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting liquid or sludge shall be constructed in accordance with the following specification: The Lining shall be constructed to provide for a permeability equivalent to a layer of clay of 1m thickness with a permeability of $1 \times 10^{-9} \text{ ms}^{-1}$. (This permeability relating to any of the wastes and their components likely to be placed within the lagoon) Notwithstanding the above no installation work shall take place unless the Agency has agreed the specifications for the lining system and a Quality Assurance plan for its installation and validation. Maintenance; No waste shall be placed in the lagoon unless a full maintenance schedule, including inspection and regular monitoring, has been submitted to and agreed by the Agency. Emergency Action Plan; No waste shall be placed in the lagoon unless a comprehensive emergency Action Plan has been submitted to and agreed by the Agency.
Pipework	Pipelines are to be portable and shall be constructed and maintained to a standard fit for purpose to ensure potentially polluting leaks escaping to controlled water
Impermeable pavement	All areas of impermeable pavement shall be provided with a drainage system capable of containing all liquids that run off the pavement. Design of the system must be risk based and take account of the effects of rainfall and the ability of the system to prevent pollution of the environment, harm to human health and serious detriment to the amenity of the locality. Uncontaminated drainage from clean areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other similar material) and maintained such that the working surface: i) shall remain even ii) shall not be subject to settlement or differential settlement iii) shall not be subject to rutting by vehicles even when wet iv) shall have sufficient durability to allow cleaning for example by scraping v) shall remain free of standing water.
Inspection and maintenance of site containment and drainage	(i) All areas of hardstanding, impermeable pavement, drainage systems, storage areas and pipework shall be maintained so as to be fit for purpose. Inspections shall be carried out in accordance with the maintenance schedule in section 3.3.2 of the working plan.

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
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- | | |
|------|--|
| (ii) | In the event of any damage occurring which breaches the integrity of the lagoon, loading/unloading areas or pipelines so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or keeping waste in the affected area. Shall notify the Agency immediately, and shall not recommence importing waste into or keeping waste in the affected area until it has been repaired to a standard at least as good as the original specification. |
|------|--|

2.2.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

- a Site name and address;
- b Licence Holder name (company name, not individual name unless justified as necessary);
- c Operator name (company name, not individual name unless justified as necessary);
- d Licence number;
- e Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f Statement that the site is licensed by the Environment Agency;
- g Agency national numbers: 08708 506506 and 0800 807060;
- h Days and hours site is open to receive waste.

The location of the notice board should be such that it is clear that it does not designate areas outside the licensed site and does not encourage illegal tipping.

2.3 Site security

2.3.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with table 2.2 below and sections 2.1.1, 2.1.2 and 2.2.1 of the working plan.

Waste stream numbering and analysis

3.4.2 All wastes which it is proposed to deposit at the site shall be given a unique waste stream number. The Waste Stream number shall relate to each waste arising from a single source (company) and process and in accordance with 4.1.3 and 4.1.4 of the working plan. For example Waste Stream 0001 is Bio sludge from ABC Ltd Waste Stream 0002 is DAF sludge from ABC Ltd Waste stream 0003 is Bio-sludge from XYZ Ltd

3.4.5 No waste shall be accepted for deposit at the site unless it has been subject to the procedures set out in sections 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.2.3 of the working plan.

3.4.9 Records shall be kept of the criteria check(s) for each load deposited at the site, in accordance with section 4.1.24, 4.1.25 and 4.1.27 of the working plan.

3.4.11 Unless a lower frequency of analysis is agreed in writing with the Agency, a sample of waste shall be taken from at least every tenth load of each waste stream deposited at the site, and analysed in accordance with section 4.1.23 and 4.1.24 of the working plan.

3.4.15 The following records shall be made available for inspection by Agency officers in accordance with condition 6.1.2 of this licence.

- a For each new waste stream
 - I Copy of the Waste stream analysis;
 - II Waste stream acceptance criteria; and;
 - III Any contra indications or special procedures for that waste stream;
- b Copies of weekly calculations of waste composition in the lagoon;
- c Copies of the Lagoon contents analysis;
- d Copies of any tenth load analyses; and
- e Copies of any Agency requested analyses

Appendix 3

Permitted Waste types after 1 July 2005

02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing

020103 plant tissue waste

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

02 02 04 sludges from on-site effluent treatment

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

02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation

02 03 04 Materials unsuitable for consumption

02 03 05 sludges from on-site effluent treatment

02 04 wastes from sugar processing

02 04 03 sludges from on-site effluent treatment

02 05 wastes from the dairy products industry

02 05 01 materials unsuitable for consumption or processing

02 05 02 sludges from on-site effluent treatment

02 06 wastes from the baking and confectionery industry

02 06 01 materials unsuitable for consumption or processing

02 06 03 sludges from on-site effluent treatment

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

02 07 04 materials unsuitable for consumption or processing

02 07 05 sludges from on-site effluent treatment

03 01 wastes from wood processing and the production of panels and furniture

03 01 01 waste bark and cork

03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04

03 03 wastes from pulp, paper and cardboard production and processing

03 03 01 waste bark and wood

03 03 09 lime mud waste

04 01 wastes from the leather and fur industry

04 01 07 sludges, in particular from on-site effluent treatment free of chromium

04 02 wastes from the textile industry

04 02 10 organic matter from natural products (for example grease, wax)

04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19

04 02 21 wastes from unprocessed textile fibres

04 02 22 wastes from processed textile fibres

10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them

10 13 04 wastes from calcination and hydration of lime

17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil

17 05 04 soil and stones other than those mentioned in 17 05 03

17 05 06 dredging spoil other than those mentioned in 17 05 05

19 06 wastes from anaerobic treatment of waste

19 06 03 liquor from anaerobic treatment of municipal waste

19 06 04 digestate from anaerobic treatment of municipal waste

19 06 05 liquor from anaerobic treatment of animal and vegetable waste

19 06 06 digestate from anaerobic treatment of animal and vegetable waste

19 06 99 wastes not otherwise specified

19 08 wastes from waste water treatment plants not otherwise specified

19 08 05 Sludges from treatment of urban waste water

EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the Secretary of State, the conditions of a licence are modified, the licence holder may appeal from the decision to the Secretary of State.

Therefore, if you feel aggrieved by the decision detailed on the attached notice, you may obtain the appropriate form on which to give written notice of an appeal from :-

The Planning Inspectorate
Room 4/19 Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is –
The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 0117 372 8812
Fax: 0117 372 6093

Tel: 02920 823859
Fax: 02920 825150

This notice of appeal should be accompanied by the following information:

A statement of the grounds of appeal;

A copy of any application to modify the licence

A copy of the licence;

A copy of any correspondence relevant to the appeal;

A copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development and

A statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

You are also required to serve a copy of your notice of appeal, together with copies of any the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

General considerations

1.1 Specified waste management operations

1.1.1 No waste management operations shall be authorised by this licence unless:

- a specified in and undertaken in accordance with the limitations in sections 1 to 7 of the working plan and in the following table; or
- b otherwise required by the conditions of this licence as being an integral part of those operations:

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	Household Commercial and Industrial Wastes in liquid or sludge form which are suitable for application to land Under paragraph 7 of Schedule 3 of the 1994 Regulations. Agricultural wastes in liquid or sludge form.	Waste shall only be deposited in the lagoon via flexible pipe work and only at that point indicated on the plan JHW/003 in the working plan. No more than 4000t of waste may be stored at any one time. Notwithstanding the maximum storage limit a free board of at least 0.75m below the bund crest shall be maintained at all times. A visual level indicator, shall indicate maximum working levels. No treatment or blending of waste shall take place other than that which is incidental to storage, as described in 4.2.5 of the working plan.

1.2 Permitted wastes

Permitted categories and types of wastes

1.2.1 No wastes unless suitable for application to land under paragraph 7 of Schedule 3 of the 1994 Regulations, and categorised in appendix I of this licence shall be accepted at the site.

Permitted quantities of wastes

1.2.2

The total quantity of waste accepted at the site per year shall be less than 75000 tonnes.

Table 1.2.2 Permitted quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities (tonnes/year)
Inert wastes	Not Permitted
Wastes containing List I substances	Not Permitted
Metal wastes	Not Permitted
Special Wastes	Not Permitted
Hazardous Wastes	Not Permitted
Degradable Household Wastes	74,999
Degradable Commercial Wastes	
Degradable Industrial Wastes	
Which are suitable for application to land Under paragraph 7 of Schedule 3 of the 1994 Regulations.	
Other wastes: Lime Powders	74,999

1.2.3

Notwithstanding the specification of permitted waste types under condition 1.2.1 above, wastes shall not be accepted at the site which have any of the following characteristics:

Table 1.2.3 Excluded wastes of specified form and type

Waste Form	Type
<i>Powders</i>	<i>Non-Special - excluding those listed in table 1.2.2</i> <i>Special</i>
<i>Waste containers</i>	<i>Packaged wastes – unmixed</i> <i>Packaged wastes – mixed</i> <i>Waste in skips</i>

1.3

Hours of operation

1.3.1

The following specified waste management operations authorised by this licence shall only be carried out within the times specified in section 1.4.1 of the working plan: Receipt of waste and all operations – section 1.7.2 of the working plan.

1.4 **Staffing and understanding of requirements of licence conditions and working plan**

Minimum staffing and supervision

1.4.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment or disposal operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence and the working plan regarding:

- a waste acceptance and control procedures;
- b operational controls and environmental monitoring;
- c maintenance;
- d record-keeping;
- e emergency action plans;
- f notifications to the Agency.

Availability of licence and working plan

1.4.2 A copy of this licence and the working plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence and working plan

1.4.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions and working plan which are relevant to their specific duties.

1.5 **Changes in technically competent persons**

1.5.1 Any changes in the technically competent management of the site and the name of any incoming person together with evidence that such person has the required technical competence shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations.

1.6 **Relevant convictions**

Notification of relevant convictions

- 1.6.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.6.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided.

1.7 **Maintenance of financial provision**

- 1.7.1 The financial provision for meeting the obligations under this Licence set out in the Licence Holder's guarantee, with the guarantee reference number TFPLDG226662 made between the Licence Holder and the agency, shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

1.8 **Amendments to working plan and supporting information**

Amendments to working plan requiring prior consent from the Agency

- 1.8.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to any section of the working plan or supporting information specifically referred to in this licence.

The notice shall be accompanied by a copy of the proposed changes, and by a written assessment of the effect that implementing the proposed change to the working plan would have on the risk posed by the site to human health and the environment.

The Licence Holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency, when required by the Agency in writing.

The proposed change to the working plan shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change, and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that section.

Amendments to the working plan requiring prior notification to the Agency

- 1.8.2 Except where it is specified under condition 1.8.1 above that the amendment of specified sections of the working plan requires the prior consent of the Agency, the Licence Holder shall give the Agency not less than 7 days prior written notice of any change to the working plan and to any appendices, drawings and figures which are referenced from those sections.
- 1.8.3 The notice shall be accompanied by a copy of the specified changes.
- 1.8.4 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.8.5 Such changes to the working plan shall be deemed to be incorporated in the working plan and implemented on the date specified to the Agency in the amendment notification

1.9 **Notification of change of operator's or holder's details**

- 1.9.1 The following information shall be notified in writing within 5 working days to the Agency:
- i any change in the Licence Holder's trading name, registered name or registered office address;
 - ii any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);

1.10 **Notification of preparatory works**

- 1.10.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

1.11

**Notification of commencement, cessation and
recommencement of waste handling operations**

Cessation and recommencement of receiving wastes

1.11.1

In the event that the site ceases receiving wastes for longer than 9 months then within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of recommencement. In the event that the site recommences receiving wastes sooner than the notified date then the Licence Holder shall give the Agency not less than 1 days, prior notice.

1.12

Notifications and submissions to Agency

1.12.1

Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:

- a** shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
- b** shall quote the licence reference number and the name of the Licence Holder.

Site engineering for pollution prevention and control

2.1

Engineered site containment and drainage systems

Provision and maintenance of site containment and drainage systems

2.1.1

No waste or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations shall be deposited, stored, treated or otherwise handled in any area of the site after 1 April 2003 unless the proposals for the engineered site containment and drainage system has been submitted to the Agency and agreed in writing.

The proposals shall include,

- a** Layout of areas of hardstanding;
- b** Layout of areas of impermeable pavement;
- c** Construction of the lining system of the storage lagoon.
- d** Completion date for the engineering work.
- e** Layout of drainage systems, including details of the following, where provided:
 - i** kerbing;
 - ii** sumps;
 - iii** sealed drainage;

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Lagoons	Any Lagoons (and their associated inlet and outlet pipes and valves) used for the storage of potentially polluting liquid or sludge shall be constructed in accordance with the following specification: The Lining shall be constructed to provide for a permeability equivalent to a layer of clay of 1m thickness with a permeability of $1 \times 10^{-9} \text{ ms}^{-1}$. (This permeability relating to any of the wastes and their components likely to be placed within the lagoon) Notwithstanding the above no installation work shall take place unless the Agency has agreed the specifications for the lining system and a Quality Assurance plan for its installation and validation. Maintenance; No waste shall be placed in the lagoon unless a full maintenance schedule, including inspection and regular monitoring, has been submitted to and agreed by the Agency. Emergency Action Plan; No waste shall be placed in the lagoon unless a comprehensive emergency Action Plan has been submitted to and agreed by the Agency.
Pipework	Pipelines are to be portable and shall be constructed and maintained to a standard fit for purpose to ensure potentially polluting leaks escaping to controlled water
Impermeable pavement	All areas of impermeable pavement shall be provided with a drainage system capable of containing all liquids that run off the pavement. Design of the system must be risk based and take account of the effects of rainfall and the ability of the system to prevent pollution of the environment, harm to human health and serious detriment to the amenity of the locality. Uncontaminated drainage from clean areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other similar material) and maintained such that the working surface: - shall remain even - shall not be subject to settlement or differential settlement - shall not be subject to rutting by vehicles even when wet - shall have sufficient durability to allow cleaning for example by scraping - shall remain free of standing water.
Inspection and maintenance of site containment and drainage	(i) All areas of hardstanding, impermeable pavement, drainage systems, storage areas and pipework shall be maintained so as to be fit

Table 2.1 Site containment and drainage standards

Type of Site Containment and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
---------------------------------------	---

- | | |
|------|--|
| | for purpose. Inspections shall be carried out in accordance with the maintenance schedule in section 3.3.2 of the working plan. |
| (ii) | In the event of any damage occurring which breaches the integrity of the lagoon, loading/unloading areas or pipelines so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or keeping waste in the affected area. Shall notify the Agency immediately, and shall not recommence importing waste into or keeping waste in the affected area until it has been repaired to a standard at least as good as the original specification. |

Construction quality assurance of site containment and drainage systems

2.1.2

No wastes shall be deposited, stored, treated or otherwise handled in any area for which an engineered site containment and drainage system has been constructed to meet the requirements of this licence until:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with condition 2.1.1;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency and has been acknowledged in writing by the Agency.

Inspection and maintenance of site containment and drainage systems

2.1.3

No waste shall be deposited at the site until a schedule for inspection and maintenance of containment and drainage systems has been submitted to the Agency. The inspection and maintenance shall as a minimum include:

- a** Daily level monitoring of the lagoon
- b** Annual surveys of the lagoon lining system to determine that the thickness and integrity are maintained

2.2 Provision of site identification board

2.2.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.

2.2.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working days.

2.2.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:

- a** Site name and address;
- b** Licence Holder name (company name, not individual name unless justified as necessary);
- c** Operator name (company name, not individual name unless justified as necessary);
- d** Licence number;
- e** Emergency contact name and telephone number (for security reasons, personal names and home phone numbers should not be used except where no alternative is practicable);
- f** Statement that the site is licensed by the Environment Agency;
- g** Agency national numbers: 0645 333111 and 0800 807060;
- h** Days and hours site is open to receive waste.

The location of the notice board should be such that it is clear that it does not designate areas outside the licensed site and does not encourage illegal tipping.

2.3 Site security

2.3.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans and livestock which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with table 3.2 below and sections 2.1.1, 2.1.2 and 2.2.1 of the working plan.

Table 2.2 Site security system standards

Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Operational standards	The site shall be kept closed and secure at all times when unattended.
Design standards	The perimeter of the site shall be secured as specified in section 2.2.1 of the working plan.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day, and recorded in the site diary. Any defects or damage shall be made secure by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All repairs shall be recorded in the site diary.

Site operations

3.1 Control of mud and debris

Prevention of mud and debris on road

3.1.1 Whenever the site is receiving or despatching measures shall be provided, operated and maintained in accordance with section 5.1.2, 5.1.3 and 5.1.4 of the working plan with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access outside the site.

3.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary using the specified equipment and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud and debris on road

3.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, remedial measures shall be implemented immediately, in accordance with section 5.1.6 and 5.1.7 of the working plan.

3.2 Potentially polluting leaks and spillages of waste

Potentially polluting leaks and spillages from vehicles, plant and equipment

3.2.1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes or other potentially polluting materials which are to be used in combination with those wastes in the specified waste management operations, in accordance with 5.2.2 and 5.2.4 of the working plan.

Control and remediation of leaks and spillages

3.2.2 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, in accordance with sections 5.2.6, 5.2.8, 5.2.9, 5.2.10, 5.2.11 and 5.2.12 of the working plan.

3.3 Fires on the site

Prohibition of unauthorised fires on site

3.3.1 No wastes shall be burned on the site.

Fire action plan

- 3.3.2 In the event of a fire on the site the actions specified in section 7.2 of the working plan shall be instigated.

3.4 Waste acceptance and control procedures

- 3.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with the standards specified in the following conditions

Waste stream numbering and analysis

- 3.4.2 All wastes which it is proposed to deposit at the site shall be given a unique waste stream number. The Waste Stream number shall relate to each waste arising from a single source (company) and process and in accordance with 4.1.4 of the working plan. For example Waste Stream 0001 is Bio sludge from ABC Ltd Waste Stream 0002 is DAF sludge from ABC Ltd Waste stream 0003 is Bio-sludge from XYZ Ltd
- 3.4.3 Prior to acceptance as suitable for deposit at the site each waste stream shall as a minimum have been analysed for those parameters set out in section 4.1.5 of the working plan plus any others which it would be reasonable to assume may be present in the waste giving consideration to its source.
- 3.4.4 If the waste stream satisfies the licence criteria for acceptance at the site a range of physico-chemical acceptance parameters shall also be specified for each waste stream e.g. pH range, specific gravity range colour, odour which will enable on-site checking of the consistency of each waste stream hereinafter referred to as the 'waste stream acceptance criteria'. Furthermore if the waste stream analysis shows that the waste will have an adverse reaction with any other waste stream or requires special procedures, this shall also form part of that waste stream's acceptance criteria.
- 3.4.5 No waste shall be accepted for deposit at the site unless it has been subject to the procedures set out in Conditions 4.4.2, 4.4.3 and 4.4.4.
- 3.4.6 Copies of the acceptance criteria for each waste stream shall be available to the person(s) controlling waste input to the site, said person(s) shall also be trained in the use of any equipment/procedures necessary to determine the acceptance criteria.

Waste acceptance procedures

- 3.4.7 Prior to deposit at the site a sample from each load shall be checked against the waste stream acceptance criteria for that waste set out in 3.4.4. If the parameters for that waste stream are exceeded a second sample shall be taken and re-tested. If the parameters are not met by the second sample the load shall be rejected and removed from the site in accordance with 4.1.20 and 4.1.22 of the working plan. If the waste stream analysis indicated adverse reactions with material already deposited at the site the waste shall be kept separate. If the waste stream analysis indicated the need for special procedures these shall be adhered to.

3.4.8 A load which has failed to satisfy the requirements of condition 3.4.7, shall not be accepted into the lagoon in accordance with 4.1.20, 4.1.21, and 4.1.22 of the working plan.

3.4.9 Records shall be kept of the criteria check(s) for each load deposited at the site, in accordance with section 4.1.24 and 4.1.25 of the working plan.

Waste sampling requirements

3.4.10 Prior to deposit at the site a sample of at least 500ml volume shall be taken from each load deposited at the site and labelled with the date, time of arrival on site and waste stream number. These samples shall be retained on site for at least 14 days before disposal into the lagoon and shall be made available to any authorised officer in accordance with 4.1.23 of the working plan.

3.4.11 Unless a lower frequency of analysis is agreed in writing with the Agency, a sample of waste shall be taken from at least every tenth load of each waste stream deposited at the site, and analysed in accordance with 4.1.23

3.4.12 The Agency may request up to 6 additional samples per year be subject to full analysis at the operators expense.

3.4.13 A sample shall be taken from the Lagoon at least every four weeks when waste is being stored, corresponding with the date of a weekly calculation carried out in accordance with condition 3.4.14 and submitted to analysis as per waste stream analysis in condition 3.4.3.

Stored waste composition.

3.4.14 At all times when wastes are being deposited or stored in the site a calculation of the composition of the waste stored in the lagoon shall be made and updated at least weekly based on the quantities of waste deposited and the waste stream analyses.

Submission of analysis and stored waste composition results

3.4.15 The following shall be supplied to the Agency within 14 days of the end of the calendar month in which the results are received, or any other reasonable date specified by the Agency.

- a** For each new waste stream
 - i** Copy of the Waste stream analysis;
 - ii** Waste stream acceptance criteria; and;
 - iii** Any contra indications or special procedures for that waste stream;
- b** Copies of weekly calculations of waste composition in the lagoon;
- c** Copies of the Lagoon contents analysis;
- d** Copies of any tenth load analyses; and
- e** Copies of any Agency requested analyses

Waste despatch procedures

- 3.4.16 All outgoing wastes shall be subject to the procedure set out in section 4.4.4 of the working plan.

Incompatible wastes

- 3.4.17 Incompatible wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall not be accepted into the lagoon.

3.5 **Waste quantity measurement systems**

Means of measurement

- 3.5.1 All wastes accepted at and despatched from the site shall be measured in accordance with section 4.5.1 and 4.5.2 of the working plan

3.6 **Removal of residual wastes from site**

- 3.6.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 12 months, then, notwithstanding the operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, decontamination of plant, equipment and engineered containment used in the specified waste management operations.

Pollution control, monitoring and reporting

4.1 **Groundwater monitoring and reporting systems**

4.1.1 The engineered external groundwater monitoring for any additional ground water monitoring wells to those referred to in 5.10.5 of the working plan shall be:

- a** designed, constructed, completed, and shall be fully documented and recorded; and all wells,
- b** inspected and maintained, fully documented and recorded.

Groundwater monitoring and sampling programme

4.1.2 Monitoring and sampling of groundwater boreholes indicated on plans JHW/002 and JHW/003 in appendix I of the working plan, shall be carried out and recorded in accordance with sections 5.10.6 and 5.10.7 of the working plan.

4.2 **Surface water quality monitoring and reporting systems**

Surface water monitoring and sampling programme

4.2.1 Monitoring and sampling of surface water points as indicated on plan JHW/003 in appendix I of the working plan, shall be carried out and recorded in accordance with sections 5.10.6 and 5.10.7 of the working plan.

Amenity management and reporting

5.1 **Control, monitoring and reporting of dusts, fibres and particulates**

5.1.1 All emissions to air from the specified waste management operations on the site shall be free from visible concentrations of dusts, fibres or particulates as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary.

5.1.2 In the event that any dusts, fibres or particulates arising from the site are released or are likely to be released onto public areas outside the site boundary in such quantities or concentrations that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, the actions specified in section 5.8.2 and 5.8.3 of the working plan, shall be implemented immediately.

5.2 **Control of odours**

5.2.1 All emissions to air from the specified waste management operations on the site shall be free from odours at levels as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary.

5.2.2 In the event that any odours arising from the site are released or are likely to be released onto public areas outside the site boundary at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, the actions specified in section 5.3.8 of the working plan shall be implemented immediately.

5.3 **Control of pests birds and other scavengers**

5.3.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the presence of pests birds and other scavengers on the site, in accordance with section 5.7.2 and 5.7.3 of the working plan.

5.4 **Control of litter**

5.4.1 Measures shall be implemented and maintained throughout the operational life of the site to control and monitor the escape of litter from the confines of the site, in accordance with section 5.5.2 of the working plan.

5.4.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and in any case by the end of the working day

Site records

6.1 **Security and availability of records**

Security of records

- 6.1.1 All records which are required to be made under the other conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with section 6.1.1 of the working plan.

Availability of records

- 6.1.2 All records which are required to be made under the other conditions of this licence and the working plan shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

6.2 **Records of waste movements**

Recording of wastes accepted and removed

- 6.2.1 A record shall be kept of all wastes received and of all materials (wastes and recovered materials) removed from the site. The records shall include the following for each vehicle load of waste/material:

for waste received:

- a** origin of waste
- b** date received
- c** quantities in tonnes received and waste type
- d** nature of the waste (liquid or sludge)

for waste/material removed:

- e** date removed
- f** quantities in tonnes removed and waste and/or material type
- g** destination of waste and/or materials removed
- h** nature of the waste and/or materials (solid, liquid or sludge)

Summary records of wastes accepted and removed

- 6.2.2 A summary record of the waste types accepted and removed from the site shall be made for each financial year and shall be submitted to the Agency within one month following the end of the financial year. The summary report shall be in the format specified in Appendix 2.

6.3

Site diary

A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events:

- a** construction work;
- b** maintenance;
- c** breakdowns;
- d** emergencies;
- e** problems with waste received and action taken;
- f** site inspections carried out by the operator;
- g** despatch of records to the Agency;
- h** severe weather conditions;
- i** environmental problems and remedial actions.
- j** details of times site contains waste
- k** attendance times of technically competent manager on site

Each record shall be completed within 24 hours of the relevant event.

6.4

Periodic reporting of environmental performance

6.4.1

The Licence Holder shall provide the Agency on an annual basis within three months following the end of the financial year, or such other time as is agreed in writing with the Agency, a report on the environmental performance of the site, which shall include the following information:

- a** an analysis and review of the environmental monitoring results recorded for the site under these conditions
- b** an assessment of the integrity of the lining of the lagoon including stability of the bund walls and a survey of the lining surface with a comparison with previous surveys.
- c** If the integrity assessment has shown areas of thinning or weakness in the lagoon lining, details of all remedial works proposed and a timetable for the instigation of said works.

6.4.2

If areas of thinning or weakness are detected as a result of the assessment required by condition 6.4.1 no waste shall be deposited in the site until such time as repair works have been carried out and their quality and integrity confirmed in accordance with condition 2.1.2

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

"accepted"

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

"authorised officer of the Agency"

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

"clinical waste"

has the meaning as defined in regulation 1(2) of the Controlled Waste Regulations 1992 or any statutory provisions amending or replacing them;

"consequences"

for **risk assessments** carried out within these conditions, means the adverse effects of harm as a result of realising a **hazard** which cause the quality of human health (other than health and safety of site staff or visitors to the site covered under the Health and Safety at Work Act 1974) or the environment to be impaired in the short or longer term;

"engineer"

for engineering works specified in these conditions, means a person who works in the relevant branch of engineering, as a qualified professional;

"engineered"

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

"engineered landfill containment system"

means all elements (other than leachate and landfill gas management systems, and intermediate and final caps), relating to engineered liners for final disposal to land, and incorporating liners for individual cells and the site as a whole, and including methods of liner protection and leakage detection;

"engineered site containment and drainage system"

means all elements relating to engineered containment of activities on the site, other than final disposal to land, and incorporating site surfacing, bunding and drainage systems, buildings and fixed tanks;

"engineering"

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

"engineering survey"

means a survey carried out in accordance with recognised or approved standards by a suitably qualified competent person;

"environmental targets or receptors"

for **risk assessments** carried out within these conditions, shall mean identified human and environmental populations or components, as specified in these conditions or otherwise agreed by the Agency within these conditions;

"groundwater"

means any water contained in underground strata;

"hazard"

means a property or situation that in particular circumstances could lead to harm;

"immediately"

for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

"inert waste"

means waste which when disposed of in or on land does not undergo any significant physical, chemical or biological transformation;

"landfill gas management system"

means all elements relating to landfill gas extraction from individual landfill cells and the landfill mass as a whole, and incorporating methods of landfill gas drainage, containment and the subsequent disposal system, whether it be a methane oxidation system, landfill gas flare, landfill gas engine(s) or otherwise, either on or off the site;

"leachate management system"

means all elements relating to leachate extraction from individual landfill cells and the landfill mass as a whole, and incorporating methods of leachate drainage, containment and the subsequent treatment and/or disposal system, either on or off the site;

"maintenance"

for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

"preparatory works"

means engineering works required prior to the carrying out of the activities authorised by this licence;

"probability"

means the quantified expression of chance, denoted either as:

- the ratio or percentage of the occurrence of a particular event as one among a number of possible events;

-
- or as the frequency of occurrence of a particular event in a given period of time;

"received"

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste;

"release pathways"

for **risk assessments** carried out within these conditions, shall mean the routes by which defined **hazards** may potentially realise their **consequences**, defined in terms of releases or emissions from the site that go beyond the site containment or boundary via one or more of the following routes, either directly or indirectly: **Land; Groundwater; Surface water; Atmosphere;**

"relevant offences"

are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

"risk"

means a combination of the **probability** and **consequences** of occurrence of a defined **hazard**;

"risk assessment"

means the systematic identification, analysis, estimation and evaluation within a defined **scope** of the defined **risks** of a particular activity, operation, process or design, carried out and reported by suitably qualified or competent persons, using recognised quantified or semi-quantified methods and techniques.

Unless otherwise agreed by the Agency within these conditions, a risk assessment shall include and record the following:

- definition of the **hazards** associated with an activity, operation, process or design;
- assessment of the **probability** of those **hazards** occurring;
- determination of the potential **consequences** of those hazards for defined **environmental targets or receptors**, taking into account defined **release pathways** and defined protective measures;
- evaluation of the potential **magnitude** of those consequences and the **probability** of their occurrence;

"scope of risk assessment"

means the boundaries of the **risk assessment** and the **risks** to be assessed within those boundaries, as defined in the conditions or otherwise agreed by the Agency within the conditions;

"special waste"

has the meaning as defined by regulation 2 of the Special Waste Regulations 1996 or any statutory provisions or regulations amending or replacing them;

"specified waste management operations"

means the waste management operations authorised by condition 1.1 of this licence;

"surface water management system"

means all elements relating to collection of rain water or surface water from individual landfill phases and the landfill site as a whole, and incorporating methods of water collection, containment and the subsequent treatment and/or disposal system, either on or off the site;

"surface water"

means any lake, pond, river or watercourse whether natural or artificial;

"the 1994 Regulations"

means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them.

"the Agency"

means the Environment Agency;

"the Licence Holder"

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

"the operator"

means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

"the site"

means the land, structures, plant and equipment to which this licence relates;

"time periods, e.g. annually, quarterly, monthly, per year, etc. "

Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

"waste"

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

"working plan"

means the working plan identified in writing by the Agency at the time of issue of this licence and any subsequent amendments to it made in accordance with the conditions of this licence.

Appendix 1

Permitted Waste types

01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 01	sludges from washing and cleaning
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treat off-site
02 01 07	wastes from forestry
02 01 99	wastes not otherwise specified
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
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 02 99	wastes not otherwise specified
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
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 05	sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 03	sludges from on-site effluent treatment
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
02 07 04	materials unsuitable for consumption or processing

02 07 05 sludges from on-site effluent treatment

03 01 wastes from wood processing and the production of panels and furniture

03 01 01 waste bark and cork

03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01

03 01 99 wastes not otherwise specified

03 03 wastes from pulp, paper and cardboard production and processing

03 03 01 waste bark and wood

03 03 02 green liquor sludge (from recovery of cooking liquor)

03 03 09 lime mud waste

03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10

03 03 99 wastes not otherwise specified

04 01 wastes from the leather and fur industry

04 01 02 liming waste

04 01 07 sludges, in particular from on-site effluent treatment free of chromium

04 01 99 wastes not otherwise specified.

04 02 wastes from the textile industry

04 02 10 organic matter from natural products (for example grease, wax)

04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19

04 02 21 wastes from unprocessed textile fibres

04 02 22 wastes from processed textile fibres

04 02 99 wastes not otherwise specified

10 13 wastes from manufacture of cement, lime and plaster and articles and product made from them

10 13 04 wastes from calcination and hydration of lime

17 05 soil (including excavated soil from contaminated sites), stones and dredging sp

17 05 06 dredging spoil other than those mentioned in 17 05 05

17 08 gypsum-based construction material

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01

19 06 wastes from anaerobic treatment of waste

19 06 03 liquor from anaerobic treatment of municipal waste

19 06 04 digestate from anaerobic treatment of municipal waste

19 06 05 liquor from anaerobic treatment of animal and vegetable waste

19 06 06 digestate from anaerobic treatment of animal and vegetable waste

19 06 99 wastes not otherwise specified

19 08 wastes from waste water treatment plants not otherwise specified

19 08 12 sludges from biological treatment of industrial waste water other than those mentioned in 19 08 1

19 08 14 sludges from other treatment of industrial waste water other than those mentioned in 19 08 13

19 08 99 wastes not otherwise specified

20 03 other municipal wastes

20 03 04 septic tank sludge