Modification Number 282/M1

FILE
E160-503

OUTGOING

PERMIT

ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37

NOTICE OF MODIFICATION OF WASTE MANAGEMENT LICENCE - Mod 1

To H & E Trotter
Low Dyke
Calthwaite
Carlisle, Cumbria

WHEREAS Cumbria County Council (hereinafter called "the Authority") on 29 September 1994 granted/~~transferred~~ to you a waste disposal licence number 282 which in accordance with section 72(2) of the Environmental Protection Act 1990 (hereinafter called "the 1990 Act") is treated as a waste management licence from 1 May 1994 relating to

Thackwood Landfill Site, Southwaite

[AND WHEREAS ~~you have made an application for the licence conditions to be modified~~]

[AND WHEREAS the Authority has a duty under Section 37(2) of the Act to modify the licence to ensure that the activities authorised by the licence do not cause pollution or harm to human health or become seriously detrimental to the amenities of the locality affected by the activities]

NOTICE IS HEREBY GIVEN that the Authority modifies the licence conditions as follows:

By deletion of Conditions 2, 12 and 19 and replacing with attached Conditions 2, 12 and 19.

Such modification shall take effect on 14 February 19 96 at 08.00hrs

DATED 12 February 19 96

Signed ..... D COLE

Designation Director of Economy & Environment

Cumbria County Council. Economy and Environment. Citadel Chambers. Carlisle. Cumbria CA3 8SG

[In the opinion of the Authority it is necessary for the purpose of preventing pollution of the environment or harm to human health that Section 43(4)of the 1990 Act should not apply

N.B. The person on whom this notice is served may appeal against the Authority's decision to the Secretary of State within six months or such longer period as the Secretary of State may allow. (See notes overleaf)

2. **Permitted Wastes**

The total quantity of waste deposited shall not exceed 2,125 tonnes per week and shall not exceed 74,999 tonnes per annum.

2.1. Solid Waste

Only solid wastes of the following description shall be deposited.

2.1.1. Inert Material

Not more than 200 tonnes per week.

Inert material shall consist of:

2.1.1.1. soil, sand, clay, stone, concrete, bricks, slate, glass, and ceramic materials. Such inert material must not be contaminated with any leachate forming materials, including any of the following wastes (which are listed for the purposes of illustration only): paper, cardboard, foodstuffs, animal flesh, vegetable matter, plaster, plasterboard, wood, timber, sawdust, textiles, metal and plastic objects,

2.1.1.2. hard bonded asbestos products arising from building demolition or construction work.

2.1.2. Waste From Construction, Demolition or Building

Not more than 200 tonnes per week.

Waste from construction, demolition or building shall be waste containing mainly inert materials as described above, but also non-inert materials which arise necessarily from construction, demolition or building of any structure (which includes improvement, repair or alteration of a building or structure).

2.1.3. Household Waste

Not more than 500 tonnes per week.

Waste defined as household waste by Section 75(5) of the Environmental Protection Act 1990 and The Controlled Waste Regulations 1992 excluding any clinical waste as defined in The Controlled Waste Regulations 1992.

2.1.4. Commercial Waste

Not more than 600 tonnes per week.

Waste defined as commercial waste by Section 75(7) of The Environmental Protection Act 1990 and The Controlled Waste Regulations 1992, excluding any clinical waste as defined in The Controlled Waste Regulations 1992.

2.1.5. Industrial Waste

Not more than 600 tonnes per week.

Waste defined as industrial waste by Section 75(6) of The Environmental Protection Act 1990 and The Controlled Waste Regulations 1992, excluding any clinical waste as defined in The Controlled Waste Regulations 1992.

2.2. Liquid Waste and Special Waste

No liquid waste or special waste (as defined by The Control of Pollution (Special Waste) Regulations 1980) shall be deposited.

2.3. Difficult Waste

No difficult waste (as listed in Appendix 7c of Waste Management Paper 26) shall be deposited except for the following waste types and quantities :

Waste Description	Code of Waste
Scrap Rubber	L30
Sewage Sludge	Q40
Food Processing waste	T20
Animal Processing waste	T10
Empty Used Containers	Q30

The quantity of difficult waste shall not exceed 20% of the total quantity of waste deposited on the site in any calendar month.

2.4. Clinical Waste

Not more than 25 tonnes per week.

Clinical Waste is defined in The Controlled Waste Regulations 1992.

Only wastes defined by groups C, D and E in paragraph 3.1.1 of Waste Management Paper 25 shall be deposited. Each load shall be disposed of in accordance with condition 26 of this licence.

No waste defined by groups A (which includes animal carcasses arising from veterinary and similar premises) and B of paragraph 3.1.1 of Waste Management Paper 25, shall be deposited. (The clinical waste groups are described in the explanatory note at the end of this licence).

12 Fencing and Site Security

12.1 All existing fences and hedges shall be maintained in good condition and a lockable gate shall be provided at the entrance to the site which is sufficient to prevent unauthorised vehicular access.

12.2 The gate at the site entrance shall be kept locked whenever the site is unmanned, and in any case outside the permitted opening hours.

12.3 Before any clinical waste (as defined in condition 2.4) is deposited in any cell, that cell shall be enclosed by security fencing. Such fencing shall have a minimum height of 1.8 metres and shall be maintained until the cell is finally capped in accordance with condition 39. Gates of commensurate height shall also be provided. These gates shall be kept locked whenever the cell is not in use.

12.3.1 Before the security fencing is installed details showing the specification of the fencing and the exact area which is to be fenced shall be submitted to the Waste Regulation Authority and their written approval of the proposals received.

19 **Groundwater Monitoring**

PROVISION OF MONITORING POINTS

19.1 Groundwater samples shall be taken from the 5 boreholes indicated in The Working Plan. The position and construction of the boreholes shall be agreed in writing with the Waste Regulation Authority and the National Rivers Authority. These boreholes shall be purged prior to any samples being taken according to a method agreed in writing with the Waste Regulation Authority.

BACKGROUND MONITORING

19.2 Before any waste is deposited samples shall be taken in accordance with condition 19.1 at monthly intervals for a minimum of 3 months and analysed for those parameters described in condition 19.5.

19.3 In addition to the requirements of condition 19.2 at least one set of monthly samples shall be analysed for the parameters described in condition 19.7.

19.4 A copy of the results obtained shall be forwarded to the Waste Regulation Authority within one month of the sample being taken and before any waste is deposited.

SUBSEQUENT MONITORING

19.5 Samples taken in accordance with condition 19.1 shall be analysed at monthly intervals for the following parameters:

i	pH	ii	Conductivity
iii	Dissolved Oxygen	iv	Chloride
v	Ammoniacal Nitrogen	vi	Water level

19.6 A copy of the results obtained shall be forwarded to the Waste Regulation Authority within one month of the sample being taken.

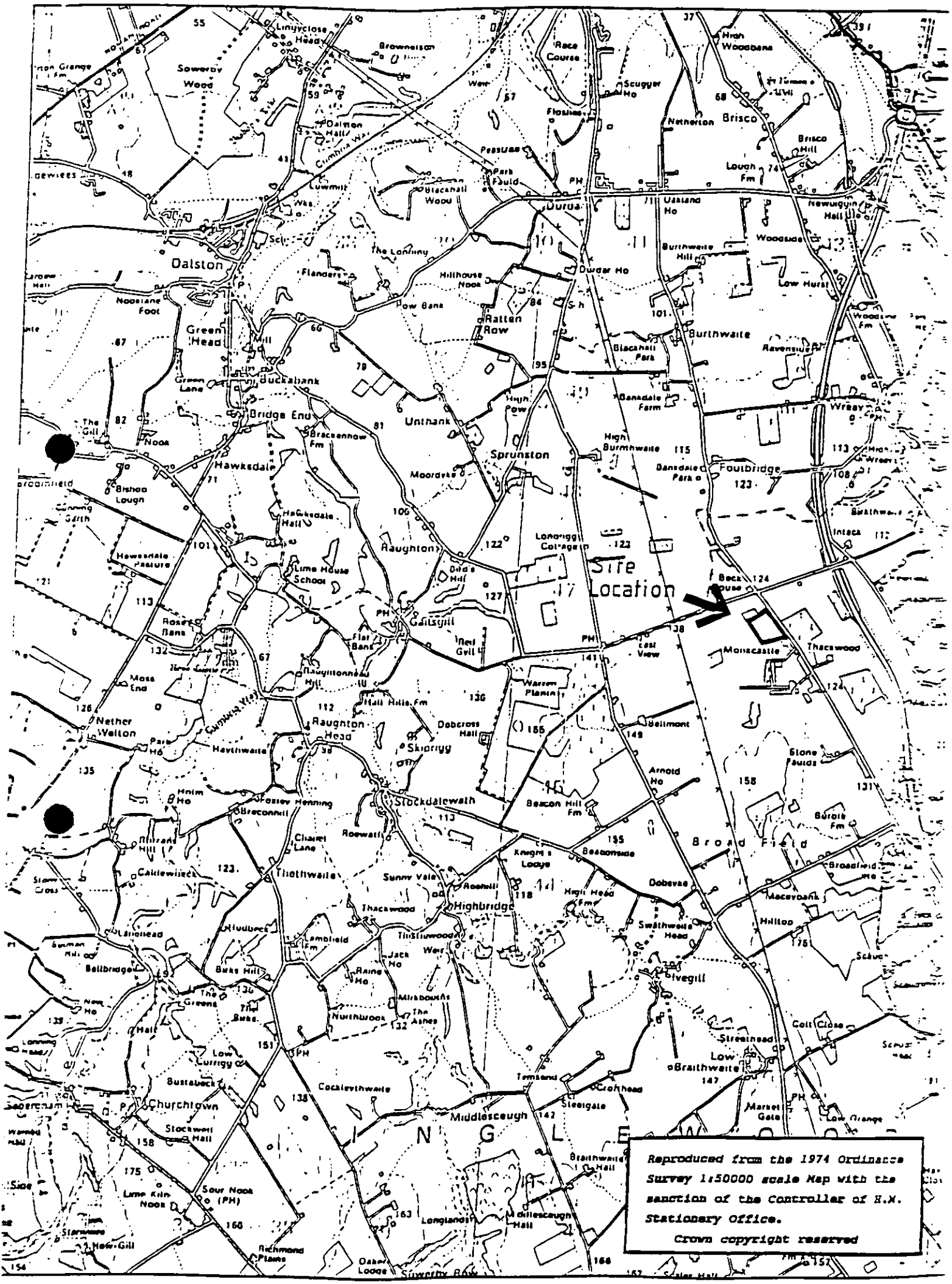
19.7 In addition to those parameters listed in condition 19.5 the samples shall be analysed for the following parameters every 3 months:

vi	Cadmium	vii	Chromium
viii	Copper	ix	Lead
x	Manganese	xi	Nickel
xii	Zinc	xiii	Iron
xiv	Magnesium	xv	Calcium
xvi	Potassium	xvii	Sodium
xviii	Total Organic Carbon	xix	Total Oxidised Nitrogen
xx	Alkalinity*	xxi	Sulphates
xxii	Mercury		

*Total alkalinity as $CaCO_3$ at pH 4.5

19.8 A copy of the results obtained shall be forwarded to the Waste Regulation Authority within one month of the sample being taken.

19.9 The monitoring programme shall be agreed annually. The revised programme shall be agreed with the Waste Regulation Authority. In default of agreement being reached, monitoring shall be carried out as defined in writing by the Waste Regulation Authority.


Site Location
Dalston
Green Head
Buckabank
Bridge End
Unthank
Sprunston
Raughton
Raughton Head
Stockdalewath
Thoithwaite
Highbridge
Middlescough
Burthwaite
Foulbridge
Wreay
Brisco
Broad Field
Low Braithwaite
Nether Welton
Hawksdale
Gallsgill
Skiddaw
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