



BUCKINGHAMSHIRE COUNTY COUNCIL

CONTROL OF POLLUTION ACT 1974 -
PART I. (Waste on Land)

DISPOSAL RESOLUTION

NO. :WDA/ 326

31st Jan 1986.


OUTGOING-1

DATES OF LICENCE MODIFICATIONS		
1. 7-1-85	6	_____
2. 31-1-86	7	_____
3. 30-6-89	8	_____
4. _____	9	_____
5. _____	10	_____


PERMIT

Buckinghamshire County Council,
Waste Disposal Unit,
County Engineer's Dept.,
5th Floor,
County Hall,
Aylesbury,
Bucks HP20 1UY

Telephone: Aylesbury 5000

BUCKINGHAMSHIRE COUNTY COUNCIL

CONTROL OF POLLUTION ACT 1974

PART 1 - WASTE ON LAND

IN PURSUANCE of its duties under the Control of Pollution Act 1974,
the Buckinghamshire County Council, being the Waste Disposal
Authority for the County of Buckinghamshire, hereby resolves that
the site at HIGH HEAVENS WASTE DISPOSAL COMPLEX (LANDFILL),
BOOKER, HIGH WYCOMBE
shown edged red on the attached plan being occupied and used by
the Authority for the disposal of controlled waste shall operate
according to the following conditions:-

The method of disposal to be by the technique known as:

LANDFILL

1. LANDFILL SITE

1.1 The following types of waste may be deposited at the site but shall
not exceed the quantities stated:

Household Waste	)	
	)	250 tonnes/day
Commercial Waste	)	
Industrial Waste		300 tonnes/week
Naturally occurring Excavated Material		No Limit
Construction Industry Waste		No Limit
Difficult Wastes as listed		

(Ref DoE Waste Management Paper No.4)

Add clinical waste as per Mod. dated 30.6.89

<u>Code</u>	<u>Description</u>	<u>Quantity</u>
C10	Alkaline materials	1 tonne/day
C20	Ammonia (<20%)	1 tonne/week
D-	Toxic Metals	Laboratory Quantities
E10 E90	)) Non Toxic Metals	1 tonne/day

Mod.
7.1.85

J10

Asbestos in the cement or other hard
sealed forms only up to 10 tonnes/day

F10	Alkali Metals	Laboratory Quantities
J20	Boiler Slag	10 tonne/week
J30	Mineral Wastes	10 tonne/day
J40	Silt & dredging	10 tonne/day
J50	Water (contaminated)	25 tonne/day
J60	Metal scrap	1 tonne/day
L20	Plastic scrap	20 tonne/day
L30	Rubber scrap	20 tonne/day
L50	Adhesives	1 tonne/day
M40	Vegetable Oil	1 tonne/week
M50	Oil/water (10% oil)	15 tonne/day
M60	Fats/waxes/greases	1 tonne/day
N10	Pharmaceuticals	1 tonne/day
N20	Biocides	1 tonne/month
Q10	Used filter materials	1 tonne/day
Q20	Non hazardous Contaminated rubbish	20 tonne/day
Q30	Non hazardous empty containers	1 tonne/day
Q40	Industrial effluent treatment sludge	1 tonne/day
R30	Printing Industry waste	1 tonne/day
R70	Tar, pitch, asphalts	1 tonne/day
R80	Paint waste	1 tonne/day
S10	Tannery waste (solid)	1 tonne/day
T10	Animal wastes	1 tonne/day
T20	Food waste	10 tonne/day
P10) 20) 30)	Mixed chemical waste	Laboratory Quantities

The total quantity of wastes deposited shall not exceed 400 tonnes per day, with the exception of naturally occurring excavated material.

The deposit of the following types of waste shall be prohibited:-

1. Any waste not listed above.
2. Normally any waste having a flash point below 40°C.
3. Any waste which by virtue to its chemical nature and quantity involved would pollute surface or underground water including:-
 - (a) Phenols
 - (b) Halogenated and other persistent organics
 - (c) Chromates and other toxic heavy metals
4. Any difficult, liquid or special waste which has not been specifically approved by the County Engineer.
5. Any household or other putrescible material within 65 metres of the south-eastern boundary of the site, i.e. in the area marked on the plan no. H1800/15.
6. Any liquid waste normally in excess of 6000 gallons/day nor in any event 200,000 gallons in any three month period.

SITE PREPARATION AND WORKS

- 1.2 A road shall be provided within the site. It shall be constructed to the following specification and shall, as a minimum, run from the site entrance to the site control office. It shall have a hard surface capable of being swept and capable of taking loaded commercial vehicles without deformation.

Specification:-

6 metres width tarmacadam surfaced road from the main road to the weighbridge.

1.3 A site office shall be provided to control access. It shall be equipped with a telephone, water for drinking and washing and with a toilet facility.

1.4 A site identification board of durable material and finish shall be displayed at the site entrance showing the following information:-

- (a) the name of the site
- (b) the days and hours when the site is open
- (c) "Operated by the Buckinghamshire County Council
Telephone Aylesbury 5000 ext. 411"

The lettering used shall be a minimum of 2.5cms (1 inch) in height. The identification board shall be maintained in a legible condition.

1.5 Tanks used for the storage of fuel shall be bunded or sited on previous deposited refuse. They shall be of a type and construction suitable for the materials they contain and shall be labelled to show their contents.

1.6 Subsidiary site roads shall be provided as follows:-

- (a) Spine road
- (b) Other roads to the tipping face

These shall be maintained to a reasonable standard so as to ensure the independent passage of vehicles without damage to the understructure; they will be reasonably level and free from deep depression and items obviously liable to damage tyres.

1.7 A suitable weighing facility shall be installed at an appropriate point on the site. Suitable facilities shall be arranged for storing and maintaining equipment used on the site.

- 1.8 A lined borehole into the ground water shall be provided and maintained as a sampling point, at grid reference SU 840 886.
- 1.9 Sufficient screens or other apparatus shall be provided, where necessary, to prevent paper or other materials from being blown by the wind away from the site. Any such paper, or other materials which have been blown from the site or from vehicles using the site shall, with the minimum delay, be collected and returned to the site. Any vehicle carrying loose waste which is not properly sheeted or netted shall not be admitted to the site.
- 1.10 Gates and fencing have been provided to the following specification. They shall be maintained to a reasonable standard and all reasonable precautions shall be taken to prevent unauthorised access to the site.
- Specification:-
- Lockable steel-gates with 2 metre chain link fencing and natural hedging.
- 1.11 Except for emergency reasons the landfill site shall only be operative during daylight within the following hours:
- 0800 - 1800 hours

SITE OPERATION

- 1.12 The site shall be adequately manned and supervised during working hours. When staff are not available the site shall be adequately secured to prevent the unauthorised deposit of waste. If unauthorised wastes are nevertheless deposited they shall be examined by a competent person and if it appears that any of them consist of a material not allowed by Condition 1.1, all

necessary action shall be taken to dispose safely of such material.

- 1.13 Solid waste shall be compacted and formed into a layer as soon as possible after deposit and not later than at the end of the working day on which the waste is received. The depth of a layer of waste shall not, after initial compaction exceed 2.5 metres (8 feet).
- 1.14 The layer of waste shall be formed in one or other of the ways described in Condition 1.15 below, using suitable compaction equipment with a blade or some other appropriate levelling device.
- 1.15 Waste shall either (a) be deposited on the surface of the site behind the face and partially compacted by a tractor or other compacting machine before being pushed over the face or it shall (b) be deposited on the ground forming the base of the site, or on a previous covered layer in front of the face and shall be formed into a compacted layer by being pushed upwards and driven over by a tractor or other compacting machine.
- 1.16 Before covering, working faces and flanks shall be compacted to form gradients not steeper than 1 in 3 by driving a tractor up and down.
- 1.17 Waste deposited other than that which is wholly non-putrescible shall, subject to the traction needs of vehicles operating at the working face, be covered progressively with suitable non-putrescible or stabilised material throughout the working period each day, so that by the end of the working day exposed surfaces, including the flanks shall have been

covered to a depth of not less than 23 cms (9 inches).

The face shall also be compacted, graded and so covered at the end of the working week.

- 1.18 All necessary action shall be taken to ensure that an adequate supply of suitable covering material is maintained. The supply shall constitute at least 15% by volume of the solid waste input.

Before any putrescible waste is deposited a stockpile of covering material (either imported or pre-dug) equivalent to one week's requirement shall be established and maintained in an appropriate position on the site for use as a buffer stock.

- 1.19 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 1 metre (3 feet) of the surface or 2 metres (6 feet) of the flanks or face.

- 1.20 The site, including trenches excavated for deposit of liquid waste, shall be maintained in a tidy condition; tins, hollow vessels, or other loose debris shall not be left lying on or about the site or the access thereto, or against screens and fences and shall be removed not less frequently than once each week and disposed of in a suitable manner.

- 1.21 Trenches excavated for the deposit of liquid waste shall be suitably fenced about their perimeter and warning notices erected.

- 1.22 No waste material shall be burnt within the boundaries of the site unless of limited nature under strict supervision and all such operations shall be extinguished during the same working

day. Any other fires at the site shall be regarded as an emergency and immediate action shall be taken to extinguish it.

- 1.23 Precautions shall be taken to deal effectively with any vermin and insects on the site. The entire site shall be inspected as routine and disinfection measures applied as necessary. A record shall be kept of such measures. The following equipment shall be held available and maintained on the site.

Equipment:-

5 gallon knapsack sprayer

5 gallon suitable insecticide

- 1.24 A record shall be kept of the types and quantities of waste deposited.

- 1.25 The terms of this Resolution shall be made known to any person who is given responsibility for the management or control of the site and a copy of this shall be displayed at the site control office.

- 1.26 Site roads shall in dry weather be sprayed with water to suppress dust.

- 1.27 Animal carcasses and waste consisting wholly or mainly of animal or fish waste, condemned food, including tinned and packaged food, or other obnoxious materials shall be deposited in front of the working face and immediately covered with other waste material so that the obnoxious material is not within 1 metre (3 feet) of the surface and 2 metres (6 feet) of the flanks or face.

- 1.28 Rubber wastes shall not be concentrated in any one part of the tip; no more than one vehicle load shall be deposited in any one

place.

- 1.29 Material once deposited in the tip and covered shall not be disturbed or picked over, except during the excavation of slit trenches for the deposit of liquid waste. Refuse excavated for this purpose shall be dealt with in a satisfactory manner. No excavation shall take place in areas where difficult wastes have previously been deposited.
- 1.30 Bulk liquid waste shall be discharged into slit trenches. The point at which vehicles should discharge their load shall be clearly marked and reasonably level hardstanding shall be provided around the discharge point. Only one vehicle shall be allowed in the vicinity of the discharge point at any one time. Discharges into a slit trench shall cease when the liquid level has attained 60 cms (2 feet) from the top of the trench.
- 1.31 Each layer of waste and covering material shall be laid to a fall to encourage surface water run-off.
- 1.32 Until final restoration, completed areas of landfilling shall be graded and maintained in a tidy condition and, where necessary, action shall be taken to control or destroy weeds.
- 1.33 All necessary action shall be taken, in accordance with the Health and Safety Executive Guidance Note GS 6, to ensure that the proximity of overhead electric lines (across the approach road to the site) present no hazard.
- 1.34 The final layer deposited shall be subject to the minimum compaction and shall, to a depth of not less than 1 metre (3 feet), be kept free of any difficult waste or materials

likely to interfere with final restoration and/or subsequent cultivation. This shall be overlain by a layer of low permeability material to minimise rainfall infiltration.

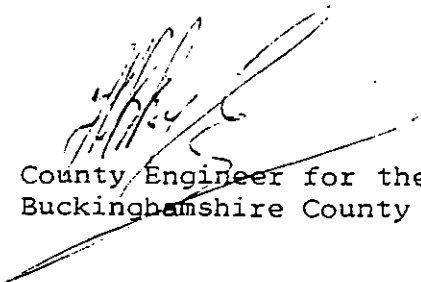
1.35 The final restoration for agricultural purposes shall comprise:

- (a) 23 cms of pulverised product or chalk or other suitable material, overlain by
- (b) 30 cms of subsoil, overburden or other suitable soil, overlain by
- (c) 30 cms of humus bearing soil.

1.36 The final restoration for afforestation shall be prepared in accordance with a scheme to be agreed with the County Planning Officer.

Add new Condition 1.37 as per Mod. dated 7.1.85
Add new Conditions 1.38 to 1.42 as per Mod. dated 30.6.89

Dated this 12th Day of JUNE 1982


County Engineer for the
Buckinghamshire County Council

County Hall
Aylesbury
Buckinghamshire

H 1800/17/1

High Heavens Wood

GREAT MARLOW CP

~~Marlow Bottom~~