



OUTGOING

DELYN BOROUGH COUNCIL

Ref. No. SL/01/92

CONTROL OF POLLUTION ACT 1974

PART I



PERMIT

WASTE DISPOSAL LICENCE

THE DELYN BOROUGH COUNCIL

HEREBY GRANT a Waste Disposal Licence, pursuant to an application dated
12th March 1991, in respect of the following:

Full name and address of licence holder	Castle Cement Limited, Ketton Works, Ketton, Stamford, Lincolnshire, PE9 3SY
Full name and address of local representative (if any) of licence holder	
Location of site to which this licence relates	Castle Cement Limited, Cefn Mawr Quarry, Cadole Road, Pantybugath, Mold, Clwyd
Form of deposit or disposal to which this licence relates	Landfill operations
Types of waste of which deposit or disposal is authorised and any limitation as to quantity	As per attached condition no. 1.4

This Licence is granted subject to the following conditions:—

as attached

Dated 3rd March

1992 .

(Signed)

D. W. R. [Signature]
Head of Environmental Health Services

THE LICENCE HOLDER SHOULD READ CAREFULLY THE NOTES OVERLEAF.

Health Department,
Civic Offices,
Coleshill Street,
Holywell, Clwyd.
Telephone: 710710

Notes

These notes are for general guidance only and they do not constitute authoritative statement of the law.

Definitions of certain words used in this licence are to be found in Schedule A of this licence.

This licence relates only to the requirements of the Control of Pollution Act 1974 for the deposit of waste and the use of plant or equipment subject to the conditions set out in the Schedules and does not constitute a consent required by any other legislation. In particular it is the responsibility of the licence holder to comply with any requirements of the Health and Safety at Work etc. Act 1974, the Radioactive Substances Act 1960, the Town and Country Planning Act, and all relevant water protection and environmental health legislation.

If the licence holder ceases to occupy the land specified above, then he may transfer the licence to the new occupier after giving notice to the Waste Disposal Authority who has the right to decline to accept the new licence holder.

If the licence holder wishes to cancel this licence, he must return it to the Waste Disposal Authority together with a notice stating he no longer requires the licence. Cancellation of the licence will not affect any outstanding liability of the licence holder under the conditions of the licence.

Contravention of Licence Conditions

Your attention is drawn to the provisions of Section 3, 9 and 16 of the Control of Pollution Act, 1974.

Section 3 - Prohibits under penalty the deposit of waste, or the use of plant or equipment, otherwise than in accordance with the terms of a licence. This Section applies to all the conditions contained herein, including any which may be the subject of appeal to the Secretary of State under Section 10 of the Act.

Any deposit which takes place without compliance with all the licence conditions may lead to prosecution under this Section. A person who contravenes Section 3 subsection (1) shall, subject to subsection (4) be guilty of an offence and liable on summary conviction to a fine of an amount not exceeding £2,000 (at the date of issue of this licence), or on conviction on indictment to imprisonment for a term not exceeding two years or a fine or both.

Section 9 - Non compliance with any licence conditions may lead to the revocation of this licence.

Section 16 - The licensing authority is empowered to require the removal of any controlled waste deposited in circumstances where any of the conditions contained in this licence are not being complied with, or the undertaking of such works as are required to reduce or eliminate the consequences of such deposits.

CASTLE CEMENT LIMITED, CEFN MAWR QUARRY, CADOLE ROAD, PANTYBUARTH, MOLD

1. General Conditions and Types of Waste Permitted by this Licence

- 1.1 The statement of intended methods of operation and drawings contained and attached to the document entitled "Working Plan for the Pantybuarth Quarry Crumb Disposal Operation", submitted by Castle Cement Limited, Ketton Works, Ketton, Stamford, Lincolnshire, PE9 3SX, and dated 29th July, 1991, are part of the application for this licence and shall be referred to as the working plan.
- 1.2 This licence shall relate to the area of land edged round in blue on Drawing No. 1971/B of the working plan and this area will be henceforth called "the site". No deposit of waste shall take place outside the area of land edged round in red on Drawing No. 1971/B of the working plan.
 - 1.2.1 Prior to any operations taking place under the terms of this licence the working plan shall have been approved in writing by the Waste Regulation Authority (hereinafter referred to as W.R.A. throughout these conditions). The licence holder shall obtain written approval from the W.R.A. for any proposed changes approved by the W.R.A, before such change is implemented.
 - 1.2.2 Any reference in this licence to the working plan shall include a reference to any amendment to the statement or the drawings which have been approved in writing by the W.R.A. as appropriate.
 - 1.2.3 Subject to the terms of this licence, the site shall be operated in accordance with the working plan.
- 1.3 The site shall be operated only between the hours of 0800 and 1700 on Mondays to Fridays, and on Saturdays between the hours of 0800 and 1200. Except in circumstances of emergency, no deposit of waste or other operations shall take place outside these hours or on Sundays, Good Friday, Christmas Day, Bank Holidays or other public holidays. All circumstances or emergency shall be reported forthwith in writing to the W.R.A. The above specified periods during which the site is permitted to operate shall be termed the "working day" for the purpose of this licence.
 - 1.3.1 No waste shall be deposited at the site during the hours covered by official lighting up times, as published by the Science and Engineering Research Council unless lighting has been provided on site to a specification agreed upon in writing with the W.R.A.
- 1.4 The types of waste permitted for deposit shall be as follows:-
 - 1.4.1 Limestone kiln dust as detailed in the working plan.
 - 1.4.2 Uncontaminated topsoil, subsoil and excavated materials generated within the site.
 - 1.4.3 These wastes shall not contain any hazardous quantity or concentration of poisonous, noxious or polluting substance.

- 1.4.4 No waste liquids, sludges, putrescible or biodegradable materials shall be deposited at the site.
- 1.4.5 All imported material will be subject to conditions 1.5 and 1.6 inclusive.
- 1.4.6 Any type of waste other than those listed within this condition may only be accepted on site with the prior written approval from the W.R.A.
- 1.5 The total quantity of waste accepted daily shall not exceed the operational capability of the facilities available on site. If the total quantity of waste accepted daily exceeds the operational capability of the facilities on site, the W.R.A. may apply conditions limiting the quantity of waste accepted daily until such time that adequate additional facilities have been provided and agreed upon by the W.R.A. This may require the operator to provide additional facilities to ensure that waste is properly deposited and adequately covered.
- 1.6 No drummed waste or empty drums shall be deposited at the site.
 - 1.6.1 No clinical waste as defined in Regulation 2(1) of the Collection and Disposal of Waste Regulations 1988 shall be deposited at the site.
 - 1.6.2 No special waste as controlled by Section 17 of the Control of Pollution Act 1974 and Regulations made thereunder shall be deposited at the site.
- 1.7 All constructional details included in the working plan and/or included in the conditions of this licence shall, unless otherwise stated, be undertaken and completed within three months of the date of issue of this licence, and shall be confirmed in writing to this effect to the W.R.A. All other requirements shall commence upon receipt of these varied conditions.
2. Working Plan, Phasing and Site Preparation
 - 2.1 Details of any proposed amendments to the working plan requiring approval by the W.R.A. by virtue of condition 1.2.1 of this licence shall be submitted to the W.R.A. along with the proposed date of implementation at least one month before the proposed date of such implementation.
 - 2.2 The phasing and direction of waste deposit shall be carried out as specified in the working plan. This system shall continue until all phases have been completed and restored.
 - 2.3 Each completed phase shall be provided with capping consisting of a minimum of one metre thickness of clay or other low permeability material (a maximum permeability of $1 \times 10^{-9} \text{ m s}^{-1}$). This shall be laid in progressive layers of no more than 0.3 metre thickness to allow adequate compaction.
 - 2.4 The capping of the site as required by condition 2.3 of this licence shall be carried out using naturally occurring uncontaminated clay or low permeability membrane or other low permeability material or a combination of any of the aforementioned, conditioned by prior approval by the W.R.A. This clay or low permeability material shall also be

free from rocks, concrete, boulders, peat, logs, stumps or any other material that may preclude the homogeneity of the capping material if it has a volume greater than 0.05 cubic metres.

- 2.5 No waste shall be deposited in any individual phase until all available topsoil has been removed from that phase.

3. Site Control and Site Roads

- 3.1 A site identification board of minimum size 1m x 1m, of durable material and finish shall be displayed at the site entrance at the location detailed in the working plan. It shall display the site name, licence number, hours of operation, name, address and telephone number of the site operator and W.R.A., and the name, address and telephone number of the person(s) to be contacted in the event of an emergency. The board shall also display the words "NO UNAUTHORISED ACCESS".
- 3.2 The site shall be manned and supervised during operating hours as detailed in the working plan.
- 3.3 The terms of this licence shall be made known to all persons manning the site and a copy of this site licence and working plan shall be available for inspection at the site control office.
- 3.4 A site diary shall be kept at the site office. The diary shall have the following duly recorded information:- fires, site inspection, monitoring results, etc., and any other information as required by conditions within this licence.
- 3.5 All wastes shall be visually inspected immediately on or before deposition on site, to ensure that they conform with the requirements of condition 1.4 of this licence. Wastes which do not conform with the said condition shall be rejected as being unsuitably for disposal at the site and removed from the site immediately.
- 3.5.1 A record shall be kept in the site diary of any waste rejected as being unsuitable for disposal at the site and the vehicle registration, company name, driver name and the time and date of the occurrence.
- 3.6 A written record shall be kept of the types and quantities of waste deposited, the time and date, the name of the person and/or the company delivering the waste and the registration number of every vehicle bringing such waste to the site. This written record shall be kept at the site office and be made available for inspection by any duly authorised officer of the W.D.A. upon demand.
- 3.6.1. A true summary of this information shall be forwarded to the W.R.A. at one monthly intervals commencing from the date of issue of this licence until the site ceases to accept waste.

Storage Tanks

- 3.7 Liquids used for the operation and maintenance of site equipment shall be stored only in tanks or drums which are banded to contain spillages. The bund and its base must be of type and construction as to provide an impermeable barrier, capable of impounding 110% of the capacity of the largest tank. The tanks and/or drums shall be of a type and construction suitable for the liquids they contain, labelled to show their contents, any misleading labels removed and conform to all

relevant safety standards. All fill and drain pipes and valves shall be within the curtilage of the impermeable bund. If leakage is found to be occurring, the tank or drum shall be repaired or replaced within 7 working days. All spillages are to be removed within 3 working days after the repair or replacement of the drum or tank to an appropriately licensed facility and accompanied by any relevant documentation in compliance with Section 17 of the Control of Pollution Act 1974.

- 3.7.1. All spillages shall be recorded in the site diary.
- 3.7.2 The 110% capacity of the bund shall be maintained at all times. Rain water shall be removed as required to ensure the 110% capacity referred to above is maintained.

Fencing and Gates

- 3.8 Fences and gates shall be provided as detailed in the working plan.
- 3.9 Gates will be locked and made secure outside the working day and in any case while the site is unmanned.
- 3.10 All site fences and gates shall be inspected at intervals of not more than 7 working days. Any damage which impairs their effectiveness found during the course of these inspections or at any other time shall be repaired within 2 working days of the damage being discovered and recorded in the site diary.

Site Access and Roads

- 3.11 All vehicles leaving the site shall use the wheel cleaning facilities as site conditions dictate, as detailed in the Working Plan.
- 3.12 The primary site access road shall be kept free of mud, stones, wastes or any other debris from the site or deposited by vehicles coming to the site.
- 3.13 The deposit of any of the aforementioned material from the site onto the public highway adjoining the site arising from its operation for waste disposal purposes shall be treated as an emergency. Immediate effective action shall be taken to remove such deposit including the use of a mechanical road sweeper where necessary.
- 3.14 Subsidiary site roads shall be provided as detailed in the working plan.
- 3.15 All subsidiary site roads shall be laid to a fall to encourage surface water run off and be maintained free from pot-holes and erosion as detailed in the working plan.
- 3.16 Both primary and subsidiary site roads shall, as often as necessary be sprayed with water to prevent any dust nuisance occurring.

4. Site Operations

- 4.1 No material shall be burnt within the boundaries of the site and a fire the site shall be regarded as an emergency and immediate action shall be taken to extinguish it. In the event of a fire at the site, suitable earthmoving equipment and an operator shall be made available to facilitate the control of the fire under direction of the Fire Service. All outbreaks of fire shall be notified forthwith to the Fire Service and the W.R.A. and duly recorded in the site diary.

- 4.2 Wastes shall be deposited and compacted as detailed in the working plan
- 4.3 Before covering, working faces and flanks shall be compacted to form gradients not steeper than 1 in 3.
- 4.4 The working face shall not exceed the width detailed in the working plan.
- 4.6 Each layer of waste and covering material shall be laid to a fall to encourage surface water run-off.
- 4.6 No waste shall be deposited into standing water.
- 4.7 Not less frequently than once a week any loose waste which maybe lying on the site shall be gathered and disposed of in such a manner as to maintain the site in a tidy condition.
- 4.8 Waste, once deposited, shall not be excavated on the site without prior written permission of the W.R.A. except for the purpose of installing gas monitoring boreholes and leachate monitoring wells as detailed in the working plan.

5. Surface Water Drainage and Leachate Control

- 5.1 On the completion of each phase a perimeter drain shall be progressively constructed as detailed in the working plan. The perimeter drainage for each phase shall be installed upon completion of each phase as a requirement of progressive restoration.
- 5.2 The perimeter drain required by condition 5.1 shall be maintained at all times in the condition specified in the working plan. The drain shall be inspected not less frequently than once each week and any debris or blockage shall be removed upon detection.
- 5.3 Surface water drainage from higher areas within the site boundary shall be diverted away from the working face and/or away from contact with any contaminating substance and into the perimeter surface water cut off drain as indicated in the Working Plan.

Leachate Control

- 5.4 Internal drainage will be incorporated into the fill as levels are raised to keep leachate away from the boundary and to prevent ponding of leachate on the surface. This drainage will consist of clean rubble or other suitable material.
- 5.6 No leachate will be discharged into any surface drainage system that will allow the leachate to leave the boundary of the site without the prior consent of the National Rivers Authority.

6. Definitions

- 6.1 Waste Regulation Authority shall mean Delyn Borough Council, Civic Offices, Coleshill Street, Holywell, Clwyd.
- 6.2 Duly Authorised Officer shall mean any person authorised in writing by the Regulation Authority pursuant to Section 91 of the Control of Pollution Act 1974 and Section 68 of the Environmental Protection Act 1990.

- 6.3 Licence Holder shall mean the person or persons to whom this licence is granted.
- 6.4 Biodegradable shall mean material which may be broken down by the action of micro-organisms.
- 6.5 Leachate shall mean liquid which seeps through the landfill and by doing so extracts substances from the deposited waste.
- 6.6 The Act shall mean the Control of Pollution Act 1974 as amended.
- 6.7 Pollution of the Environment shall have the meaning contained in Section 29(3) of the Environmental Protection Act 1990.
- 6.8 Bund except for any specified in condition shall mean an embankment of clay, hard-core, bricks, stone, concrete, excavated road materials, subsoil or topsoil, but shall not contain plastics, paper, materials containing asbestos, or containers.
- 6.9 Cell shall mean the compartment within a landfill in which waste is deposited. The boundaries of each cell shall be as specified in the Working Plan.
- 6.10 Capping shall mean the covering of the landfill with clay or other low permeability material to inhibit the penetration of liquid.
- 6.11 Operating shall mean the deposit of waste or acceptance of waste for deposit and all matters incidental thereto.
- 6.12 Site Diary shall mean a daily record of all site operations as required and specified in these conditions.
- 6.13 Drum shall mean any container in which material is stored, but such containers having storage capacities less than 10 litres or alternatively greater than 250 litres shall not be regarded as drum containers for the purposes of this licence.
- 6.14 Operational Capability. The quantity of waste handled daily at the site which can be landfilled to the standards required by this licence using the plant, manpower, cover material and other facilities available on site.
- 6.15 Low Permeability Material shall mean a naturally occurring or synthetic material with a maximum permeability of $1 \times 10^{-9} \text{m s}^4$.