



**ENVIRONMENT
AGENCY**

Landfill conditioning plan

Waste management



For Environment Agency use only

Conditioning plan reference number

30058

Date received

Payment received?

No

Yes amount received

£

Landfill classification

PPC application?

No

Yes date required

Closure required?

No

Yes

Formal notification reference number

Pet cemetery?

No

Yes

Habitats Regulations review pack(s)

copies

Please read through this form and the guidance notes that came with it before you start to fill it in. Please write clearly in the answer spaces.

Who needs to submit a conditioning plan

You need to prepare a conditioning plan if

- you are the operator of an existing landfill site and
- you propose to accept waste after 16 July 2002.

Please refer to the covering letter that came with this form for further details.

When you need to make your submission

You need to submit the plan to us by 16 July 2002.

If you do not do so then you must stop accepting waste for disposal immediately. Your licence will remain in force.

If you do not complete the form properly your plan may be rejected and your site closed.

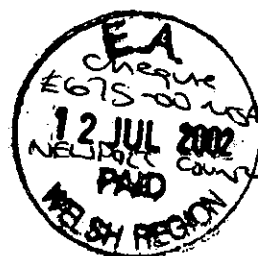
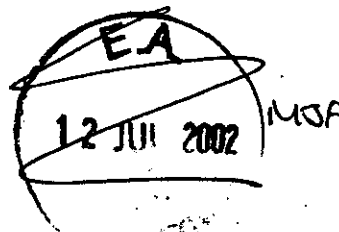
What is a conditioning plan?

Before completing this form you are advised to read the 'General regulatory guidance to landfill operators/licence holders' that came in the landfill conditioning plan folder. You can discuss this with us if you need to.

A conditioning plan for your landfill will comprise

- the completed form
- 3 copies of the scale drawing question B1.1
- the correct fee we will advise you of this separately in March.

You must use this form when submitting your conditioning plan. The completed form should tell us about any corrective measures to your site that you propose.



Buttington

What will it be used for

When we receive your plan we will decide if the site

- can continue to receive waste pending determination of the subsequent PPC permit application or
- should close.

There is more about this in 'Continued operation and any PPC application' on page 3.

Before you start to fill in the form

Please read through the questions and their guidance notes before you start as well as the other documents in the pack.

These are

- 1 *Landfill Directive: general regulatory guidance to landfill operators/licence/permit holders*
- 2 *Landfill Directive regulatory guidance note 1: classification of sites*
Outlines how we will undertake the process of classification, defines which sites will be affected by the Directive and describes the three classes of landfill.
- 3 *Landfill Directive regulatory guidance note 2: interim waste acceptance criteria and procedures*
Interim guidance on determining the types of waste your landfill will be able to accept, and the procedures for waste acceptance that you should provide.
- 4 *Landfill Directive regulatory guidance note 4: defining 'existing landfill sites'*
Defines
 - the area of land that constitutes a landfill site for the conditioning plan
 - the site as part of an installation for a PPC application.
- 5 *Landfill Directive regulatory guidance note 7: requirements for landfills that stop operating under the Landfill Directive.*
- 6 *Example of a scale drawing*
Shows you the type of details you need to include on the drawing, and how they should be shown.
You will be required to prepare a scale drawing of your landfill as part of your conditioning plan. This is explained in 'B1 Your landfill in relation to its local environment', page 7.

You may also have

- 7 *Landfill Directive regulatory guidance note 5: Habitats Regulations and the Landfill Directive*
- 8 *Habitats Regulations review pack*
The Agency has to review the impacts of existing landfills on certain vulnerable habitats.
The review pack details
 - any designated Habitats sites which may lie within the 5km 'buffer zone' around your landfill
 - the features of those sites which are at risk
 - the landfill-related hazards to which the features are vulnerable.

Before you fill the form in, we suggest you make a photocopy so you can prepare an initial draft. Once you have completed the 'good' copy, make sure you take a photocopy of it and your scale drawing to keep for your own records.

Continuation sheets

If you need more space for any of your answers, please use a continuation sheet. But make sure that you label each sheet clearly with the

- conditioning plan reference number, *you can find this on page 1 of the form*
- question number it applies to
- number of the sheet, *for example 3 of 5.*

How many conditioning plans you need to submit

You only need to submit one conditioning plan for your site, even if your landfill is subject to more than one licence or permit.

Fees

There will be a charge for processing and reviewing your conditioning plan.

We will write to you in March to let you know the fee.

Your plan must be accompanied by payment of the fees.

If you need help and advice

If you have any queries regarding the form, or the preparation of the relevant information, please contact the person named on the covering letter or your local Agency office. The address is stamped on the folder pocket.

Completing the form

A significant part of the effort in preparing your conditioning plan will be in providing the scale drawing of your site to the specification given in 'B1 Your landfill in relation to its local environment'. You may want to ask a land surveyor or mapping consultant to do this.

Parts of the form

There are 5 parts to the form.

Everyone has to fill in Parts A, B, E and C and/or D.

Part A – location and contact details

Part B – your landfill site

It comprises 7 sections

- 'B1 Your landfill in relation to its local environment'
- 'B2 Area covered by the conditioning plan'
- 'B3 Landfill classification'
- 'B4 Habitats at risk from your landfill'
- 'B5 Size of your landfill'
- 'B6 Wastes accepted on your site that are banned under the Landfill Directive'
- 'B7 The waste acceptance procedures and criteria for your landfill'

Part C – Areas taking hazardous or non-hazardous wastes: current standards and corrective measures

Complete this for any area of landfill covered by your conditioning plan which

- has received
- is currently receiving
- is intended to receive

hazardous or non-hazardous wastes, including hazardous waste that is stable and non-reactive.

Part D – Areas taking inert wastes: current standards and corrective measures

Complete this for any area of landfill covered by your conditioning plan which has received and will receive only inert wastes.

Part E – Checklist, data protection and declaration.

Continued operation and any PPC application

Continued operation

If we decide that your landfill has a reasonable prospect of meeting the standards in the Directive we will let you know

- that you can continue operating under current controls until you have a PPC permit
- the date by which you must make your PPC application.

The date will be based on the information you give in your conditioning plan.

PPC application timetable

Sites that pose the biggest environmental risk will generally need to apply earlier than those with a smaller risk. The Agency will assess risk according to the features of your landfill such as types of waste to be accepted, types of engineering required and location in relation to groundwater, surface water, dwellings and Habitats sites.

Most of this information should be contained in your conditioning plan.

In all cases we will give you at least 6 months notice of the date when your application is required.

Closure

If we consider that your site needs to close, we will discuss this with you as soon as possible.

A About the operator and site location

The primary responsibility for completing this form is on the operator. The operator is the legal entity (company/partnership or individual) who has day-to-day control of the operation of the landfill.

Where the operation of the landfill is authorised by a PPC permit, the operator and the holder of the permit will be the same person. However, this might not be the case where the landfill is authorised by a waste management licence. Where the operator and the licence holder are different both parties should complete the declaration in Part E.

A1 Contact details

A1.1 Please give us details of someone we can contact (who has the authority to act on your behalf) with questions about the conditioning plan

This can be someone acting as an 'agent' for the operator.

Name

Title MR	First LYNDON
Surname UNDERWOOD	
Position OPERATIONAL MANAGER	
Address DOCKSWAY DISPOSAL SITE	
DOCKSWAY	
NEWPORT	
Postcode NP20 2NS	
Phone 01637 842 515	
Fax 843 315	
Email LYNDON.UNDERWOOD@NEWPORT.GOV.UK	

A2 Operator details

A2.1 Is the operator

- ☒ a company or corporate body go to question A2.2
☐ a partnership go to question A2.3
☐ an individual (sole trader) or group of individuals go to question A2.4

A2.2 Please give us the following details.

Full name of company or corporate body

NEWPORT CITY COUNCIL

Trading/business name (if different)

Registered office address

CIVIC CENTRE
NEWPORT
SOUTH WALES
Postcode **NP20 4UR**

Principal office address (if different)

Postcode

Company registration number

Date of formation of company

- For companies, please provide a copy of the certificate of incorporation and any certificates of subsequent name changes.
- For other corporate bodies please provide evidence of status.

Now go to question A2.5

A2.3 Please give partnership details

We need details of each person in the partnership. Continue on separate sheets if you need to.

Partner 1

Full name
Date of birth

Principal place of business

Postcode

Contact numbers

Phone
Fax

Partner 2

Full name
Date of birth

Principal place of business

Postcode

Contact numbers

Phone
Fax

Now go to question A2.5

A About the operator and site location *continued*

A2.10 Will the current operator still be the operator on 16 July 2002?

No ☐ please give the new operator's details below

Yes ☒

Not known at present ☐

New operator: company or corporate body

Full name of company or corporate body

Trading/business name (if different)

Registered office address

Postcode

Principal office address (if different)

Postcode

Company registration number

Date of formation of company

New operator: individual, group of individuals or partnership

We need details of each person in a group or a partnership
Continue on separate sheets if you need to.

Person 1

Full name

Date of birth

Trading/business name, if any

Principal place of business

Postcode

Contact numbers

Phone

Fax

Person 2

Full name

Date of birth

Trading/business name, if any

Principal place of business

Postcode

Contact numbers

Phone

Fax

A3 Location of the landfill

A3.1 Address and location of site

Address	DOCKSWAY WASTE DISPOSAL SITE
	DOCKSWAY
	NEWPORT
Postcode	NP20 2NS

If the address is not clear, please give a description of the location of the site

A3.2 Please give one Ordnance Survey national grid reference for the site

You can find OSNGRs on an Ordnance Survey map.

For example, ST 123 456

OSNGR for the site entrance

S	T	3	0	5	8	5	3
---	---	---	---	---	---	---	---

or

OSNGR for the centre of the site

--	--	--	--	--	--	--	--

B About your landfill site

Before going any further please read

- *Regulatory guidance note 1: classification of sites*
- *Regulatory guidance note 4: defining 'existing landfill sites'*

These documents are included in the landfill conditioning plan folder. You can discuss their contents with us if you need to.

B1 Your landfill in relation to its local environment

B1.1 Please enclose 3 copies of the scale drawing with the form.

The purpose of the scale drawing is to identify the

- extent of the existing landfill site
- features of the local environment which may be impacted by your landfill.

This will help us to evaluate the rest of your conditioning plan.

The scale of your drawing should be 1:2500, or other recognised scale that is sufficient to show the following details, on one sheet of paper of maximum A0 size (840 x 1188mm).

You should follow the style and notation of the sample drawing that we have sent you.

Make sure the conditioning plan reference number is written on every copy of the scale drawing.

You can find this number in the first column of page 1.

What the drawing must include

The drawing label must include the

- site name 'Anytown landfill site'
- name and address of the operator 'Anytown Waste Management Ltd'
- date the drawing was made
- scale of the drawing.

Your drawing should follow the enclosed example site drawing and show the following

- 1 boundary of the whole site
- 2 all areas of infilling of the site separately identified, for example Cell 1, Phase A
- 3 boundaries of any areas that were covered by licence/permits or resolutions which have been surrendered/rescinded. *These are not covered by the conditioning plan, but are required on the scale drawing for clarity.*
- 4 licensed area boundary, including any parts of the site that may have closed and 'contours' of this boundary at distances of 50, 250 and 500 metres.
- 5 closed area boundaries *These are not covered by the conditioning plan, but are needed for clarity.*
- 6 existing operational area boundaries, as listed – including a note stating
 - whether there is an engineered liner for that cell or phase and its type, for example clay, clay/bentonite etc.
 - the category of waste that has been or is being deposited in that cell or phase (as listed in the table on page 8)
- 7 boundaries of any areas which are currently licensed or permitted but not yet operational – and stating
 - whether there is an engineered liner for that cell or phase and its type, for example clay, clay/bentonite etc.
 - the category of waste that will be deposited in that cell or phase (as listed in the table on page 8)
- 8 any areas that overlap one another

- 9 the location of
 - the site entrance(s)
 - the waste reception and storage areas, including any current or planned storage bays
 - any surface water management discharge points to sewer or other route
 - any leachate treatment plant and/or discharge points to sewer or other route
 - any plant for the treatment, use (utilisation plant) and/or disposal (flaring) of landfill gas
- 10 the following environmental receptors, where they are within 500 metres of the boundary of the licensed area
 - domestic dwellings
 - schools and colleges
 - hospitals
 - sensitive habitats and environmental areas for example SSSIs
 - beaches
 - offices, industrial units and commercial premises
 - public footpaths or bridleways
 - major highways and minor roads
 - open spaces, parks and farmland
 - surface water bodies, including streams, rivers, canals, ponds, lakes.

These details will enable us to identify the environmental receptors that are at risk from your landfill.

Larger PPC installations

Where the landfill is part of a larger PPC 'installation', for example a cement works, then the conditioning plan must only cover the landfill site and associated infrastructure – not the whole 'installation'. You can show the extent of any such installation on your drawing but you must do this in a way that distinguishes it from the area covered by this conditioning plan.

Groundwater vulnerability

Please refer to the Agency's groundwater vulnerability maps posted on the Agency website
<http://www.environment-agency.gov.uk>

B1.2 Is your site on an aquifer?

- No ☒
- Yes ☐
- ☐ major aquifer
- ☐ minor aquifer

B1.3 Is your site within a source protection zone (SPZ)?

- No ☒
- Yes ☐
- ☐ SPZ1
- ☐ SPZ2
- ☐ SPZ3

B2 Area covered by the conditioning plan

When completing the table below, only include areas which have not been formally notified to us as having been closed by the time you submit your conditioning plan (16 July 2002 at the latest).

Identifying the landfill areas at licensed sites

There is an explanatory note on page 9 to help define the waste types. If you need more guidance, look at *Regulatory guidance note 4: defining 'existing landfill sites'* which came with this form.

You can photocopy this table or continue on separate sheets if you need to.

B2.1 Currently licensed and operational areas that will continue after 16 July 2002

Area identification as on scale drawing e.g. 'Cell 1', 'Phase A'	Licence/permit number	date issued	Wastes received tick all that apply per area					Expected date of final waste acceptance	
			hazardous	stable and non-reactive hazardous	non-hazardous	inert	bio-degradable	month	year
PHASE I	30058	7/4	☐	☐	☒	☒	☒		2005
PHASE II	30058 (Permit)		☐	☐	☒	☒	☒		2012
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		

B2.2 Currently licensed but not yet operational areas

Area identification as on scale drawing e.g. 'Cell 1', 'Phase A'	Licence/permit number	date issued	Wastes received tick all that apply per area					Expected date of final waste acceptance	
			hazardous	stable and non-reactive hazardous	non-hazardous	inert	bio-degradable	month	year
PHASE I / Cell 2	30058	24 May	☐	☐	☒	☒	☒		2005
PHASE II Cell	PERMIT	?	☐	☐	☒	☒	☒		2012
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		
			☐	☐	☐	☐	☐		

B About your landfill site *continued*

B2.3 Areas of the landfill that will be closed before 16 July 2002

This information is needed for clarity.

Resolution, licence or permit details

Area identification as on
scale drawing

e.g. 'Cell 1', 'Phase A'

number

date issued

date of closure

If you are not sure whether an area will be closed by 16 July 2002, include it in question B2.1.

If you do not, you will have to stop accepting waste in that area after 16 July 2002.

N/A			

Explanatory note

Biodegradable waste is waste that undergoes anaerobic or aerobic decomposition, for example food, garden waste, paper. They produce landfill gas as well as leachate which will occur in non-hazardous wastes, particularly municipal wastes.

Hazardous waste is waste that is listed under a 6-digit code on the Hazardous Waste List established under the Hazardous Waste Directive.

Visit <http://europa.eu.int/comm/environment/impel/wastelst.htm>

For the European Union's consolidated legislation on hazardous wastes see

http://www.europa.eu.int/eur-lex/en/consleg/pdf/2000/en_2000D0532_do_001.pdf

It can only be deposited in a hazardous waste landfill.

Inert waste is non-hazardous waste that does not

- undergo any significant physical, chemical or biological transformations
- dissolve
- burn
- physically or chemically react
- biodegrade or
- adversely affect other matter it comes into contact with in a way likely to give rise to environmental pollution or harm human health

and its

- total leachability and pollutant content and
- leachate ecotoxicity

are insignificant and, in particular, do not endanger the quality of any surface water or groundwater.

Municipal waste is waste from households, as well as other waste which, because of its nature or composition, is similar to waste from households.

Non-hazardous waste is waste which is not listed on the Hazardous Waste List, and includes for example

- municipal waste
- inert waste.

Stable and non-reactive hazardous waste is hazardous waste that

- has, for example, been solidified
- has leaching behaviour equivalent to that of non-hazardous waste
- meets certain criteria see *Regulatory guidance note 2: interim waste acceptance criteria and procedures* and
- may be deposited in a non-hazardous waste landfill.

B3 Landfill classification

You must decide which class of landfill site you wish to operate under the Directive. We will have advised you of our views on your site's classification based on the types of waste that it is currently authorised to accept ('preliminary classification').

Your proposals

The proposals must be appropriate for the class of landfill you intend to operate. Classification will affect the

- types of waste which you can accept onto your site
- timing and impact of some of the requirements of the Landfill Directive
- date you will be required to submit your subsequent application for a PPC permit (or variation of your existing permit, where one is already in force).

If the information you provide does not meet the requirements relevant to the proposed classification you have identified, then we may not accept your conditioning plan and may require you to close the site.

Hazardous waste

If we have advised that the landfill should be classified as a 'landfill for hazardous waste' then tick the 'Landfill for hazardous waste' box. However, in this case you can

- carry on operating as a hazardous waste landfill, in which case the site will be subject to the obligations on hazardous waste landfills set out in the Landfill Directive or
- stop taking hazardous waste by 16 July 2004 and operate as a non-hazardous landfill from then on, or
- stop taking hazardous waste by 16 July 2002 and opt for a non-hazardous or inert waste classification as appropriate.

In order to accept hazardous waste after 16 July 2002, the site must be formally classified by us as a landfill for hazardous waste.

Non-hazardous or inert waste

If we have advised that your site falls into either of the other two categories (non-hazardous or inert), this will have been based on the wastes currently permitted under the waste management licence and will help you to prepare your conditioning plan.

If you want to operate the site as a different class of landfill from the preliminary classification, your conditioning plan must reflect the change.

For non-hazardous or inert landfills, classification will not formally take place until a PPC Permit is issued.

Revising plans

You will not be able to revise your conditioning plan after 16 July 2002.

B3.1 Which class of landfill do you propose to operate?

You should read 'Regulatory guidance note 1: classification of sites', which came with this pack.

- ☐ hazardous waste
- ☐ hazardous waste changing to non-hazardous waste before 16 July 2004
- ☒ non-hazardous waste
- ☐ inert waste

B3.2 Is your site operated as a pet cemetery?

No ☒

Yes ☐

B4 Habitats at risk from your landfill

B4.1 Have you received a Habitats Regulations review pack with this form?

If we have sent one to you it will be in the folder that contained this form.

- No ☐ This means we have not identified any habitat sites within 5km of your landfill. *Please go to 'B5 Size of your landfill'*
- Yes ☒ This means we have identified at least one habitat site within 5km of your landfill that may be at risk from your activities. If your landfill is currently covered by more than one licence/permit, then you may have received more than one Habitats Regulations review pack.

If you have ticked 'yes' to this question you should read the following notes and study the contents of the Habitats Regulations review pack(s).

So-called 'habitats sites' have been identified in accordance with several European Directives. These sites must be protected in order to maintain a coherent ecological network within Europe. If there are any habitats sites within a 5km zone around your landfill you will need to assess the potential for your landfill to impact on the features of the site(s) that have led to its designation.

In many cases this assessment of risks to habitats sites will have to be carried out as part of a subsequent PPC permit application – **you do not need to undertake a full risk assessment now**. We are providing you with this information about habitats sites at this early stage to help you identify any extra measures that may be necessary to address particular risks. The Habitats Regulations review pack sets out the sensitive features of the habitats site(s) and the possible risks to these that could result from your landfill.

In reaching a decision on the PPC application we will have to consider your risk assessment and decide on the adequacy of any proposed remedial or preventative measures. Where affected landfills close before a PPC application is made a risk assessment will need to be carried out at the point of closure.

B5 Size of your landfill

B5.1 Will the site accept more than 10 tonnes of waste in any one day?

- No ☐
- Yes ☒

B5.2 Is the total overall capacity (not just the remaining void-space) of the site greater than 25 000 tonnes?

- No ☐
- Yes ☒

B6 Wastes accepted on your site that are banned under the Landfill Directive

Sites classified as hazardous waste landfills have to stop accepting other types of waste after 16 July 2004.

B6.1 Please complete the following table.

Implementation dates differ depending on the type of waste accepted.

Banned wastes currently accepted

Do you accept, in your currently operational areas, any of the following	Final dates for accepting those wastes at landfills for			
	No	Yes	hazardous	non-hazardous and inert
Liquid waste <i>including waste waters but excluding sludge</i>	☒	☐	July 2002	July 2002–2007
Waste, which in the conditions of landfill is explosive, corrosive, oxidising, highly flammable or flammable <i>see 'Notes' below</i>	☒	☐	July 2002	July 2002
Hospital and other clinical infectious wastes from medical or veterinary establishments	☒	☐	July 2002	July 2002
Chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown	☒	☐	July 2002	July 2002
Whole used tyres <i>other than tyres used as engineering materials, bicycle tyres and tyres with an outside diameter of more than 1400mm *</i>	☒	☐	July 2003	July 2003
Shredded tyres <i>other than bicycle tyres and tyres with an outside diameter of more than 1400mm *</i>	☒	☐	July 2004	July 2006
Any other waste that does not fulfil the relevant waste acceptance criteria for this class of site	☒	☐	July 2002	July 2002–2007
Waste which has been diluted or mixed solely to meet the relevant waste acceptance criteria for this class of site	☒	☐	July 2002	July 2002–2007

* From 16 July 2004 hazardous sites can take hazardous waste only. Other waste types, for example tyres, can no longer be accepted.

B6.2 Do you currently dispose of hazardous and non-hazardous waste together?

No ☒

Yes ☐ *you can continue to co-dispose hazardous and non-hazardous waste until July 2004, provided your site is classified as a landfill for hazardous waste.*

Notes

Definitions for the purposes of the Directive

1 explosive

substances and preparations which may explode under the effect of flame or which are more sensitive to shocks or friction than dinitrobenzene

2 corrosive

substances and preparations which may destroy living tissue on contact

3 flammable

liquid substances and preparations having a flash point equal to or greater than 21°C and less than or equal to 55°C

4 highly flammable

- liquid substances and preparations having a flash point below 21°C (including extremely flammable liquids) or
- substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application of energy or
- solid substances and preparations which may readily catch fire after brief contact with a source of ignition and

which continue to burn or be consumed after removal of the source of ignition or

- gaseous substances and preparations which are flammable in air at normal pressure or
- substances and preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities

5 infectious

substances containing viable micro-organisms or their toxins which are known or reliably believed to cause disease in man or other living organisms

6 oxidising

substances and preparations, which exhibit highly exothermic reactions when in contact with other substances, particularly flammable substances.

B7 The waste acceptance procedures and criteria for your landfill

You should refer to *Regulatory guidance note 2: interim waste acceptance criteria and procedures* when completing this section.

About your waste acceptance procedures

B7.1 Do they ensure that banned wastes are not accepted at your landfill?

No ☐

Yes ☒

Level 1 checks

B7.2 Do you ensure Level 1 checks are carried out on the wastes?

You must ensure that the waste has been characterised before it is delivered to your landfill.

No ☐

Yes ☒

Level 2 checks

B7.3 Do you carry out Level 2 checks on the wastes?

You must check that wastes conform to their basic characterisation.

No ☐

Yes ☒

Level 3 checks

B7.4 Do you carry out Level 3 checks on the wastes?

You must inspect the waste at the landfill entrance and at the point of deposit to check that it matches the transfer note.

No ☐

Yes ☒

B7.5 Do you keep Level 2 samples and the results of the analyses for at least one month?

No ☐

Yes ☒

B7.6 Do you check that waste has been treated before accepting it at your landfill?

No ☐

Yes ☒

B7.7 Do you keep a register showing the following?

- the quantities of waste deposited
- its characteristics
- its origin
- the dates of its delivery
- the identity of the producer or, in the case of municipal waste, the collector
- the precise location of any hazardous waste on the site

No ☐

Yes ☒

B7.8 Do you provide a written receipt to the person delivering the waste?

No ☐

Yes ☒

B7.9 Do you let us know as soon as reasonably possible if you have rejected a delivery?

You must let us know about any rejections within 7 days.

No ☐

Yes ☒

B7.10 Do the currently accepted wastes meet the relevant national waste acceptance criteria?

Please see 'Regulatory guidance note 2'.

No ☐

Yes ☒

B7.11 Have you answered 'no' to any of the questions in section 'B7 The waste acceptance procedures and criteria for your landfill'?

No ☒ go to 'Engineering guidance for Parts C and D' overleaf

Yes ☐ please give details of any corrective measures you intend to take

Engineering features of a landfill

The Landfill Directive uses a number of terms relating to the natural geological barriers and engineered features of landfills. The diagram illustrates the Agency's interpretation of these terms.

Corrective measures

The conditioning plan will identify whether

- existing measures are sufficient to meet the Directive's requirements or
- corrective measures will be needed and how you plan to deliver them.

You should note that the Landfill Directive does not require retrospective basal re-engineering of existing areas. The hydrogeology of your landfill is determined by its location.

The diagram is illustrative. It does not set minimum or maximum standards that apply to every site.

For example

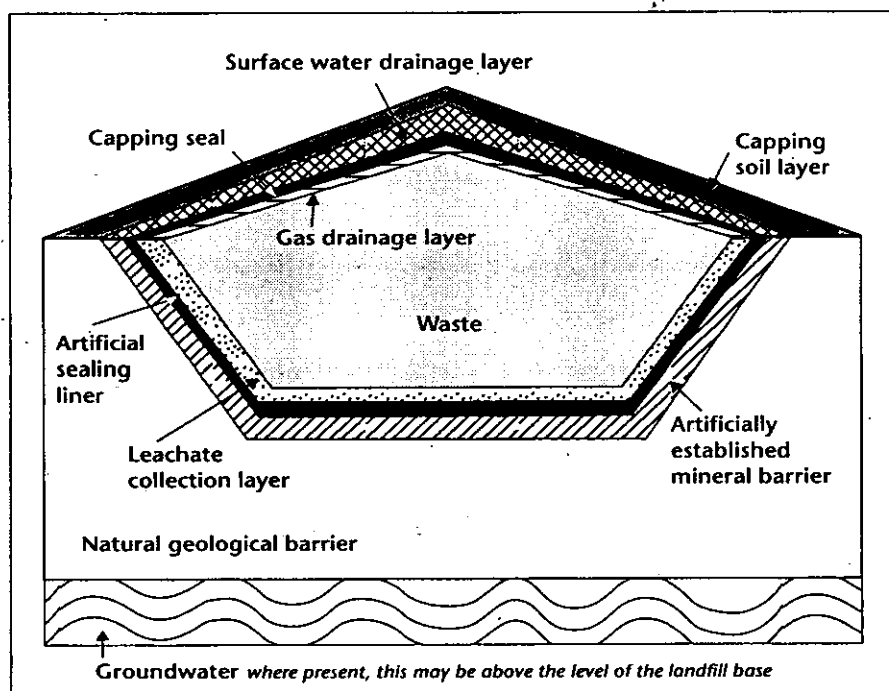
- the capping measures are not mandatory requirements
- in some cases the artificial sealing liner and the leachate collection layer may not be required
- inert waste landfills may not require an artificially established mineral barrier in addition to any natural geological barrier.

Risk assessment carried out when a PPC application is submitted will be used to identify the detailed engineering requirements.

You can find more detailed practical guidance in 'Regulatory guidance note 6: Interpretation of the engineering requirements of Annex 1 of the Landfill Directive', which will be available on our website from February 2002.

<http://www.environment-agency.gov.uk>

Features of a landfill



- Seals: capping and liners** may be required where it is necessary to
 - control leachate formation
 - collect leachate
 - collect landfill gas
 These can consist of natural or synthetic materials installed to quality assured standards
- Gas drainage layer** required where gas collection is necessary
- Leachate collection layer** required where there is an artificial sealing liner
Engineered to quality assured standards
- Artificially established mineral barrier** required where natural geological barrier cannot provide adequate attenuation capacity
Engineered to quality assured standards

C Areas taking hazardous or non-hazardous wastes: current standards and corrective measures

You must complete this part for any areas of the landfill covered by this conditioning plan which

- have received
 - are currently receiving
- are intended to receive*

hazardous or non-hazardous wastes.

This includes areas

- where hazardous waste is co-disposed with non-hazardous wastes
- that are currently licensed and operational and will continue to accept waste after 16 July 2002
- that are currently licensed but not yet operational.

Your answers in 'B2 Area covered by the conditioning plan' on page 8 will have identified the relevant areas.

The diagram on page 14 shows the features we ask about in this section.

C1 Engineering and infrastructure for your landfill

Schedule 1 of the Landfill Directive sets requirements for the engineering of landfill areas that take hazardous or non-hazardous wastes.

We therefore need to know whether the engineering and infrastructure of your landfill meet these requirements and whether you are intending to provide any corrective measures.

You will be required to submit full details of the engineering measures you will be providing with your PPC application. These will either

- have to meet the minimum standards defined in the Schedule 1 of the Landfill Directive, or
- be supported by a detailed environmental risk assessment.

Barriers and liners, including leachate collection layer, bottom sealing liner and capping

You need to demonstrate that appropriate measures shall be taken to

- control water from precipitation entering the landfill body
- prevent surface water and/or groundwater from entering landfilled waste
- collect contaminated water and leachate (*unless we agree that your landfill poses no potential risk to the environment*).

Barriers and liners

C1.1 Is there groundwater in surrounding strata which are above the level of the base of the landfill area?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☐

Yes ☐

C1.2 Is the groundwater level artificially maintained below the level of the base of the landfill area?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☒

Yes ☐

C1.3 Is there a natural geological barrier between the base of any of the landfill areas and the nearest groundwater?

No ☐ *go to question C1.5*

Yes ☒

C1.4 Is the maximum permeability (k) of this geological barrier $\leq 1.0 \times 10^{-9}$ metre/second?

'k' is the coefficient of permeability for the geological barrier. It is a measure of the rate at which liquid will move through the geological barrier, expressed in metres per second, under unit differential pressure.

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☒

Yes ☐

C1.5 Is an artificially established mineral barrier provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒ *go to question C1.7*

Yes ☐ *go to question C1.7*

For currently licensed but not yet operational areas.

No ☐ *go to question C1.7*

Yes ☒

C1.6 Have you carried out a stability analysis of the waste; the associated structures on the site and the geological substratum?

No ☐

Yes ☒

C1.7 Is an artificial sealing liner provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☐

Yes ☒

C1.8 Is a leachate collection layer provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☐

Yes ☒

C1.9 Is a gas drainage layer being provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐

Yes ☒

For currently licensed but not yet operational areas.

No ☐

Yes ☒

Capping

C1.10 Is a capping seal being provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐

Yes ☒

For currently licensed but not yet operational areas.

No ☐

Yes ☒

C1.11 Is a surface water drainage layer being provided as part of the capping?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐

Yes ☒

For currently licensed but not yet operational areas.

No ☐

Yes ☒

C1.12 Is a capping soil layer provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐

Yes ☒

For currently licensed but not yet operational areas.

No ☐

Yes ☒

C1.13 Are you intending to provide any corrective measures for your barriers and liners?

No ☒

Yes ☐ *please give details, for example, 'redesign and re-engineer the capping seal to prevent formation of leachate', or 'design and engineer the leachate management system for (say Cell 1 / Phase A) by (intended date)'*

C2 Management of leachate, surface water drainage and landfill gas

Extraction, treatment and disposal

Hazardous waste landfills and non-hazardous waste landfills must have measures in place to treat contaminated water and leachate collected from the landfill to the appropriate standard required for their discharge. This requirement may not apply if we are satisfied (on the basis of the information supplied in your subsequent PPC application) that your landfill poses no risk to the environment.

Leachate extraction can only be effective where there is a functioning leachate collection system. This section covers the part of the leachate extraction, treatment and disposal system which can be re-engineered if necessary following completion of the area.

C2.1 Is there an engineered and operational leachate management system in place now for all of these areas?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒ please give the date by which they will be in place

Yes ☐

For currently licensed but not yet operational areas

No ☒ please give the date by which they will be in place

WHEN THE AREA OPENS

Yes ☐

C2.2 Are you intending to provide any corrective measures for your leachate management system?

No ☒

Yes ☐ please give details, for example, 'redesign and re-engineer the capping seal to prevent formation of leachate', or 'design and engineer the leachate management system for (say Cell 1 / Phase A) by (intended date)'.

Surface water management

Hazardous waste landfills must have measures to

- control water from precipitation entering the landfill body
- prevent surface water from entering landfilled waste.

C2.3 Are the above measures in place now for all of these areas?

No ☐ please give the date by which they will be in place

Yes ☒

C2.4 Will they segregate uncontaminated surface water from surface water which is potentially contaminated?

For example by contact with waste or by other operational activities such as wheelwashes.

No ☐

Yes ☒

C2.5 Will they prevent surface water damage to the structure or integrity of the engineered landfill containment system, monitoring systems or final capping?

No ☐

Yes ☒

C2.6 Are you intending to provide any corrective measures for your surface water management systems?

No ☐

Yes ☒ please give details. For example, 'redesign and re-engineer surface water management system for (say Cell 1 / Phase A) to provide increased level of segregation and protection by (intended date)'.

REDESIGN & REENGINEER THE SYSTEM. CONCURRENT WITH PHASE II COMMISSIONING.

Landfill gas management

Landfills accepting biodegradable waste (whether hazardous or non-hazardous) must be provided with measures to

- control the accumulation and migration of landfill gas
- collect, treat and use the landfill gas if the gas cannot be used to produce energy, then it must be flared – see 'Using landfill gas' on page 19.
- collect, treat and use the landfill gas in a manner which minimises damage to or deterioration of the environment and risk to human health.

If your landfill

- has received
- is receiving
- will receive

biodegradable wastes then you will need to show you are using the landfill gas wherever possible.

For example, you may use it to generate electricity or for space heating.

Your scale drawing and answers to question B2.1 on page 8 will identify any areas that will have received biodegradable wastes. You will be required to monitor the landfill gas generated within the waste deposits in each of these areas, and sub-surface gas emissions that could migrate from your landfill.

If you currently co-dispose hazardous with biodegradable wastes, the Landfill Directive requires you to cease co-disposal before 16 July 2004. If you intend to operate the site as a landfill for hazardous waste after 16 July 2004 (and hence will have stopped accepting biodegradable waste), you will still need to provide gas management and monitoring measures for areas accepting biodegradable waste prior to that date.

If an area receives only non-biodegradable wastes, then gas management measures may not be required for that area.

C2.7 Are gas collection and control measures in place now for these areas?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐ please give the date by which they will be in place

Yes ☒

For currently licensed but not yet operational areas.

No ☐ please give the date by which they will be in place

PRE - landfill Phase II

Yes ☒

C2.8 Will they control the accumulation and migration of gas?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐ give the date when they will meet the standards?

Yes ☒

For currently licensed but not yet operational areas.

No ☐ give the date by which they will be in place?

Yes ☐

C2.9 Do the methods used to collect, treat and/or use the gas minimise damage to or deterioration of the environment and risk to human health?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐ give the date when they will meet the standards?

Yes ☒

For currently licensed but not yet operational areas.

No ☐ give the date by which they will be in place?

Yes ☐

C2.10 Are you intending to provide any corrective measures to your landfill gas management systems?

No ☒

Yes ☐ please give details, for example, 'redesign and re-engineer gas management system for (say Cell 1 / Phase A) to provide increased level of protection by (intended date)'.

Using landfill gas

The following information may help you decide whether you should be using your landfill gas rather than flaring it.

- **Size of site** – sites of less than 200,000 tonnes of waste are unlikely to produce enough gas to generate more than 750kW and are therefore of limited commercial interest. Many developers suggest that sites of less than 500,000 tonnes would not be commercially viable.
- **Geometry of site** – recoveries of landfill gas are high (up to 75 per cent) on large deep sites. It is often impractical to recover gas from shallow sites or peripheral areas of sites. It is generally accepted that the minimum depth from which landfill gas can be recovered is around 4m.
- **Gas flow rate** – it is generally accepted that a gas flow rate of between 600–750m³ per hour is required to generate 1MW. The flow rate refers to what can actually be recovered from the site and may be as little as 40 per cent of the theoretical gas production rate due to inefficiencies of the extraction system.
- **Waste composition** – it is generally accepted that if the waste within the site contains 75 per cent or more inert wastes, then landfill gas production will be minimal.
- **Gas schemes and location** – if a direct use scheme is being considered then it is generally accepted that the end user for the gas should be within 10km of the landfill site, otherwise the transport costs make schemes economically non-viable.

C2.11 Is a gas scheme planned for your landfill?

No ☐

Yes ☒ go to 'C3 Monitoring measures'

C2.12 Is the total capacity of your site

☐ up to 500,000 tonnes

☒ more than 500,000 tonnes

C2.13 Is it likely that the total waste mass deposited will contain 25 per cent or more biodegradable wastes?

No ☐

Yes ☒

C2.14 Will the maximum depth of deposited waste in your landfill be more than 4m?

No ☐

Yes ☒

C2.15 Is the maximum predicted gas flow rate from your landfill estimated at more than 600m³ per hour?

No ☐

Yes ☐

C3 Monitoring measures

Quality control of your analytical operations

This must be carried out by competent laboratories using suitably accredited test procedures.

C3.1 Is quality control of your analytical operations carried out by laboratories using suitably accredited procedures?

No ☐ Go to question C3.2

Yes ☒ Which laboratory is undertaking the monitoring?

RENEWABLE Power Systems / Hydr
Shanks LAB SERVICES
BEDFORDSHIRE

C3.2 Do you intend to undertake any corrective measures?

No ☒

Yes ☐ please give details, for example, 'implement system of quality control of analytical operations for environmental monitoring, by competent laboratories taking suitably accredited test procedures by (intended date)'.

Landfill gas monitoring within the waste body

Landfills accepting biodegradable waste, whether hazardous or non-hazardous, must monitor landfill gas arising within the waste body.

Your scale drawing and answers to question B2.1 on page 8 will identify any areas that have received biodegradable wastes.

C3.3 Are monitoring measures now in place for all of the closed areas which have taken biodegradable wastes?

No ☒

Yes ☐

C3.4 Will monitoring measures be in place for each of the currently operational areas taking biodegradable wastes by the expected closure date?

No ☐

Yes ☒

C Areas taking hazardous or non-hazardous wastes: current standards and corrective measures continued

C3.5 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☒ please give details, for example, 'install/extend landfill gas monitoring system within the waste body' for (say Cell 1 / Phase A) to provide representative monitoring for each area by (intended date)'.

P. BRETT Consultants Working on
Monitoring Scheme for landfill site
8 New development Phase II

Monitoring of sub-surface landfill gas emissions

Landfills accepting biodegradable waste, whether hazardous or non-hazardous, must monitor sub-surface landfill gas emissions that could migrate from the landfill.

C3.6 Are sub-surface monitoring measures now in place for all of the areas which have received or will receive biodegradable wastes?

No ☐ please give the date by which they will be in place

Yes ☒

C3.7 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☒ please give details, for example, 'install/extend sub-surface landfill gas monitoring system within the waste body' for (say Cell 1 / Phase A) to provide representative monitoring for each area by (intended date)'.

P. BRETT ASSOC carry out
INVESTIGATIONS - Awaiting Recommendation

Leachate monitoring

You must provide representative monitoring of leachate for all the areas listed in question B2.1 on page 8 which have taken hazardous or non-hazardous wastes.

C3.8 Will all the currently licensed and operational areas continuing to accept waste after 16 July 2002 be covered by measures for representative monitoring of leachate?

No ☒

Yes ☐

C3.9 Will monitoring be in place for areas that receive hazardous wastes and which are closed or operational on 16 July 2004?

No ☒

Yes ☐

C3.10 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☒ please give details, for example, 'install leachate monitoring system for (say Cell 1 / Phase A) to provide representative monitoring of leachate from that area by (intended date)'.

PHASE I IMPROVEMENTS 02,

PHASE II 03/04

Surface water monitoring

You must provide representative monitoring of the water quality of any surface water body (streams, rivers, lakes, etc) which is likely to be affected by your landfill.

The scale drawing you provide in 'B1 Your landfill in relation to its local environment' will identify whether there are any surface water bodies at risk within 500 m of the licensed area of your landfill.

C3.11 Are there any surface water bodies within 500m of your landfill?

No ☒ go to 'Groundwater monitoring'

Yes ☐ continue reading this section

C3.12 Is surface water monitoring provided for all potentially affected water bodies?

No ☐

Yes ☒

C3.13 How many potentially affected water bodies have a directional flow?

☐ none

☒ one or more

C3.14 Will there be at least one monitoring point upstream and one downstream for each potentially affected water body?

No ☐

Yes ☒

C3.15 Do you intend to undertake any monitoring improvements?

No ☒

Yes ☐ please give details, for example, 'install surface water monitoring to provide representative monitoring of "brickworks pond" (intended date)'.

Groundwater monitoring

You need to provide representative monitoring of any groundwater that is at risk from your landfill.

C3.16 Are groundwater monitoring measures in place now?

No ☐ go to question C3.18

Yes ☒

C3.17 Is there at least one monitoring point at the inflow and two at the outflow for each groundwater body likely to be affected by the landfill?

No ☐

Yes ☒

C3.18 Will any new areas be sampled in at least three locations before the waste filling operations so that reference values for future sampling can be established?

No ☐

Yes ☐

C3.19 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☒ please give details, for example, 'install/extend groundwater monitoring to provide representative monitoring for groundwater in vicinity of landfill (intended date)'.

MORE GROUNDWATER BOREHOLE'S
AT THE LANDFILL SITE 02.
CONSTRUCTION OF BOREHOLE'S
PHASE II SITE INVESTIGATION

C4 Monitoring of the landfill structure and composition

You must provide monitoring of the structure and composition of your landfill.

C4.1 Are measures now in place to monitor

- surface occupied by the waste
- volume and composition of the waste
- the remaining capacity still available
- the settling behaviour of the landfill body?

No ☐

Yes ☒

C4.2 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☐ please give details, for example, 'implement measures to monitor the structure and composition of the landfill body in each area by (intended date)'.

C5 Operational measures

Stability of deposited waste

You must provide measures to ensure that any wastes deposited, and any associated structures, are stable and not subject to slippages.

The measures should include controls over

- phasing the deposits of waste within each cell
- the manner in which waste is discharged and compacted at the working face
- maximum and minimum gradients for the working face
- temporary phase/cell separation slopes
- the final slopes of the landform.

Nuisance and other risks

You must implement measures to minimise any nuisance or risks from

- birds, vermin and insects
- aerosols
- windblown material
- odour emissions
- dust emissions
- fires
- noise and on-site traffic.

Management of 'dirt'

You must ensure that dirt originating from the site is not dispersed onto public roads and the surrounding land. This will include

- prevention for example use of wheelwashes
- remediation for example use of road cleaners.

Site security

You must

- prevent free access to the site
- secure it outside operating hours
- detect and discourage illegal dumping on the site.

C5.1 Do your operational measures meet the standards outlined in this section?

	Are measures in place now?		Will measures be in place by 16 July 2004?	
	No	Yes	No	Yes
Site stability	☐	☒	☐	☒
Nuisance	☐	☒	☐	☒
Dirt management	☐	☒	☐	☒
Site security	☐	☒	☐	☒

C5.2 Do you intend to undertake any operational improvements?

No ☐

Yes ☐ please give details, for example, 'implement measures to minimise risks (say dust emissions, odour emissions, etc) from the landfill body in each area by (intended date)'.

C6 Plans for closure and aftercare

You will need to provide detailed plans of the aftercare phase of each of your landfill areas when you make your PPC application.

C6.1 Are plans for closure and aftercare in place for each area?

No ☐

Yes ☒

C6.2 Do these plans cover the following for each area

- ☒ procedures for ensuring that final waste levels are achieved
- ☒ access and site security once the area is closed
- ☒ proposed restoration of the area
- ☒ aftercare (post-closure) monitoring
- ☒ aftercare maintenance
- ☒ decommissioning, including removal of redundant facilities (such as leachate and landfill gas plant), and cleaning and backfilling of wells and lagoons

C6.3 Do you intend to undertake any corrective measures?

No ☐

Yes ☐ *please give details, for example, 'provide plans for closure and aftercare for each area of the landfill, and implement them on closure of those areas by (intended date)'.*

D Areas taking inert wastes: current standards and corrective measures

You must complete this Part for any area of the landfill covered by this conditioning plan which has received and will receive only inert wastes (as defined in the Landfill Directive – see 'Explanatory note' on page 9).

If the wastes deposited in an area are termed 'inert' under the current licence/permit, but do not fall within the definition of 'inert' given in the Landfill Directive, then that waste must be regarded as non-hazardous.

The standards in the Directive may be reduced where we consider it appropriate on the basis of the risk assessment submitted with your PPC application.

The diagram on page 14 shows the features we ask about in this section.

D1 Engineering and infrastructure for your landfill

We need you to complete this section so that we can identify the containment measures in place at your site, and the type of any corrective measures that you intend to provide.

Barriers and liners

D1.1 Is there a natural geological barrier between the base of any of the landfill areas and the nearest groundwater?

No ☒ go to question D1.3

Yes ☐

D1.2 Is the maximum permeability (k) of this geological barrier $\leq 1.0 \times 10^{-7}$ metre/second?

'k' is the coefficient of permeability for the geological barrier. It is a measure of the rate at which liquid will move through the geological barrier, expressed in metres per second, under unit differential pressure.

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☐

Yes ☒

Not known ☐

For currently licensed but not yet operational areas.

No ☐

Yes ☐

Not known ☐

D1.3 Is an artificially established mineral barrier provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☒

Yes ☐

D1.4 Is a capping soil layer provided?

For currently licensed and operational areas that will continue to accept waste after 16 July 2002.

No ☒

Yes ☐

For currently licensed but not yet operational areas.

No ☐

Yes ☐

D1.5 Do you intend to undertake any corrective measures?

No ☐

Yes ☐ please give details

PHASE II PETER BEATT ASSOC
INVESTIGATION OF INSITU CLAY,
INVESTIGATE suitable membranes

D2 Monitoring measures

Landfill gas monitoring

You must provide representative monitoring of landfill gas arising within the waste deposits in each of these areas.

You will need to provide details of the measures and of your monitoring programmes in your subsequent PPC application.

D2.1 Are measures in place now to monitor landfill gas arising within the body of the waste?

No ☐

Yes ☐

D2.2 Do you intend to undertake any corrective measures?

For example, 'install/extend monitoring system within the waste body for (say Cell 1/ Phase A) to provide representative monitoring of landfill gas by (intended date)'.

No ☐

Yes ☐ please give details

Surface water monitoring

D2.3 Are there any surface water bodies within 500m of your landfill?

No ☐ go to 'Groundwater monitoring'

Yes ☐ continue reading this section

You must provide representative monitoring of the water quality of any surface water body (streams, rivers, lakes, etc) which is likely to be affected by your landfill.

The scale drawing you provide in 'B1. Your landfill in relation to its local environment' will identify whether there are any surface water bodies at risk within 500 m of the licensed area of your landfill.

D2.4 Is surface water monitoring provided for all potentially affected water bodies?

No ☐ Will they be in place by 16 July 2004?

No ☐ go to question D2.7

Yes ☐

Yes ☐

D2.5 How many potentially affected water bodies have a directional flow?

☐ none

☐ one or more

D2.6 Will there be at least one monitoring point upstream and one downstream for each potentially affected water body?

No ☐

Yes ☐

D2.7 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☐ please give details, for example, 'install surface water monitoring to provide representative monitoring of surface water bodies in vicinity of landfill by (intended date)'.

Groundwater monitoring

You need to provide representative monitoring of any groundwater that is at risk from your landfill.

D2.8 Are groundwater monitoring measures in place now?

No ☐ go to question D2.10

Yes ☐

D2.9 Is there at least one monitoring point at the inflow and two at the outflow for each groundwater body likely to be affected by the landfill?

No ☐

Yes ☐

D2.10 Will any new areas be sampled in at least three locations before the waste filling operations so that reference values for future sampling can be established?

No ☐

Yes ☐

D2.11 Do you intend to undertake any monitoring improvements?

No ☐

Yes ☐ please give details, for example, 'install/extend groundwater monitoring to provide representative monitoring for groundwater in vicinity of landfill by (intended date)'.

D Areas taking inert wastes: current standards and corrective measures *continued*

Quality control of your analytical operations

This must be carried out by competent laboratories using suitably accredited test procedures.

D2.12 Is quality control of your analytical operations carried out by laboratories using suitably accredited procedures?

No ☐ Go to question D2.13

Yes ☐ Which laboratory is undertaking the monitoring?

D2.13 Do you intend to undertake any corrective measures?

For example, 'implement system of quality control of analytical operations for environmental monitoring, by competent laboratories taking suitably accredited test procedures by (intended date)'.

No ☐

Yes ☐ please give details

Monitoring of the landfill structure and composition

D2.14 Are measures now in place to monitor the structure and composition of the landfill body to give

- surface occupied by the waste
- volume and composition of the waste
- calculated remaining capacity still available
- the settling behaviour of the landfill body?

No ☐

Yes ☐

D3 Operational measures for areas receiving inert wastes

Stability of deposited waste

You must provide measures to ensure that any wastes deposited, and any associated structures, are stable and not subject to slippages.

The measures should include controls over

- phasing the deposits of waste within each cell
- the manner in which waste is discharged and compacted at the working face
- maximum and minimum gradients for the working face
- temporary phase/cell separation slopes
- the final slopes of the landform.

Nuisance and other risks

You must minimise any nuisance and risks from

- dust emissions
- noise and on-site traffic.

Management of 'dirt'

You must ensure that dirt originating from the site is not dispersed onto public roads and the surrounding land. This will include

- prevention for example use of wheelwashes
- remediation for example use of road cleaners.

Site security

You must

- prevent free access to the site
- secure it outside operating hours
- detect and discourage illegal dumping on the site.

D3.1 Do your operational measures meet the standards outlined in this section?

	Are measures in place now?	
	No	Yes
Site stability	☐	☐
Nuisance,	☐	☐
Management of dirt	☐	☐
Site security	☐	☐

D3.2 Do you intend to undertake any improvements to your operational measures?

No ☐

Yes ☐ *please give details, for example, 'implement measures to minimise risks from (say dust emissions, odour emissions, etc) the landfill body in each area by (intended date)'.*

D4 Plans for closure and aftercare

You will need to provide detailed plans of the aftercare phase of each of your landfill areas when you make your subsequent PPC application.

D4.1 Are the plans for closure and aftercare in place for each area?

No ☐ *go to question D4.3*

Yes ☐

D4.2 Do these plans cover the following for each area

- ☐ procedures for ensuring that final waste levels are achieved
- ☐ access and site security once the area is closed
- ☐ proposed restoration of the area
- ☐ aftercare (post-closure) monitoring
- ☐ aftercare maintenance
- ☐ decommissioning, including removal of redundant facilities

D4.3 Do you intend to undertake any corrective measures?

No ☐

Yes ☐ *please give details, for example, 'provide plans for closure and aftercare for each area of the landfill, and implement them on closure of those areas by (intended date)'.*

E Checklist, data protection and declaration

E1 Checklist

Please tick the box to confirm you are enclosing the items with this form.

- ☐ a copy of the certificate of incorporation and any certificates of subsequent name changes question A2.7
- ☐ evidence of corporate body status question A2.7
- ☒ 3 copies of your scale drawing question B1.1
- ☐ commercial confidentiality information if applicable, see folder notes for further details
- ☐ the correct fee as advised in March 2002.

£675-00

Continuation sheets

Make sure that you label each sheet clearly with the

- conditioning plan reference number you can find this in the first column on page 1
- question number it applies to
- number of the sheet, for example 3 of 5.

Please tell us how many continuation sheets you have enclosed.

0

E2 Data protection

The Environment Agency is responsible for regulating environmental protection, flood defence, water resources and fisheries. It has a duty to discharge its functions to protect and enhance the environment and to promote conservation and recreation.

The information provided will be processed by the Environment Agency to deal with your submission and for maintaining the relevant public register(s).

We may also process and/or disclose it in connection with the following:

- offering/providing you with our literature/services relating to environmental matters.
- consulting with the public, public bodies and other organisations (eg Health and Safety Executive, local authorities, emergency services, DEFRA on environmental issues)
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving our service.

We may pass it on to our agents/representatives to do these things on our behalf.

You should ensure that any persons named on this form are informed of the contents of this data protection notice.

E3 Warning and declaration

If you do not complete the form, we may not be able to process your plan. The letter that came with this form outlines the possible consequences of this.

Operators and licence holders must sign the declaration themselves, even if an agent is working on their behalf.

For a company or other corporate body – an authorised person should sign. For partnerships all partners must sign.

I certify that the information in this application and its attached documents is correct to the best of my knowledge.

Operator's signature(s)



Name S.P. DAVISON

Date 10/7/02

Name

Date

Name

Date

Licence holder's signature if different from the operator

Name

Date

E4 What happens next

Please send the completed form back to the address on the covering letter we sent you with this pack. We advise you to keep copies of everything you send us for your own record.

We will send you an acknowledgement when we receive the form.

If we have any questions about your conditioning plan, we may need to discuss them with you.

We will give you at least six months notice of when you will need to make a PPC application.