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**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

**3C Waste Limited ("the
Operator"
Llanddulas Landfill Site,
Abergele Road,
Llanddulas,
Conwy,
North Wales,
LL22 8HP**

Variation Notice number

BX7789

Permit number

BU0800

Introductory note

This introductory note does not form a part of the Variation Notice.

The following Notice is issued under Regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a Permit issued under the Regulations to operate [part of] an installation.

The Notice comprises Schedule 1 containing conditions to be deleted, Schedule 2 conditions to be amended and Schedule 3 conditions to be added. The Notice is subject to the express conditions set out in Schedules 1 to 3.

The Permit, as amended by this Variation Notice, contains conditions which have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the PPC Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation. Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

The following conditions are to be amended / added:

Condition 1.4.1.5 to be amended to ensure that new boreholes installed are included in the monitoring program.

Conditions 2.1.2.1-7 inclusive amended to specify waste types and quantities to be permitted under the authorisation.

Condition 2.1.2.8 deleted.

Table 2.1.1.B added to specify permitted wastes for disposal

Condition 2.2.2.1 amended to include 'unless otherwise stated'

Condition 2.2.4.2 amended so that dust as well as litter is included in the prevention of fugitive emissions from the site.

Condition 2.2.6.2 amended to include 'prevent' as well as 'reduce' odorous emissions.

Table 2.10.1 amended so that tables referred to reads correctly.

Schedule 2 amended to require reporting of Waste returns summary on a quarterly basis, and amendment of tables referred to so that the schedule reads correctly.

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

PPC Permits relating to this installation			
Permit holder	Activity	Permit Number	Date of Issue
3C Waste Ltd	Disposal of Waste by Landfill	BU0800	06/02/2004

Superseded Licenses/Consents/Authorisations relating to this installation			
Holder	Permit Type	Reference Number	Date of Issue
3C Waste Ltd	Waste Management Licence	CBC06	15/01/1992
3C Waste Ltd	Waste Management Licence	CBC08	03/11/1992

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 of the Permit.

Confidentiality

The Permit/Variation requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of the 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. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, 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, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. 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 ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

Status Log

Detail	Date	Comment
Application BU2853	Received 27 th February 2003	
Application BU0800	Received 9 th June 2003	Applicant agreed that separate applications should be conjoined-see letter dated 30 th January 2004, Ref:4D-197-126
Response to request for information 1	Received 30 th June 2003	Responses to statutory consultee comments for Phases 2 and 3A
Response to request for information 2	Received 22 nd July 2003	Reference: 4D-197-126, dated July 2003, comprising 3 documents regarding hydrogeology and stability (2 documents)
Supplementary information	Dated 9 th December 2003	List of waste types for acceptance at the Llanddulas Landfill
Request to extend determination	08/10/2003	Extended to 17/10/2003
Request to extend determination	16/10/2003	Extended to 10/11/2003
Request to extend determination	10/11/2003	Extended to 01/12/2003
Permit BU0800	Determined 6 th February 2004	
Variation BX7789	Determined 28 th April 2004	

End of introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000



**ENVIRONMENT
AGENCY**

Variation Notice

Permit number (The Permit)

BU0800

Variation Notice number

BX7789

The Environment Agency in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I. 2000 No. 1973) (as amended), hereby varies the Permit issued on 6th February 2004 and held by you.

3C Waste Limited ("the Operator"),

whose Registered Office is

**3 Sidings Court,
White Rose Way,
Doncaster,
South Yorkshire,
DN4 5NU**

Company registration number 02632581

which relates to the operation of an installation at

**Llanddulas Landfill Site,
Abergele Road,
Llanddulas,
Conwy,
North Wales,
LL22 8HP**

to the extent set out in Schedules 1 to 3 of this Variation Notice.

This Notice shall take effect from 29th April 2004 **at 00.01 hours.**

Signed

Emyr Jones

Authorised to sign on behalf of the Environment Agency

Date

28th April 2004

Effective from 29th April 2004

SCHEDULE 1 - CONDITIONS TO BE DELETED

1. Condition 2.1.2.8 deleted

SCHEDULE 2 - CONDITIONS TO BE AMENDED

2. Condition 1.4.1.5 amended to read

1.4.1.5	The operator shall install a minimum of 3 landfill gas monitoring boreholes within each of the designated phases 1A, 1B, 1C, 2, 3, and 3A. These boreholes shall be installed to a depth to ensure that the concentration and pressure of landfill gas within the waste body can be determined whilst not affecting the integrity of the containment within those phases. Each borehole shall be located in a position as far as practically possible from the installed landfill gas collection wells to minimise the effect from those wells, and incorporated in to the monitoring programme once installed.	Phases 1A and 1B, 1C and 2 within 6 months of issue of the permit. For 3 and 3a within 6 months of landfilling ending
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3. Condition 2.1.2 amended to read

2.1.2 Wastes shall only be accepted for disposal on the site in accordance with;

4. Condition 2.1.2.1 amended to read

2.1.2.1 The restrictions in Table 2..1.1B below

5. Condition 2.1.2.2 amended to read

2.1.2.2 The list of waste types and quantities, as described in the application, with the exception of any 'xx.xx.99' codes unless otherwise agreed in writing with the Agency.

6. Condition 2.1.2.3 amended to read

2.1.2.3 they are in accordance with the list of waste types and quantities, as described in the application.

7. Condition 2.1.2.4 amended to read

2.1.2.4 The operator of the landfill shall visually inspect the waste at the entrance to the landfill and at the point of the deposit and shall satisfy himself that it conforms to the description provided in the documentation submitted by the holder.

8. Condition 2.1.2.5 amended to read:

2.1.2.5 The operator shall ensure that if representative samples are taken for analysis, the operator shall retain the samples and results of any analysis for at least one month.

9. Condition 2.1.2.6 amended to read:

2.1.2.6 The operator on accepting each delivery of waste shall provide a written receipt to the person delivering it.

10. Condition 2.1.2.7 amended to read:

2.1.2.7 The operator shall ensure that the landfill is secured to prevent free access to the site and the gates of the landfill must be locked outside operating hours.

11. Condition 2.2.2.1 amended to read:

2.2.2.1 This Part 2.2.2 of this Permit shall not apply to releases of odour, noise or vibration or to releases to groundwater, unless otherwise specified.

12. Condition 2.2.4.2 amended to read:

2.2.4.2 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of dust and litter from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant

13. Condition 2.2.6.2 amended to read:

2.2.6.2 All emissions to air from the installation shall be free from offensive odour as perceived by an Authorised Officer of the Agency outside of the installation boundary except that the Operator shall not be taken to have breached this condition if the Operator has ensured that all appropriate measures are taken or where that is not practicable, to prevent or reduce, such odorous emissions.

14. Table 2.10.1 amended to read:

Table 2.10.1

Tables	Trigger levels
2.2.2	Emissions limits to air and monitoring
2.2.2.4	Emissions limits to surface water and monitoring
2.2.2.9	Emission limits and monitoring frequency to sewer
2.2.3.5	The trigger levels for emissions into groundwater
2.2.4.5.2	Fugitive emission limits to air and monitoring
2.2.4.6.1/2	Effectiveness of Gas Management System
2.2.7.7	Trigger head levels for leachate gauging.
2.2.7.9	Leachate Concentration Control Levels
2.2.7.13	Emission limits to land and monitoring

15. Schedule 2 amended to read:

Effective from 29/04/2004

Schedule 2 - Reporting of monitoring data

Parameters for which monitoring reports shall be made, in accordance with condition 4.1.2 of this Permit, are referenced below.

<u>Table Reference</u>	<u>Parameter types and media</u>	<u>Reporting frequency</u>
2.2.2	Emissions limits to air and monitoring	Annually
2.2.2.4	Emissions limits to surface water and monitoring	Quarterly
2.2.2.9	Emission limits and monitoring frequency to sewer	Quarterly
2.2.3.5	Trigger levels for emissions into groundwater and monitoring	Quarterly
2.2.4.5.2	Fugitive emission limits to air and monitoring	Annually
2.2.4.6.1	Effectiveness of Gas Management System gas collection wells	Quarterly
2.2.4.6.2	Effectiveness of Gas Management System trace gas composition	Annually
2.2.7.7	Trigger head levels for leachate gauging	Quarterly
2.2.7.9	Trigger compliance levels for leachate quality and monitoring	Quarterly
2.2.7.13	Emission limits to land and monitoring (External landfill gas monitoring)	Quarterly
<u>Condition reference</u>	<u>Parameter</u>	<u>Reporting frequency</u>
2.1.5	Waste summary	Quarterly

SCHEDULE 3 CONDITIONS TO BE ADDED

16. Table 2.1.1B to be added:

Table 2.1.1B Wastes Accepted for Disposal	
Waste Category or Type	Re-permitted Landfill
	Permitted or not Permitted
Hazardous	Not Permitted
Non-Hazardous	Permitted
Stable non reactive hazardous	Not Permitted
Inert	Permitted
Liquid wastes (including waste waters but excluding sludge)	Not Permitted
Waste which in the conditions of landfill is explosive, corrosive, highly flammable or flammable.	Not Permitted
Hospital and other clinical infectious wastes from medical or veterinary establishments	Not Permitted
Chemical substances from research and development or teaching activities, for example laboratory residues, which are unidentified and/or which are new and whose effects on man and/or the environment are unknown.	Not Permitted
Whole used tyres (other than tyres used as engineering materials, bicycle tyres and tyres with an outside diameter of more than 1400mm.	Not permitted
Shredded Tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400mm.	Permitted until 16 th July 2006.
Any waste which does not fulfil the relevant waste acceptance criteria	Not Permitted
Waste which has been diluted or mixed solely to meet the relevant waste acceptance criteria.	Not Permitted
Wastes which have not been treated, except for: Inert wastes for which treatment is not technically feasible; or It is waste other than inert waste and treatment would not reduce it's quantity or the hazards which it poses to human health or the environment.	Permitted until a date to be specified in Regulations and if no date so specified no later than 31 st March 2007

