

Permit with introductory note

Pollution Prevention and Control (England and Wales) Regulations
2000

Landfill for Non-hazardous Wastes

**Hazel Lane Quarry
Catplant (Quarry) Limited
Hazel Lane
Hempole
Doncaster**

Permit number

BL4940

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Introductory note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No.1973) (as amended) (“the PPC Regulations”) to operate an installation carrying out one or more of the activities listed in Part 1 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

A non-technical description of the installation is given in the Application.

The main purpose of the activity/ies at the installation is: -

Permit holder	Permit Number	Date of Issue
None		

Holder	Reference Number	Date of Issue
None		

Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1.

Public Registers

Considerable information relating to Permits including the Application is available on public registers in accordance with the requirements of the PPC Regulations. Certain information may be withheld from public registers where it is commercially confidential or contrary to national security.

Variations to the permit

This Permit may be varied in the future. (by the Agency serving a Variation Notice on the Operator). If the Operator itself wants any of the Conditions of the Permit to be changed, it must submit a formal Application. The Status Log within the Introductory Note to any such variation will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made by the operator. For the application to be successful, the Operator must be able to demonstrate to the Agency that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, an Application to transfer the Permit has to be made jointly by the existing and proposed holders. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not comply with the conditions of the transferred Permit. If, however, the Permit authorises the carrying out of a specified waste management activity, the transfer will only be allowed if the proposed holder is also considered to be "a fit and proper person" as required by the PPC Regulations.

Status Log

Application BL4940	Received 21/08/01	Duly made date
Response to request for information	Requested date 21/12/01	Response dated 21/01/02
Response to request for information	Requested date 01/02/02	Response dated 20/02/02
Response to request for information	Requested date 27/05/02	Response dated 12/11/02 05/01/03
Response to request for information	Received March 2003 Consolidated Report	This supersedes all other requests for information
Request to extend determination	Request dated 27/02/02	Request accepted 05/03/02
Request to extend determination	Request dated 07/05/02	No response
Request to extend determination	Request dated 04/09/02	Request accepted 16/10/02
Request to extend determination	Request date 19/12/02	No response
Request to extend determination	Request date 19/02/03	Request accepted 26/02/03
Request to extend determination	Request date 23/04/03	No response
Request to extend determination	Request date 23/06/03	No response
Request to extend determination	Request date 23/08/03	No response
Request to extend determination	Request date 23/10/03	No response
Permit BL4940	Determined 03/12/03	

End of introductory Note.

[REDACTED]
Pollution Prevention and Control
(England and Wales) Regulations 2000
Landfill (England and Wales) Regulations
2002

Permit

Permit number

BL4940

Landfill Classification

Non- hazardous

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973), hereby authorises

Catplant (Quarry) Limited ("the Operator"),

Of/ whose Registered Office is

The Bungalow

Holmsley Lane

Brierley Gap

Barnsley

South Yorkshire

S72 9EX

Company registration number 1484482

to operate an Installation at

Hazel Lane Quarry

Hazel Lane

Hampole

Doncaster

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

Signed

[REDACTED SIGNATURE]

Paul Tullett

Authorised to sign on behalf of the Environment Agency

Date

03 December 2003

Permit number : BL4940

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Date of granting of permit: 3 December 2003

Conditions

1 The permitted installation

1.1 **Authorised activities**

1.1.1 The Operator is only authorised to carry out the activities and/or the associated activities specified in Table 1.1.1.

Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Limits of specified activity
Disposal of waste by landfill (section 5.2, Schedule 1, PPC Regulations 2000):	Landfill for non-hazardous waste	Receipt, handling, storage and disposal of non-hazardous wastes, consisting of the types and quantities specified in condition 2.2.1, as an integral part of landfilling.
Leachate management	Storage and treatment of leachate pre-discharge	Leachate arising from the landfill
Landfill gas management	Flaring and/or utilisation of landfill gas for energy recovery	Landfill gas arising from the landfill
Water discharges to controlled waters	Discharge of site drainage from the installation.	From surface water management system to point of entry to controlled waters
R4 Recycling/reclamation of other inorganic materials	Recovery of uncontaminated soil and hardcore from waste arriving at the site for on-site reclamation and /or construction	Within the footprint of the landfill earthworks

1.1.2 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the Waste Management Licensing Regulations 1994 (as amended), then the wastes which are authorised under condition 1.1.1 shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.1.3 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in blue on the plan attached below

2 Operational Matters

2.1 Management techniques and control

2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question B2.1 given in section 2.1	28/08/01
Response to Schedule 4 Part 1 Notices	Response to questions B2.1 in section 2.1 of document reference Consolidated Report which replaces the above sections in the application	March 2003

2.1.2 All plant, equipment and engineered measures used in operating the Permitted Installation shall be maintained in good operating condition.

2.1.3 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.

2.1.4 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

2.1.5 All staff shall be fully conversant with those aspects of the Permit conditions, which are relevant to their duties and shall be provided with adequate professional technical development and training and written operating instructions to enable them to carry out their duties.

2.1.6 Where Regulation 4 of the Regulations applies to a relevant activity/associated activity carried on at the Permitted Installation, as authorised under condition 1.1.1,

- a** any changes in technically competent management 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 prescribed under Section 74 of the Environmental Protection Act 1990.

- b** in the event of the Operator 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 of conviction, whether or not the conviction 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, any sentence, and any fine or other penalty imposed; and
- c** In the event that the Operator and/or any relevant person lodges an appeal against any such conviction, the operator shall notify the Agency of this within 14 days of the lodging. The Operator shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided; and
- d** The financial provision for meeting the obligations under this Permit set out in the [Operator's letter dated (include a serial number for identification) / Agreement made between the Operator and the Agency dated] shall be maintained by the Operator throughout the subsistence of this Permit and the Operator shall produce evidence of such provision whenever required by the Agency.

2.2 **Materials inputs**

Waste for Disposal

2.2.1 Subject to the conditions of this Permit, wastes shall only be accepted on the site if they are:

- a** specified in the list of defined types of waste in Table 2.2.1; and
- b** accepted in accordance with the list of waste types and quantities, as described in the documentation specified in Table 2.2.2, or as otherwise agreed in writing by the Agency; and
- c** accepted in accordance with the waste acceptance procedures and criteria, as described in the documentation specified in Table 2.2.3, or as otherwise agreed in writing by the Agency; and which shall meet the standards set out in Table 2.2.4.

Description
Non-hazardous waste
Stable, non-reactive hazardous wastes, provided that they shall not be deposited in cells used or intended to be used for biodegradable non-hazardous waste

Description	Parts	Date Received
Application	The response to question 2.2.1 given in section 2.3.0.16 of the application	28/08/01
Response to Schedule 4 Part 1 Notices	Response to questions 2.2.1 given in section 2.2 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question 2.2.1 given in sections 2.3.0.74 to 2.3.0.87 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.2.1 given in sections 2.2.1.6 to 2.2.1.69 of the Consolidated Report, which replaces the above sections of the application.	March 2003

Waste acceptance stage:	Standard:
Acceptance of wastes following delivery	<p>The documented waste acceptance procedures shall include the following reception procedures:</p> <p>Checking of the waste documentation submitted by the holder</p> <p>Visual inspection of the waste at the entrance to the landfill and at the point of the deposit</p> <p>Representative sampling of wastes</p> <p>Keeping a register of the of the following for the waste deposited: quantities, characteristics, origin, dates of its delivery, and identity of the producer or in the case of municipal waste the collector, and in the case of hazardous waste, its precise location on site.</p> <p>The operator on accepting each delivery of waste shall provide a written receipt to the person delivering it</p>

2.2.2 The total quantity of waste which shall be deposited in the landfill shall not exceed 1.13 million cubic metres.

2.2.3 The quantity of waste which is deposited in the landfill shall not exceed 200,000 tonnes in any year.

Raw materials (including water)

The Operator shall, subject to the conditions of this Permit, use raw materials (including water) as described in the documentation specified in Table 2.2.5, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.2 given in section 2.2.1 of the application.	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.2 given in section 2.2.3 of the Consolidated Report, which supplements section 2.2.1 of the application.	March 2003

2.3 **Operating Techniques**

Preparation of engineering and infrastructure for cells

- 2.3.1 All cells and phases shall meet the standards specified in Table 2.3.1, unless otherwise agreed in writing by the Agency:
- a** the barriers and liners, including the leachate collection layer
 - b** final capping or surface sealing
 - c** the landfill gas management system
- 2.3.2 The engineering and infrastructure shall, subject to the conditions of this Permit, be designed, constructed and subjected to Construction Quality Assurance, and thereafter inspected and maintained as described in the documentation specified in Table 2.3.2, or as otherwise agreed in writing by the Agency.
- 2.3.3 Individual cells or phases of the landfill shall not be brought into operation until the pre-operational engineering and infrastructure of the barriers and liners and the leachate collection layer have been completed and validated in accordance with the documented procedures specified in condition 2.3.2, and the Agency has been notified in writing of this and has confirmed in writing that it has no objection to that cell or phase becoming operational.

Description	Parts	Date Received
Application	The response to questions 2.3 and given in sections 2.3.0.21 to 2.3.0.57 and 2.3.4 of the application.	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.1 of the Consolidated Report, which replaces the above sections of the application.	March 2003

Description	Parts	Date Received
Application	The response to questions 2.3 given in section 2.3 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in sections 2.3.1 and 2.11 of the Consolidated Report, which replaces above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to questions 2.3 given in sections 2.3.2.3 to 2.3.2.11 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.2 of Consolidated Report, which replaces the above sections of the application.	March 2003

Description	Parts	Date Received
Application	The response to questions 2.3 given in sections 2.3.0.59 to 2.3.0.69 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.4 of the Consolidated Report, which replaces the above sections of the application.	March 2003

Description	Parts	Date Received
Application	The response to questions 2.3 given in section 2.3.2 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.5 of Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to questions 2.3 given in section 2.3.1 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.3 of Consolidated Report, which replaces the above section of the application.	March 2003

2.3.4 The following measures shall be provided and operated using the techniques and in the manner described in the documentation specified in Table 2.3.4, or as otherwise agreed in writing by the Agency.

- a** Leachate management
- b** Landfill gas management
- c** Surface water management
- d** Handling of incoming wastes, including waste discharge and emplacement
- e** Control of emissions of dusts and aerosols to air
- f** Odour management
- g** Control of birds, vermin and insects
- h** Control of windblown materials, including litter
- i** Control of dirt



Description	Parts	Date Received
Application	The response to questions 2.3. and given in section 2.3.2.3 to 2.3.2.11 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.2 of the Consolidated Report, which replaces the above sections of the application.	March 2003



Description	Parts	Date Received
Application	The response to question 2.3. given in section 2.3.1 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.3 of the Consolidated Report, which replaces the above section of the application.	March 2003



Description	Parts	Date Received
Application	The response to question 2.3. given in section 2.3.2 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.5 of the Consolidated Report, which replaces the above section of the application.	March 2003



Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.5 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.6 of the Consolidated Report, which replaces the above section of the application.	March 2003



Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.3.3 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.8 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 4.1.1.9 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.9 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 4.1.1.14 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.10 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 4.1.1.13 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.3.11 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 4.1.1.12 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.3.12 of the Consolidated Report, which supplements the above section of the application.	March 2003

2.3.5 The wastes specified in Table 2.3.3 shall only be stored on the site in the location and manner specified in that Table.

Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
Wastes undergoing acceptance procedures	Plan No C5772/5a	Storage area	Engineered impermeable pavement
Rejected incoming wastes awaiting removal from site	Plan No C5772/5a	Quarantine Area	To be removed from site within 24 hours of the container becoming full, and in any event within 5 days of receipt at the site

2.3.6 Wastes shall be emplaced in each cell in such a way as to ensure stability and to avoid slippages of the mass of waste and the associated engineering and infrastructure for that cell.

2.4 Groundwater protection

2.4.1 Subject to the terms of this condition, the activities of disposal, or tipping for the purpose of disposal, of waste, that are authorised by this permit shall cease 3½ years from date of issue of this Permit, unless by that date the operator has submitted to the Agency a written review of the Report detailed in Table 2.4.1 which shows that, at the specified date, the level of risk to groundwater meets the terms of the Groundwater Regulations 1998.

Description	Parts	Date Received
Application	The response to question B2.4. given in section 2.4 of the application and the Groundwater Risk Assessment (Issue 3)	28/08/01 17/07/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.4 given in section 2.4 of the Consolidated Report , which supplements the above section of the application, and the Groundwater Risk Assessment (Issue 6)	March 2003 January 2003

2.4.2 In the event that the continuation of activities is authorised in accordance with this condition beyond 4 years following the date of granting of this Permit, they shall cease on every fourth anniversary thereafter, unless, by each of those dates, the operator has submitted to the Agency a further written review of the Report which shows that, at the specified dates, the level of risk to groundwater meets the terms of the Groundwater Regulations.

Investigation and risk assessment

2.4.3 The reviews submitted to the Agency shall include the results of any investigations and reviews carried out, and, in particular, reviews of the following aspects of the Report :

- a** recommendations of the essential technical precautions which must be taken, paying particular attention to the nature and concentration of the substances present in the matter being disposed of or tipped, the characteristics of the receiving environment and the proximity of the water catchment areas, in particular those for drinking, thermal and mineral water;
- b** recommendations of the technical precautions necessary:
 - i** In the case where groundwater is considered to be permanently unsuitable for other uses, to ensure that no substance in list I can reach other aquatic ecosystems or harm other ecosystems, to ensure that the presence of any list I substance once discharged into the groundwater will not impede exploitation of ground resources and to prevent pollution of groundwater by list II substances; and
 - ii** in the case where groundwater is not considered to be permanently unsuitable for other uses, to prevent any discharges into groundwater of substances in list I and to prevent any pollution of groundwater by substances in list II.

2.5 **Handling and storage of outgoing wastes**

2.5.1 The Operator shall, subject to the conditions of this Permit, handle and store waste generated by the site as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Agency.

2.5.2 Waste materials specified in Table 2.5.2 shall only be stored on the site in the location and manner specified in that Table.

Description	Parts	Date Received
Application	The response to question B2.5. given in section 2.5 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.5 given in section 2.5 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions
Material for off site disposal	Site plan No C5722/5a	Segregated area	Impermeable pavement

2.6 **Waste recovery and disposal**

2.6.1 The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 2.6.1, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.6 given in section 2.6 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.6 given in section 2.6 of the Consolidated Report, which supplements the above section of the application.	March 2003

2.7 **Energy Efficiency**

2.7.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question B2.7 given in section 2.7 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.7 given in section 2.7 of the Consolidated Report, which supplements the above section of the application.	March 2003

2.8 **Accident prevention, fires and site security**

2.8.1 The Operator shall provide and implement the following measures, using the techniques and in the manner described in the documentation specified in Table 2.8.1, or as otherwise agreed in writing by the Agency.

- a** Accident prevention plans, including contingency measures
- b** Plans for the prevention and control of fires
- c** Site security

2.8.2

The landfill shall be secured to prevent free access to the site. The gates shall be locked outside of operating hours.

Description	Parts	Date Received
Application	The response to question 2.8 given in section 2.8 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.8 given in section 2.8 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question 2.8 given in section 2.8 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.8 given in section 2.8.8 of the Consolidated Report, which supplements the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question 2.8 given in section 2.8 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.8 given in section 2.8.18 of the Consolidated Report, which supplements the above section of the application.	March 2003

2.9 **Noise and vibration**

2.9.1 The Operator shall, subject to the conditions of this Permit, control noise and vibration as described in the documentation specified in Table 2.9.1, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.9 given in section 2.9 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.9 given in section 2.9 of the Consolidated Report, which supplements the above section of the application.	March 2003

2.10 **Monitoring and sampling**

2.10.1 The Operator shall, subject to the conditions of this Permit, carry out, evaluate and assess monitoring in accordance with the following monitoring plans, as described in the documentation specified in Table 2.10.1, or as otherwise agreed in writing by the Agency.

- a** Monitoring and sampling quality control plan
- b** Representative sampling plan for incoming wastes
- c** Landfill gas monitoring plan
- d** Meteorological monitoring plan
- e** Leachate monitoring plan
- f** Surface water monitoring plan
- g** Groundwater monitoring plan
- h** Landfill body monitoring plan
- i** Monitoring plan for fugitive aerial emissions, including dust

2.10.2 Individual cells or phases of the landfill shall not be brought into operation until the following monitoring plans have been implemented and have provided baseline data for those parameters which will be measured, and these baseline data have been included in the relevant monitoring plans, and the Agency has been notified in writing of this and has confirmed in writing that it has no objection to that cell or phase becoming operational:

- a** Landfill gas monitoring plan
- b** Surface water monitoring plan
- c** Groundwater monitoring plan.

Description	Parts	Date Received
Application	The response to questions 2.3. given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.1 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.3.7.4 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in sections 2.2.1.11 to 2.2.1.69 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.2 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.10.63 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.3 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3.given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to questions 2.3 given in section 2.10.45 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.5 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.5 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.6 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3 given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in section 2.10.7 of the Consolidated Report, which replaces the above section of the application.	March 2003

Description	Parts	Date Received
Application	The response to question B2.3. given in section 2.10 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.3 given in sections 2.10.8 and 2.10.2.30 to 2.10.2.39 of Consolidated Report, which replaces the above section of the application.	March 2003

2.10.3 Where requested in writing, the Operator shall provide the Agency at least 14 days advance notice of undertaking monitoring/spot sampling.

2.10.4 There shall be provided:

- a** safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the monitoring points specified in Schedule 2, unless otherwise specified in that Schedule and
- b** safe means of access to other sampling/monitoring points when required by the Agency.

2.11 **Closure, aftercare and decommissioning**

Temporary cessation of operations pre-closure

2.11.1 In the event that any cell stops receiving wastes for disposal for longer than 3 months, the operator shall install interim capping for that cell in accordance with condition 2.3, within 4 months of the commencement of the temporary cessation of deposits, unless otherwise agreed in writing by the Agency.

Closure

2.11.2 The Operator shall, subject to the conditions of this Permit, close the landfill as described in the documentation specified in Table 2.11.1, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.11 given in section 2.11 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.11 given in section 2.11 of Consolidated Report, which replaces the above section of the application.	March 2003

Post-closure aftercare and restoration of the landfill

2.11.3 The Operator shall, subject to the conditions of this Permit, carry out post-closure aftercare and restoration of the installation as described in the documentation specified in Table 2.11.2, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.11 given in section 2.11 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.11 given in section 2.11 of Consolidated Report, which replaces the above section of the application.	March 2003

Decommissioning of the landfill prior to surrender of the permit

2.11.4 The Operator shall, subject to the conditions of this Permit, decommission the installation as described in the documentation specified in Table 2.11.3, or as otherwise agreed in writing by the Agency.

Description	Parts	Date Received
Application	The response to question 2.11 given in section 2.11 of the application	28/08/01
Response to Schedule 4 Part 1 Notice	Response to question 2.11 given in sections 2.11.4 to 2.11.11 of the Consolidated Report, which replaces the above section of the application.	March 2003

2.12 **Multi-operator installations**

2.12.1 This is not a multi-operator installation

Records

- 3.1.1 A record (a "Specified Record") shall be made of:-
- a** any malfunction, breakdown or failure of plant, equipment, engineered provisions or techniques (including down time and any short term and long term remedial measures) that may have, has had or might have had an effect on the environmental performance of the installation. These records shall be kept in a register maintained for that purpose;
 - b** any complaints concerning the Installation's effect or alleged effect on the environment. The record shall give the date of complaint, time of complaint, a summary of the complaint and and of any investigation and the results of such investigation. Such records shall be made in a register kept for this purpose;
 - c** all monitoring and sampling taken or carried out in accordance with the conditions of this Permit, and any assessment or evaluation made on the basis of such data;
 - d** the quantities and characteristics of all waste deposited, indicating origin, pre-treatment to which the waste has been subject prior to delivery, date of delivery, identity of the producer or in the case of municipal waste the collector, and, in the case of hazardous waste, the precise location on the installation. These records shall be kept in a register maintained for that purpose;
 - e** the quantities and types of all wastes which are not accepted at the installation including origin, date of delivery and non-acceptance, identity of the producer or in the case of municipal waste the collector. These records shall be kept in a register maintained for that purpose;
 - f** the quantities and types of all wastes which are produced at the installation, including its composition, or as appropriate, description; the best estimate of the quantity produced; its disposal routes; and the best estimate of the quantity sent for recovery. These records shall be kept in a register maintained for that purpose;
 - g** the times on and off site of the designated technically competent manager(s). These records shall be kept in a register maintained for that purpose.
- 3.1.2 There shall be made available for inspection by the Agency at any reasonable time:
- a** Specified Records;
 - b** any other records made by the operator in relation to the operation of the installation ("Other Records")
- 3.1.3 A copy of any Specified or Other Records shall be supplied to the Agency on demand and without charge
- 3.1.4 Specified Records and Other Records shall:-
- a** be legible;
 - b** be made as soon as reasonably practicable;

c indicate any amendments which have been made and shall include the original record wherever possible; and

3.1.5 Specified Records and Other Records shall be retained for a minimum period of 4 years from the date when the records were made.

4 Reporting

- 4.1.1 All reports and notifications required by this Permit, or by Regulation 16 of the PPC Regulations, shall be sent to the Environment Agency at the address notified in writing to the Operator by the Agency.
- 4.1.2 The Operator shall report the results of monitoring for the parameters listed in Table S2 to Schedule 2 as follows:
- a** in respects of the emission points specified;
 - b** for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
 - c** giving the information from such results and assessments as may be required by the forms specified in those Tables and an interpretation of the results against the relevant emission limits and/or monitoring levels specified in the relevant monitoring plan; and
 - d** sending the report to the Agency within 28 days of the end of the reporting period.
- 4.1.3 The Operator shall report wastes received and disposed of at the site and wastes produced at and removed from the site, using the 'Waste Return' form specified in Table S3 to Schedule 3, and reporting the data specified in that form quarterly.
- 4.1.4 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.

Notifications

- 5.1.1 The Operator shall notify the Agency without delay of:-
- a** the detection of an emission of any substance which exceeds any limit or criteria in this Permit specified in relation to the substance;
 - b** the detection of any fugitive emission which has caused or may cause pollution unless the quantity emitted is so trivial that it would be incapable of causing pollution;
 - c** the detection of any malfunction, breakdown or failure of plant or engineered methods or techniques which has caused or may have the potential to cause pollution;
 - d** any accident which has caused or may have the potential to cause pollution.
 - e** any significant environmental effect.
- 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1 in accordance with Schedule 1 to this Permit, by sending the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification. The Operator shall send the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;
- 5.1.3 The Operator shall give written notification without delay, of any of the following
- a** the refusal or rejection of incoming waste;
- cessation of the operation of the landfill disposal operations authorised under condition 1.1.1, for a period likely to exceed 1 month; and at least 14 days prior notification of the resumption of the landfill disposal operations authorised under condition 1.1.1, after a cessation; and
- b** permanent cessation of the landfill disposal operations authorised under condition 1.1.1
- 5.1.4 The Operator shall notify the following matters to the Agency, in writing, within 14 days of their occurrence:
- a** *where the Operator is a registered company:*
 - i** any change in the Operator's trading name, registered name or registered office address;
 - ii** a change to any particulars of the Operator's ultimate holding company (including details of an ultimate holding company where the Operator has become a subsidiary);
 - iii** any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up.

OR

b *where the Operator is a corporate body other than a registered company:*

- i** any change in the Operator's name or address;
- ii** any steps taken with a view to the dissolution of the Operator.

OR

c *In any other case:*

- i** the death of any of the named Operators (where the Operator consists of more than one named individual);
- ii** any change in the Operator's name(s) or address(es);
- iii** any steps taken with a view to the Operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case them being in a partnership, dissolving the partnership.

6 Emissions

6.1 Emissions into air

Point source emissions

6.1.1 Point source emissions to air shall only arise from the emission points and sources specified in Table 6.1.1.

Emission point reference/description	Source	Location of emission point
A1 (Emission point of flare stack)	Landfill gas flare	As detailed in section 3.14 of the Consolidated Report (March 2003).

6.1.2 The limits for emissions into air for the parameter(s) and emission point(s) set out in Table 6.1.2 shall not be exceeded.

6.1.3 The Operator shall carry out monitoring of the parameters listed in Table 6.1.2, from the emission points and at least at the frequencies specified in that Table.

Parameters	Emission Point
	Landfill gas Flare
Carbon monoxide mg/Nm ³	50
Frequency of monitoring	Annually
Oxides of nitrogen (as NO _x) mg/Nm ³	150
Frequency of monitoring	Annually
Unburned hydrocarbons mg/Nm ³	10
Frequency of monitoring	Annually

6.1.4 Where an annual mass limit for a substance is stated in Table 6.1.3, the aggregate emission of such substance from the Permitted Installation into air from the emission point(s) specified in Table 6.1.2 shall not exceed that limit in any year.

Substance	Limit – kg
See Section 4.1.2.4 of the Consolidated Report (March 2003) and in accordance with improvement condition 9.6	

Aerial emissions of dust

- 6.1.5 The Operator shall carry out monitoring of the parameters listed in Table 6.1.4, at the specified monitoring points and at least at the frequencies specified in that Table.
- 6.1.6 The limits for dust emissions into air for the parameter(s) and monitoring point(s) set out in Table 6.1.2 shall not be exceeded.

Parameters	Monitoring Point
See Appendix 2.3.8(1) of the Consolidated Report (March 2003)	Number and location of monitoring points to be agreed in writing with the Agency prior to the commencement of each phase
Deposited Dust Units: Visible concentration measured as: Daily Total.	Number and location of monitoring points to be agreed in writing with the Agency prior to the commencement of each phase of landfill

- 6.2 **Emissions to land**
- 6.2.1 There shall be no point source emission to land from the Permitted Installation
- 6.2.2 The Operator shall notify the Agency, as soon as practicable, of any information concerning the state of the site which affects or updates that provided to the Agency as part of the Site Report submitted with the application for this Permit.

6.3 **Emissions to controlled waters [other than emissions to sewer]**

Emissions to surface water

6.3.1 Point source emissions to surface water shall only arise from the emission points and sources specified in Table 6.3.1.

Emission point reference/description	Source	Location of emission point
S1 (point of entry of surface water management system to controlled waters).	Site drainage from the surface water management system.	Surface water monitoring location as detailed on drawing number SH02979/2 in the Consolidated Report (Volume 2).

6.3.2 The limits for emissions into surface water for the parameter(s) and emission point(s) set out in Table 6.3.2 shall not be exceeded.

6.3.3 The Operator shall carry out monitoring of the parameters listed in Table 6.3.2, at the monitoring points and at least at the frequencies specified in that Table.

Parameters	Monitoring Point
	A1
Suspended solids mg/l (measured after drying at 105 °C)	40
Frequency	monthly
Visible oil	None
Frequency	Daily
PH	>6-<9
Frequency	Monthly
Electrical conductivity (uS/cm)	1000
Frequency	Monthly
Ammoniacal nitrogen (mg/l)	0.5
Frequency	Monthly
Iron (mg/l)	0.8
Frequency	Monthly
Nickel (mg/l)	0.08
Frequency	Monthly
BOD	7mg/l
	Monthly

6.3.4 Where an annual mass limit for a substance is stated in Table 6.3.3, the aggregate emission of such substance from the Permitted Installation into surface water from the emission point(s) specified in Table 6.3.2 shall not exceed that limit in any year.

Substance	Limit
Surface Water Discharge	50 l/sec

6.3.5 The Operator shall carry out monitoring of the parameters listed in Table 6.3.4, at the specified monitoring points and at least at the frequencies specified in that Table.

6.3.6 The limits for fugitive emissions into surface water for the parameter(s) and monitoring point(s) set out in Table 6.3.4 shall not be exceeded.

Parameters	Monitoring Point
See sections 2.3.5.44 and 2.10.5 for the Consolidated Report (March 2003) and in accordance with improvement condition 9.7	As detailed in sections 2.3.5.44 and 2.10.5

Emissions to groundwater

6.3.7 There shall be no point source emissions to groundwater from the site.

6.3.8 The Operator shall carry out monitoring of the parameters listed in Table 6.3.5, at the specified monitoring points and at least at the frequencies specified in that Table.

Parameters	Monitoring Point
See section 2.10.6 of the Consolidated Report (March 2003)	As detailed in section 2.10.6

Trigger levels for emissions into groundwater

6.3.9 The trigger levels limits for emissions into groundwater for the parameter(s) and monitoring point(s) set out in Table 6.3.6 shall not be exceeded. The observations must be evaluated by means of control charts with control rules and levels for each down-gradient well, which are specified in the groundwater monitoring plan.

Parameters	Monitoring Point
See section 2.10.6.18 of the Consolidated Report (March 2003) and in accordance with improvement condition 9.8	See section 2.10.6.18

6.4 **Emissions to sewer**

6.4.1 No emission shall be made into any sewer from the Permitted Installation

6.5 **Emissions of heat**

6.5.1 No condition relating to heat is set

6.6 **Emissions of noise and vibration**

6.6.1 The operator shall carry out monitoring of the programme listed in section 2.9 of the Consolidated Report (March 2003), at specified monitoring points and at least at the frequencies specified in that Appendix

6.6.2 The limits for noise and vibration emissions for the parameters and monitoring points set out in section 2.9 of the Consolidated Report (March 2003) shall not be exceeded

7

Transfer to effluent treatment plant

No transfers to effluent treatment plant are controlled under this part of this Permit. Leachate management is controlled under 2.3. Emissions to water are controlled under 6.3 and/or 6.4.

8

Off site conditions

There are no off site conditions.

9 Improvement programme

- 9.1.1 The Operator shall complete the requirements specified in Table 9.1.1 by the date specified in that Table, and shall send written notification of the date of completion of each requirement to the Agency, at the Reporting Address, within 14 days of the completion of each such requirement.

Reference	Requirement	Date
9.1	Fugitive emissions shall be reviewed on an annual basis and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them.	12 months form date of issue
9.2	A detailed CQA plan statement shall be submitted to the Agency prior to the commencement of preparatory works.	2 months prior to the start of any works
9.3	The operator shall submit a detailed waste acceptance procedure for assessing and controlling the risks from industrial and commercial wastes delivered to the installation to meet the requirements of paragraph 1, Schedule 1 of the Landfill (England and Wales) Regulations 2002.	Prior to any waste being accepted at the installation
9.4	The operator shall submit a revised plan reference number C5772/5a which clearly shows the waste acceptance storage area, the rejected waste storage area and the designated quarantine area.	Prior to waste being accepted at the installation
9.5	The operator shall submit a detailed plan, which clearly identifies the point source emissions and monitoring points from the landfill gas flare.	Prior to the installation of the landfill gas flare
9.6	The operator shall submit a details of the annual mass limit for the landfill gas flare	Prior to the installation of the landfill gas flare
9.7	The operator shall submit a detailed report to the Agency on completion of the surface water management system. This report shall include. <ol style="list-style-type: none"> 1. Method statement, construction procedures and construction quality assurance plan for the installation of the surface water management system. 2. Details of fugitive emission limits into surface water 	Prior to any waste being accepted at the installation
9.8	A report shall be submitted to the Agency which details the trigger levels for emissions into groundwater.	Prior to the acceptance of waste at the installation
9.9	As part of the management system the operator shall investigate and submit a report of potential environmental improvements for each subject area in Section 2. This should be justified against appropriate BAT, where potential improvements are not planned to be implemented	36 Months after first deposit of waste

Interpretation

10.1.1 In this Permit, the following expressions shall have the following meanings:

"background concentration"

means the same as "background quantity" as defined in paragraph 11 to Part 2 to Schedule 1 of the PPC Regulations.

"financial year"

means financial year ending 31 March.

"fugitive emission"

means an emission from any point other than those specified in the Tables in part 6 of this Permit.

"hazardous waste"

means any waste as defined in Article 1(4) of Directive 91/689/EEC

inert waste

means waste which does not undergo any significant physical, chemical or biological transformations; does not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm to human health and its total leachability and pollutant content and the ecotoxicity of its leachate are insignificant and, in particular, do not endanger the quality of any surface water or groundwater.

landfill gas

Means any gas generated from landfilled waste

leachate

Means any liquid percolating through deposited waste and emitted from or contained within the landfill

"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 installation.

"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 installation.

"monitoring"

includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

Municipal waste

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

Non-hazardous waste

Means waste which is not hazardous

“Permitted Installation”

means the activities and the limits to those activities described in Table 1.1.1 of this Permit.

“PPC Regulations”

means the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit.

“Staff”

includes employees, directors or other officers of the Operator, and any other person, including contractors, under the Operator’s direct or indirect control.

“substance in list I/list II”

shall have the meaning given by paragraphs 1 and 2 of the Schedule to the Groundwater Regulations 1998.

“substances prescribed for water”

means those substances mentioned in paragraph 13 of Part 2 of Schedule 1 to the PPC Regulations.

“surface water management system”

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

“treatment”

means physical, thermal, chemical or biological processes (including sorting) that change the characteristics of waste in order to reduce its volume or hazardous nature, facilitate its handling or enhance recovery

“waste”

means controlled waste within the meaning of section 75(4) of the Environmental Protection Act 1990”

“ year”

means calendar year ending 31 December.

11

Written agreement to changes

11.1.1

When the qualification “or as otherwise agreed in writing” is used in a condition of this Permit, the Operator shall seek such agreement in the following manner:

- a** the Operator shall give the Agency written notice of the details of the proposed change, indicating the relevant part(s) of this Permit; and
- b** such notice shall include an assessment of the possible effects of the proposed change (including waste production) on risks to the environment from the Permitted Installation.

11.1.2

Any change proposed according to condition 11.1.1 and agreed in writing by the Agency, shall not be implemented until the Operator has given the Agency prior written notice of the implementation date for the change. As from that date, the Operator shall operate the Permitted Installation in accordance with that change, and any relevant documentation referred to in this Permit shall be deemed to be amended.

Schedule 1

Confirmation of condition 5.1.1 notifications, in accordance with condition 5.1.2

This Schedule outlines the information that the Operator must provide to the Agency to satisfy condition 5.1.2 of this Permit.

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

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

Returns should contain

Part A

- Name of Operator.
- Permit Number
- Location of Installation.
- Date information provided.
- Time, date and location of the emission.
- Identity and details of the substance[s] emitted to include:-
 - Best estimate of the quantity or the rate of emission, and the time during which the emission took place.
 - Environmental medium into which the emission took place.
 - Measures taken, or intended to be taken, to stop the emission.

Part B

- Any more accurate information on the matters notified under Part A.
- Measures taken, or intended to be taken, to prevent a recurrence of the incident.
- Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.
- The dates of any Part A notifications within in the previous 24 months.

Name Post.....

Signature

Date

Statement that signatory is authorised to sign on behalf of Catplant
(Quarry) Limited

Schedule 2

Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 of this Permit, are listed below.

Parameter	Monitoring point	Reporting period	Period begins
Sulphur dioxide mg m-3	Landfill gas flare	Every 6 mths	From the date of the first deposit of waste
VOCs mg m-3	Landfill gas flare	Every 6 mths	From the date of installation
Oxides of nitrogen mg m-3	Landfill gas flare	Every 6 mths	From the date of Installation
Gaseous chlorides as HCl Mg m-3	Landfill gas Flare	Every 6 mths	From the date of installation
Gaseous fluorides as HF mg m-3	Landfill gas flare	Every 6 mths	From the date of installation
Particulates mg m-3	Landfill gas flare	Every 6 mths	From the date of installation
Biochemical oxygen demand mg l-1	Leachate and surface water monitoring points	Every 3 mths	03/12/03
Suspended solids mg l-1	Leachate and surface water monitoring points	Every 3 mths	03/12/03
PH	Leachate and surface water monitoring points	Every 3 mths	03/12/03
Noise	Chester Cottage Drimnatogrin	Every 6 mths	03/12/03
Assessment of environmental impact on Ea Beck	Surface water discharge	Every 12 Months	03/12/03
List 1 screening	Leachate monitoring points	Every 12 months	03/12/03

Schedule 3

Forms to be used

Unless otherwise agreed in writing between Agency and the Operator, the following Agency forms are to be used for reports submitted to Agency.

Media/parameter	Form Number	Date of Form
Air	None Provided, format to be agreed in writing with the Agency	Not Applicable
Water	None Provided, format to be agreed in writing with the Agency	Not Applicable
Water	None Provided, format to be agreed in writing with the Agency	Not Applicable
Land	None Provided, format to be agreed in writing with the Agency	Not applicable
Noise	None Provided, format to be agreed in writing with the Agency	Not Applicable
Energy	None Provided, format to be agreed in writing with the Agency	Not Applicable
Assessment	None Provided, format to be agreed in writing with the Agency	Not Applicable
Waste Return	R1	Date of issue of this permit

END OF PERMIT