

COPY.

Full name of applicant  
14/1/76

No. 25

504

CONTROL OF POLLUTION ACT 1974  
PART I

WASTE DISPOSAL LICENCE

THE \* VALE OF GLAMORGAN BOROUGH COUNCIL  
HEREBY GRANT a Waste Disposal Licence, pursuant to an application dated  
23rd October, 1986, in respect of the following:

|                                                                                             |                                                                                  |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Full name and address of licence holder                                                     | Blue Circle Cement, Aberthaw Works,<br>East Aberthaw, Nr. Barry CF6 9ZR          |
| Full name and address of local representative (if any) of licence holder                    |                                                                                  |
| Location of site to which this licence relates                                              | Aberthaw Works Quarry Site, East Aberthaw<br>Barry.<br>OS 154 ST. 037 669        |
| Form of deposit or disposal to which this licence relates                                   | Landfill and incineration                                                        |
| Types of waste of which deposit or disposal is authorised and any limitation as to quantity | General industrial waste including<br>cement waste, office waste including paper |

This Licence is granted subject to the attached conditions:—

Dated 6th January 19 87. (Signed).....  
(Designation) Chief Executive

THE LICENCE HOLDER SHOULD READ CAREFULLY THE NOTES OVERLEAF.

CONTROL OF POLLUTION ACT 1974  
DISPOSAL LICENCE APPLICATION



To the \*

NOTE: Before providing the particulars required in Parts I, II and III and signing the Declaration at the end of this form, applicants should read the guidance notes in Appendix A of Department of the Environment Circular 55/76 (Welsh Office Circular 76/56).

PART I

|                                                                                                   |                                                                                                                        |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 1. Name and address of person or persons proposing to operate the facility (include post code)    | 1. <u>BLUE CIRCLE CEMENT</u><br><u>ABERTHAW WORKS.</u><br><u>EAST ABERTHAW</u><br><u>NR BARRY</u> <u>CF6 9ZR.</u>      |
| Telephone No.                                                                                     | <u>0446 750204.</u>                                                                                                    |
| 2. Name and address of agents if application signed by agents (include post code)                 | 2. <u>/</u>                                                                                                            |
| Telephone No.                                                                                     |                                                                                                                        |
| 3. Address or location of the facility in sufficient detail to enable it to be readily identified | 3. <u>ABERTHAW WORKS QUARRY SITE</u><br><u>EAST ABERTHAW</u> <u>BARRY S. GLAM</u>                                      |
| Grid reference of the facility                                                                    | <u>OS</u><br><u>(154) ST 037 669.</u>                                                                                  |
| 4. Nature of facility (please indicate by a tick)                                                 | 4.                                                                                                                     |
| A. LANDFILL SITE                                                                                  | <input checked="" type="checkbox"/>                                                                                    |
| B. TRANSFER STATION                                                                               | <input type="checkbox"/>                                                                                               |
| Incorporating also                                                                                |                                                                                                                        |
| (i) Static compaction                                                                             | <input type="checkbox"/>                                                                                               |
| (ii) Pulverisation                                                                                | <input type="checkbox"/>                                                                                               |
| (iii) Baling                                                                                      | <input type="checkbox"/>                                                                                               |
| C. TREATMENT PLANT involving                                                                      |                                                                                                                        |
| (i) Pulverisation                                                                                 | <input type="checkbox"/>                                                                                               |
| (ii) Composting                                                                                   | <input type="checkbox"/>                                                                                               |
| (iii) Incineration                                                                                | <input checked="" type="checkbox"/>                                                                                    |
| (iv) Chemical Treatment                                                                           | <input type="checkbox"/>                                                                                               |
| (v) Other Treatment (specify)                                                                     | <u>SMALL MANUAL INCINERATOR</u><br><u>TO DISPOSE OF OFFICE PAPER.</u><br><u>+ SCRAP WOODEN PALLETS</u><br><u>NONE.</u> |

(See Note i, Appendix A)

\* Insert name of Waste Disposal Authority.

VALE OF GLAMORGAN COUNCIL.

5. Brief description of the types of general wastes accepted or to be accepted at the facility (i.e. excluding those wastes to which question 6 applies)

See Note ii, Appendix A)

GENERAL INDUS  
INCLUDING CEMENT  
OFFICE WASTE IN

Are any of the categories of difficult waste listed in Appendix B accepted or likely to be accepted? (Please indicate by a tick)

See Note iii, Appendix A)

6. Yes ☐  
No ☒

7. Hours of operation

Time of opening

Time of closing

Total hours per week

7. Weekdays Saturdays  
0700 0700  
1800 1800  
77

8. Capacity or remaining capacity of the facility. (Specify in cubic metres for landfill sites and tonnes per hour for treatment plants)

9. Estimate of useful life or remaining useful life of the facility

9. 50

10. Current status of the facility under planning law (indicate by a tick)

- (a) Planning permission applied for  
(b) Planning permission granted  
(c) GDO permission  
(d) No planning permission required  
(e) Planning permission for surface mineral extraction including restoration conditions requiring the use of waste material

10. ☐  
☐  
☐  
☒  
☐

Attach copy of any existing specific planning permission or reasons why none is required (Categories (c) and (d)).

11. Date use of the facility commenced or is anticipated to commence

11. JULY 1981

12. Proposed final use of the site and likely commencement date for such use. (This applies to landfill sites only. Where no decision has been taken on the final use of the site this should be stated.)

12. RETURNED TO AGRICULT.  
NO DATE FOR RETURN A-  
PRESENT BUT WILL BE PROGRE

13. Estimated maximum quantity of the following descriptions of waste accepted daily at the facility (i.e. excluding those to which question 6 applies).

- (i) domestic and commercial waste  
(a) untreated  
(b) pulverised  
(c) baled  
(d) incinerator  
(ii) medical surgical  
(iii) non hazardous industrial waste  
(a) potentially  
(b) inert and  
(iv) wastes from the  
(v) old cars vehicle  
(vi) sewage sludge  
(vii) mine and quarry  
(viii) farm waste\*

(See Note iv, Appendix A)

14. Estimated maximum quantity of waste listed in Appendix B accepted daily at the facility

Type of waste

(See Note v, Appendix A)

15. Names and addresses of persons delivering waste

16. Estimated quantity of waste likely to originate from the district in Scotland

(See Note v, Appendix A)

17. Current capacity of the facility. (Specify in tonnes per year)

\* Particulars in categories



| 13. | LIQUIDS<br>(tonnes) | SLUDGES<br>(tonnes)           | SOLIDS<br>(tonnes) |
|-----|---------------------|-------------------------------|--------------------|
|     |                     | KILN BRICKS                   | 600                |
|     |                     | RUBBER BELT                   | 5                  |
|     |                     | TOP SOIL<br>OVERBURDEN        | 7000               |
|     |                     | CEMENT SWEEPINGS<br>IN SLURRY | 1500<br>1000.      |

(a) untreated

(b) pulverised and/or composted

(c) baled

(d) incinerator residues

(ii) medical surgical and veterinary wastes.

(iii) non hazardous industrial wastes

(a) potentially combustible substances

(b) inert and non flammable substances

(iv) wastes from the construction industry

(v) old cars vehicles and trailers

(vi) sewage sludge and pail closet contents etc.

(vii) mine and quarry waste\*

(viii) farm waste\*

[illegible]

Type of Waste

Code of Waste

N/A

NONE

NONE

None

15. OURSELVES

15.

OURSELVES

|     |            |        |        |       |
|-----|------------|--------|--------|-------|
| 16. | TOTAL<br>% | LIQUID | SLUDGE | SOLID |
|     | NONE.      |        |        |       |

16. TOTAL  
%

LIQUID

SLUDGE

**SOLID**

None.

17. 140 TONS PER DAY.

17.

140 TONS PER DAY.

\* Particulars of these wastes are wanted for information purposes and only when they are being disposed of at sites accepting wastes listed in categories i-vi.

### PART III

The application should be accompanied by the following documents:—

#### 1. A Site Location Plan

This is required in every case and should be drawn on a scale appropriate to the facility (e.g. 1/2500 or 1/10000) showing the site of the facility to which the application relates coloured pink, any adjoining land in the same ownership coloured blue and sufficient details readily to identify the site and the topography of its environs in comparison with the Ordnance Survey Map of the same scale. The Waste Disposal Authority should be consulted in any cases of doubt as to which scale is appropriate.

#### 2. An Outline Working/Operational Plan

This is also required in every case but the content will vary according to the nature of the facility for which the licence is being sought. It should comprise of a detailed plan of the facility to a scale of not less than 1/500 accompanied and backed up by a statement of intent regarding its operation.

##### (a) Landfill Sites

The detailed plan of the site should where relevant show:—

- (i) gates and boundary fencing;
- (ii) direction of working and phasing of filling and site restoration;
- (iii) seasonal, bad weather and emergency tipping areas;
- (iv) location of covering material stored on the site;
- (v) location of the primary site road leading from the main gate;
- (vi) location of site control office and any other buildings or fixed equipment on the site;
- (vii) location of tanks or lagoons to be used for the storage or deposit of liquid wastes;
- (viii) details of existing ground levels or contours;
- (ix) details of proposed final contours;
- (x) details of existing drainage facilities;
- (xi) location of any existing watercourses, adits, shafts etc.

The accompanying statement should give an indication of applicant's intentions with regard to the following matters, where these are relevant:—

- (i) site preparation works;
- (ii) drainage and outfalls;
- (iii) provision being made for the recording of waste intake at the site;
- (iv) the provision of litter screens;
- (v) the provision of lighting equipment at the site;
- (vi) maximum width of working face;
- (vii) methods of dealing with hazardous or difficult to handle types of waste;
- (viii) pest control measures;
- (ix) water sampling and monitoring arrangements;
- (x) site security arrangements;
- (xi) final restoration of the site;
- (xii) provision for waste sampling (i.e. if required in the case of hazardous wastes).

The statement should also indicate the number of people manning the site and include an inventory of the equipment used or to be used there for spreading and compacting waste, for excavating, transporting and spreading covering materials, for maintaining roads and for washing or cleaning the wheels of vehicles using the site.

The statement should include available geological information about the site, particularly the results of any geological investigations and details of boreholes, sampling points and the water level.

##### (b) Other Facilities

The plan of each facility should show:—

- (i) the layout and construction of the facility and its ancillary equipment including information on fencing and drainage where relevant;
- (ii) the storage areas for solid and liquid wastes awaiting treatment and residues awaiting removal for disposal elsewhere;
- (iii) the provision being made for the parking, loading and unloading of vehicles at the facility.

The accompanying statement as well as giving details of the number and the status of people being employed to operate the facility should, where relevant, give an indication of the following:—

- (i) provision being made for recording intake and output at the facility including details of materials or resources recovered, recycled or otherwise utilised e.g. generation and use of heat;
- (ii) instrumentation being provided to ensure that a satisfactory method of treatment is maintained at the facility and to warn of malfunctions;
- (iii) methods of storage of wastes awaiting treatment at the facility and residues awaiting removal for disposal elsewhere;
- (iv) names and locations of sites where residues are being taken for final disposal;
- (v) provision being made for dealing with unacceptable wastes delivered inadvertently or left at the facility and standby operating and disposal arrangements to be implemented in the case of a breakdown or other emergency situations developing at the facility;
- (vi) maximum quantities of wastes and residues to be stored at the plant at any one time;
- (vii) steps being taken to avoid spillages and such nuisances as noise, fumes, dust, grit and odours;
- (viii) indication of any other steps being taken to ensure that the facility and its immediate environs are kept clean and tidy and that both it and its operation are aesthetically compatible with the surrounding area.

### DECLARATION

I/We hereby apply for permission to carry out waste disposal operations as described in Parts I and II of this application and in the attached plans, drawings and statement required by Part III.

Date 23/10/86.

Signed

G. M. Bowles

#### Appendix A

### GUIDANCE NOTES ON THE COMPLETION OF THE DISPOSAL LICENCE APPLICATION FORM

1. Applicants may find it helpful to complete only Part I of the form in the first instance and forward this to the disposal authority before attempting to provide the information requested in Parts II and III and completing the declaration at the end of the form. Part I could thus be used as a basis for informal discussion and consultation between the applicant and the disposal authority about the applicant's intentions and thereby assist in the subsequent provision of the further information required. This will apply particularly where the application relates to a large site taking a wide variety of wastes.
2. A separate application form should be completed for each separately identifiable site or facility that an applicant wishes to operate. The best indication that two or more facilities at the same site or within the same complex have a separate identity is if the applicant finds he is having to provide differing answers to questions in the form.
3. Where precise information cannot be given, applicants should provide the best indication they can of their intentions. Fairly detailed information ought, however, to be available in respect of existing sites and facilities.

#### NOTES ON QUESTIONS

- (i) If an applicant feels he needs to use more than one box in question 4, this is an indication that there is more than one separately identifiable facility involved and a separate application should be completed for each. In determining whether to tick the box appropriate to B(ii) or C(i), both of which relate to facilities incorporating pulverisation, the applicant will have to be guided by what he sees as the primary purpose of the facility.
- (ii) Only a brief answer is required to question 5. Question 13 indicates what is meant by general wastes and calls for further information about the wastes in these categories.
- (iii) Where the answer to question 6 is yes further information will be required in answer to question 14 in Part II of this form.
- (iv) The information requested in answer to question 13 is intended to supplement that initially given in reply to question 5. Mine and quarry waste and farm waste are not at present subject to licensing but where these wastes are being disposed of at sites licensed to receive other wastes it will be helpful for the disposal authority to know about them.
- (v) Information requested in answer to question 14 is intended to supplement the answer to question 6. Reference should be made to the listings and codings in Appendix B which should be used for the 2 entries on the left hand side of the form under the headings "Nature of Waste" and "Code of Waste". In some instances it may not be sufficient just to use the main headings and indeed it may be necessary to provide a breakdown of the primary and subsidiary components of these difficult wastes. In this event, the primary component should be the one with the most significant properties from the point of view of hazard and toxicity and not necessarily the largest one. A separate sheet should be used where the space provided for the answer is inadequate. Applicants may also find it particularly helpful to seek the guidance of the disposal authority when answering this question.
- (vi) An applicant should, in answer to question 16, give the best indication he can of the breakdown between liquids, sludges and solids accepted or likely to be accepted at the facility from outside the disposal authority boundary. Thus the entry for an estimated 30 per cent of waste originating outside the disposal authority boundary and comprising 1/10th liquid and 1/10th sludge would read from left to right as 30-3-3-24.

CONTROL OF POLLUTION ACT 1974

PART I

WASTE DISPOSAL LICENCE - CONDITIONS

ABERTHAW WORKS (QUARRY SITE), EAST ABERTHAW

✓ 1. Waste disposal at the licensed site shall only comprise of material arising from the activities of the company at the Aberthaw Cement Works and as specified in the application documents dated 23rd October 1986.

○ 2. All reasonable precautions shall be taken to prevent unauthorised access to the waste disposal site.

✓ 3. Appropriate precautions shall be taken at all times to ensure that no unauthorised depositing of waste takes place at the licensed site.

✓ 4. Only solid non-toxic controlled wastes as described in the application for licence shall be disposed of by way of landfill at the site. Notwithstanding, burning of certain of the wastes as prescribed shall be permitted as provided for in Condition 5.

✓ 5. The burning of certain categories of combustible controlled waste as described in the application is permitted within the area indicated on the site plan as being set aside for this purpose. Any burning of waste that takes place as authorised by this condition shall at all times be subject to the relevant requirements of the Clean Air Acts, 1956 and 1968 and the Clean Air (Emission of Dark Smoke) (Exemption) Regulations, 1969.

✗ 6. No waste material shall be burnt within the boundaries of the site except within the prescribed area, and any other fire at the site shall be regarded as an emergency and immediate action shall be taken to extinguish it. All outbreaks of fire shall be notified forthwith to the waste disposal authority (Vale of Glamorgan B.C.).

✓ 7. Precautions shall be taken to ensure that no fouling of the public highway occurs due to deposits from the wheels or other parts of vehicles that may travel on the highway after leaving the licensed waste disposal site.

✗ 8. During dry weather <sup>water</sup> spraying shall be carried out on the tip and the approach roads thereto as and when necessary to prevent dust nuisance affecting occupiers of residential properties located in proximity to the waste disposal site.

✓ 9. Waste other than inert material shall not be deposited in water.

✗ 10. All large articles such as furniture, crates and hollow containers likely to cause voids shall be crushed, broken up or flattened and covered each day by other wastes in such a position that they are not within one metre (3 feet) of the surface or two metres (6 feet) of the flanks or face.

11. Precautions shall be taken to deal effectively with any waste

2. Not less frequently than once a week any loose waste which may be lying on the site shall be gathered and disposed of in such a way as to keep the site tidy.

3. All waste shall be deposited in layers, not more than 2 metres (6 feet) in depth and not more than 10 metres (31 feet) in width. The covering of faces and top with 0.15m (6") of inert material to be carried out as work proceeds, and shall be finished to such falls as to encourage surface water run off.

4. Until final restoration, completed areas of landfilling shall be graded to a level in keeping with the surrounding land contours and maintained in a tidy condition. No waste shall be deposited to a height exceeding the level of the land between the quarry face and Burton Terrace. When necessary, action shall be taken to control and destroy weeds.

1) The terms of the site licence shall be made known to any person who is given responsibility for the management or control of the site.

16. Any temporary cessation of operations for a period in excess of three months shall be notified to the Waste Disposal Authority.

17. Not less than 14 days notice shall be given to the Waste Disposal Authority of the date on which landfilling is to commence or re-commence in the event of a temporary cessation for a period in excess of three months.

18. This licence shall expire on the 31st December, 1991.

**NOTE:**

- 1) Expiry date of Licence extended to 31st December 1992.
- 2) Expiry extended until proposed new Disposal Licence application is determined.

BLUE CIRCLE CEMENT - ABERTHAW WORKS

REVISED WORKING PLAN

SITE DETAILS

Name and address of Licence Holder

Blue Circle Cement  
Aberthaw Works  
East Aberthaw  
Nr Barry  
CF6 9ZR

Location of site to which  
the Licence relates

Aberthaw Works Quarry  
Site  
East Aberthaw  
Barry

QS 154 ST 037 669

Landfill

Form of deposit or disposal to  
which the licence relates

General industrial waste  
including cement waste,  
office waste including  
paper

Type of waste to be  
deposited

THE WORKING PLAN

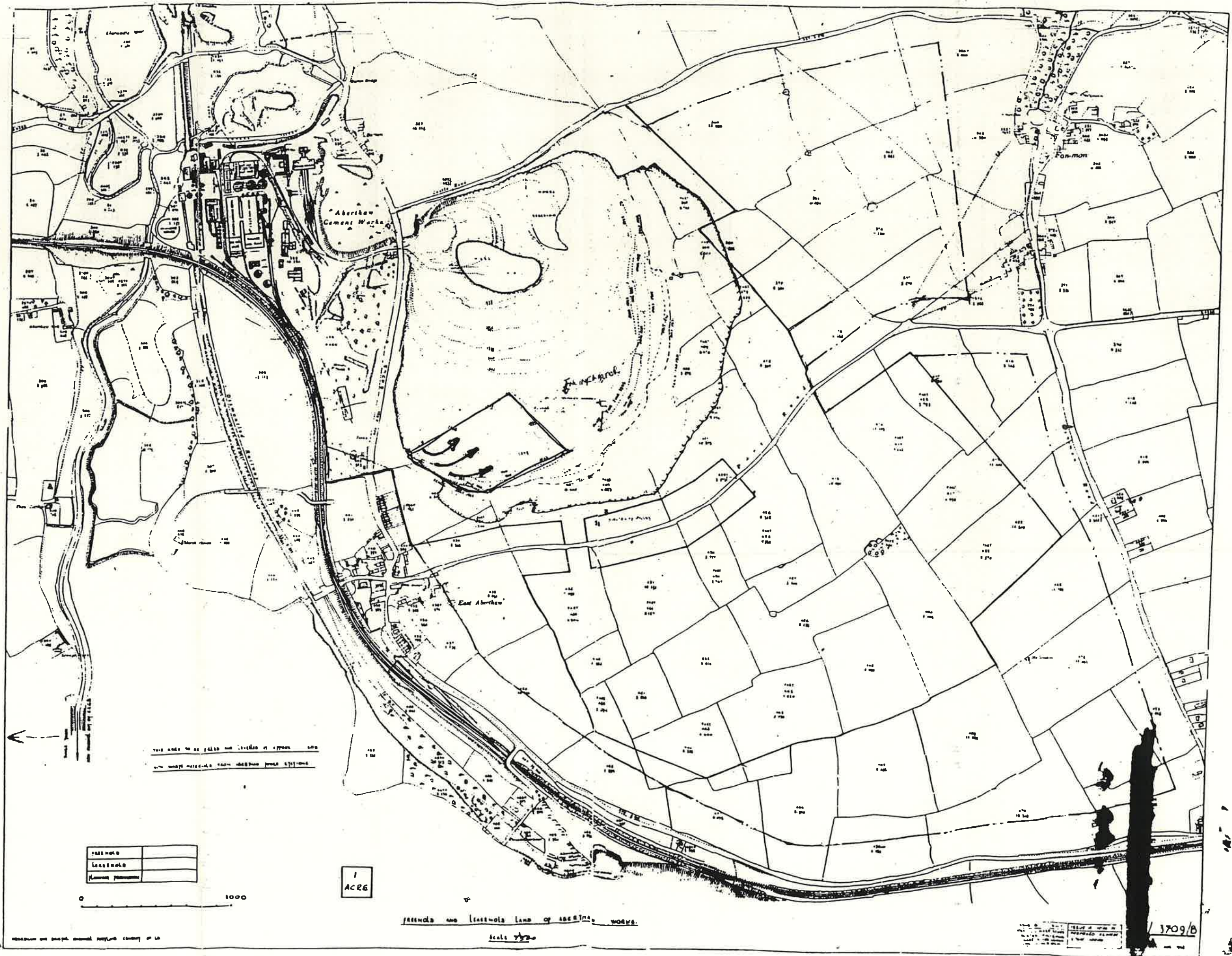
1. Waste disposal at the licensed site shall only comprise of materials arising from the activities of the company at the Aberthaw Cement Works ie general industrial waste including cement waste, office waste including paper.
2. All reasonable precautions shall be taken to prevent unauthorised access to the waste disposal site.
3. Appropriate precautions shall be taken at all times to ensure that no unauthorised depositing of waste takes place at the licensed site
4. Only solid non toxic controlled wastes as described in the application for a licence shall be disposed of by way of Landfill at the site.
5. Precautions shall be taken to ensure that no fouling of the public highway occurs due to deposits from the wheels or other points of vehicles that may travel on the highway after leaving the licensed site.

\continued

6. During dry weather water spraying shall be carried out on the tip and the approach roads thereto as and when necessary to prevent dust nuisance affecting occupiers of residential properties located in proximity to the works.
7. Waste other than inert material shall not be deposited in water.
8. All large articles such as furniture, crates, pallets, hollow containers likely to cause voids shall be crushed, broken up or flattened and covered each day by other wastes in such a position that they are not within one metre of the surface or two metres off the flanks or face.
9. Precautions shall be taken to deal effectively with any vermin and/or insects on the site.
10. Not less frequently than once a week any loose waste which may be lying on the site shall be gathered and disposed of in such a way as to keep the site tidy.
11. All waste shall be deposited in layers, not more than 2 metres in depth and not more than 10 metres in width. The covering of faces and top with 0.15 metre of inert material to be carried out as work proceeds, and shall be finished to such falls as to encourage surface water run off.
12. Until final restoration, completed areas of landfilling shall be graded to a level in keeping with the surrounding land contours and maintained in a tidy condition. No waste shall be deposited to a height exceeding the level of the land between the quarry face and Burton Terrace. When necessary, action shall be taken to control or destroy weeds.
13. The terms of the site licence shall be made known to any person who is given responsibility for the management or control of the site.

GLR/RWE/RJC

25 March 1993



BLUE CIRCLE CEMENT - ABERTHAW WORKS

REVISED WORKING PLAN

SITE DETAILS

|                                                             |                                                                                        |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Name and address of Licence Holder                          | Blue Circle Cement<br>Aberthaw Works<br>East Aberthaw<br>Nr Barry<br>CF6 9ZR           |
| Location of site to which<br>the Licence relates            | Aberthaw Works Quarry<br>Site<br>East Aberthaw<br>Barry<br><br>OS 154 ST 037 669       |
| Form of deposit or disposal to<br>which the licence relates | Landfill                                                                               |
| Type of waste to be<br>deposited                            | General industrial waste<br>including cement waste,<br>office waste including<br>paper |

THE WORKING PLAN

1. Waste disposal at the licensed site shall only comprise of materials arising from the activities of the company at the Aberthaw Cement Works ie general industrial waste including cement waste, office waste including paper.
2. All reasonable precautions shall be taken to prevent unauthorised access to the waste disposal site.
3. Appropriate precautions shall be taken at all times to ensure that no unauthorised depositing of waste takes place at the licensed site
4. Only solid non toxic controlled wastes as described in the application for a licence shall be disposed of by way of Landfill at the site.
5. Precautions shall be taken to ensure that no fouling of the public highway occurs due to deposits from the wheels or other points of vehicles that may travel on the highway after leaving the licensed site.

\continued

6. During dry weather water spraying shall be carried out on the tip and the approach roads thereto as and when necessary to prevent dust nuisance affecting occupiers of residential properties located in proximity to the works.
7. Waste other than inert material shall not be deposited in water.
8. All large articles such as furniture, crates, pallets, hollow containers likely to cause voids shall be crushed, broken up or flattened and covered each day by other wastes in such a position that they are not within one metre of the surface or two metres off the flanks or face.
9. Precautions shall be taken to deal effectively with any vermin and/or insects on the site.
10. Not less frequently than once a week any loose waste which may be lying on the site shall be gathered and disposed of in such a way as to keep the site tidy.
11. All waste shall be deposited in layers, not more than 2 metres in depth and not more than 10 metres in width. The covering of faces and top with 0.15 metre of inert material to be carried out as work proceeds, and shall be finished to such falls as to encourage surface water run off.
12. Until final restoration, completed areas of landfilling shall be graded to a level in keeping with the surrounding land contours and maintained in a tidy condition. No waste shall be deposited to a height exceeding the level of the land between the quarry face and Burton Terrace. When necessary, action shall be taken to control or destroy weeds.
13. The terms of the site licence shall be made known to any person who is given responsibility for the management or control of the site.

GLR/RWE/RJC

25 March 1993