Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Woods Waste Limited

Westby Landfill Site
Annas Road
Blackpool
Lancashire
FY4 5JY

Variation application number

EPR/JP3338ST/V002

Permit number

EPR/JP3338ST

Westby Landfill Site
Permit number EPR/JP3338ST

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The Operator has applied to vary the permit to include the following:

- Add waste code 01 05 08 to the list of wastes accepted in cells 2 – 3; and
- Vary cells 4 – 14 from non-hazardous waste to inert waste cells.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	**Date**	**Comments**
Application received EPR/JP3338ST/A001	Duly made 09/05/05	Application for non-hazardous landfill.
Permit determined EPR/JP3338ST	10/04/06	Original permit issued to Woods Waste Limited.
Application EPR/JP3338ST/V002	Duly made 08/04/14	Application to change cells 4 – 14 to inert landfill cells.
Variation determined EPR/JP3338ST (Billing Ref: ZP3036EB)	17/06/14	Varied permit issued.

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/JP3338ST

issued to:
Woods Waste Limited ("the operator")

whose registered office is

Westby Landfill Site
Annas Road
Peel
Nr Blackpool
Lancashire
FY4 5JY

company registration number **02816049**

to operate a regulated facility at

Westby Landfill Site
Annas Road
Nr Blackpool
Lancashire
FY4 5JY

to the extent set out in the schedules.

The notice shall take effect from 17/06/2014

Name	Date
Thomas Ruffell	**17/06/2014**

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator.

2.8.1 Wastes shall only be accepted for disposal if:

(a) they are listed in Schedule 3, Tables S3.1, S3.2 and S3.3, and

(b) they are non-hazardous waste, and

(c) from 16th July 2006 , they are not whole used tyres (other than bicycle tyres and tyres with an outside diameter of more than 1400mm), and

(d) from 16th July 2006 they are not shredded used tyres, and

(e) they are not liquid waste (including waste waters but excluding sludge), and

(f) they are not 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, and

(g) all the relevant waste acceptance procedures set out in Schedule 1 of the Landfill Regulations have been completed, and

(h) they fulfil the relevant waste acceptance criteria, and

(i) they have not been diluted or mixed solely to meet the relevant waste acceptance criteria, and

(j) from 30th October 2007, they are wastes which have 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 its quantity or the hazards which it poses to human health or the environment.

Table S1.1 as referenced by condition 2.2.1 has been amended to specify which cells receive non-hazardous waste and which cells receive are inert waste.

Table S1.1 Activities		
Activity listed in Schedule 1 of the PPC Regulations	**Description of specified activity**	**Limits of specified activity**
Section 5.2 Part A(1)(a). The disposal of waste in a landfill.	Landfill for non-hazardous waste (landfill classification under the Landfill Regulations 2002)	Receipt, handling, storage and disposal of wastes, consisting of the types and quantities specified in conditions 2.8.1, 2.8.5 and 2.8.6, as an integral part of landfilling. Landfillig of Non-Hazardous wastes is restricted to cells 1 – 3 as specified in Table S3.1. Landfilling in cells 4 – 14 is restricted to inert waste only as specified in Table S3.3.
Associated Activity		
Leachate Management	Storage and handling of leachate	Leachate arising from the Permitted landfill and from the closed Westby North Landfill prior to removal off site to a suitable effluent treatment facility.
Landfill gas management	Flaring of landfill gas	Landfill gas arising from the Permitted landfill and from the closed Westby North Landfill.
Water discharges to controlled waters	Discharge of site drainage from the landfill.	From surface water management system to point of entry to controlled waters.
Fuel Storage	Storage of fuel for operation of plant and equipment	Fuel storage tank to point of use within the installation.

Table S1.2 as referenced by Condition 2.3.1 has been amended to update the operating techniques.

Table S1.2 Operating Techniques		
Description	**Parts**	**Date Received**
Application	The response to questions 1.4.4, 2.1, 2.2, 2.3, 2.4 , 2.5, 2.6, 2.7, 2.8, 2.9 and 2.11 in part B of the Application Form. Excluding the response to questions 2.1.7, 2.1.8, 2.2.9 (part 2), 2.2.10 (part 5), 2.2.16 (part 2), 2.2.42, 2.2.46 (parts 4, 5 and 6), 2.2.48 (parts 4 and 6), 2.2.50, 2.2.57, 2.2.65, 2.2.72, 2.2.79 (part 4 and 5) and 2.11.4.	09/05/2005
Atkins letter (ref 5034912.HLR.076_27488): dated 31/05/2005 changing the waste quantities on the application form.	All	31/05/2005
Atkins letter (ref:5034912/AJG/076.29980) and supporting documentation regarding requests for information dated 30/08/2005.	All	04/10/2005
Atkins letter (ref:5034912.30164.HLR) and supporting documentation regarding requests for information dated 07/11/2005.	All	02/12/2005
Amended plan showing pre-settlement contours requested by email on 06/01/2006.	ESID 4 (Rev 1)	12/01/2006 by email
Atkins letter (5034912/AJG/076.30282) and supporting documentation regarding requests for information dated 03/01/2006.	Excluding: The monitoring schedules in the leachate, groundwater, gas and surface water management plans. The control and trigger levels in the groundwater management plan.	17/01/2006
Atkins letter (ref: 5034912/AJG/076.30309) and supporting documentation regarding requests for information dated 19/12/2005.	All	23/01/2006
Atkins letter (ref: 5034912/AJG/076.30373) regarding requests for information dated 27/01/2006.	All	14/02/2006
Amended plan	ESID 7 (Rev 03) Monitoring Locations	02/03/2006
Application EPR/JP3338ST/V002	Environmental permit variation application Report No 09516/13 March 2014 Sections 2.1 and 3.1	12/03/2014

Table S1.4 has been amended to include pre-operational condition S1.4.9.

Table S1.4 Pre-operational Measures for Future Development		
Reference	**Operation**	**Pre-operational Measures**
S1.4.1	Construction of each new cell	At least four weeks prior to the commencement of the engineering of each cell the Operator shall submit to the Environment Agency for approval an assessment of the potential for hydrostatic uplift to have a detrimental effect on the integrity of both the basal and sidewall lining systems. Any such assessment shall be based on groundwater level information that is derived from cell specific ground investigations, employs an appropriate factor of safety (to be agreed with the Environment Agency) and confirms that no basal/sidewall heave will occur. This information shall be provided as part of the detailed design, material specifications, CQA programme and CQA validation report to be submitted prior to the commencement of the engineering construction of each cell as required by conditions 2.7.1, 2.7.3, 2.7.4 and 2.7.6.
S1.4.2	Construction of each new cell	At least four weeks prior to the commencement of the engineering of each cell the Operator shall submit 12 monthly groundwater level monitoring data for the cell to be constructed in writing to the Environment Agency.
S1.4.3	Waste deposit in cells 2 and 3[1]	No waste shall be placed in any cell until the Operator has demonstrated that the average hydraulic conductivity of the in-situ clay geological barrier is equal to or less than 1 x 10-9m/s in that cell.
S1.4.4	Waste deposit in cells 2 and 3[1]	No waste shall be placed in any cell where the natural geological barrier is shown by site investigation to be less than 2.26m in thickness unless either: The Operator has submitted in writing to the Environment Agency a Hydrogeological Risk Assessment demonstrating that the site remains compliant with the Groundwater Regulations 1998 and the Agency has confirmed in writing that the revised risk assessment based on a reduced thickness is acceptable; or The Operator instigate measures to ensure a minimum 2.26m geological barrier is present, and the Environment Agency has been provided with appropriate CQA demonstrating that the measures taken are adequate.
S1.4.5	Waste deposit in cells 2 and 3[1]	Install leachate monitoring wells at the locations in each phase in accordance with drawing ESID 7 (Rev 3) of the Application or equivalent locations as agreed with the Environment Agency.
S1.4.6	Immediately prior to waste deposit in cells 2 and 3[1]	Install a 0.3m thick layer of cover or leachate drainage soils on the side slopes to ensure protection of the lining system.
S1.4.7	Capping of cells1 to 14[1]	At least four weeks prior to the commencement of the capping works details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the construction shall be submitted in writing to the Environment Agency. Following submission of these details the Operator shall undertake any measures notified by the Environment Agency in writing to the timescales indicated in that notification.

Table S1.4 Pre-operational Measures for Future Development		
Reference	**Operation**	**Pre-operational Measures**
S1.4.8	Capping of cells 1 to 14[1]	At least four weeks prior to the commencement of the capping works details of the proposed geotextile protection layer to be placed either above or below the geomembrane cap shall be submitted in writing to the Environment Agency. The information provided shall include calculations to confirm that the proposed geotextile will provide the necessary degree of protection to the geomembrane both in the short term when the cover/restoration soils are being placed and in the long term.
S1.4.9	Deposit of inert waste into cells 4 - 14	Prior to the development of cell 4, the operator shall submit a report in writing for Environment Agency approval which includes the following: • review the available groundwater data and compliance limits for the site; • amend the groundwater monitoring scheme accordingly to account for new inert cells 4-14. • include proposals for in-waste gas monitoring for cells 4-14.

Note 1 - Phasing as shown on drawing ESID 7 (Rev 3) of the application

Table S3.1 has been amended to limit non-hazardous waste disposal to cells 1 – 3 only and to introduce an additional waste code.

Table S3.1 Permitted waste types for disposal in non hazardous cells (cells 1 – 3)	
EWC code	**Description of waste**
01	**Wastes Resulting from Exploration, Mining, Quarrying and Physical and Chemical Treatment of Minerals**
01 04	**Wastes from physical and chemical processing of non-metalliferous minerals**
01 04 08	Waste gravel and crushed rock other than those mentioned in 01 04 07
01 04 09	Waste sand and clays
01 05	**Drilling muds and other drilling wastes**
01 05 04	Freshwater drilling muds and wastes
01 05 08	chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
02	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing**
02 01	**Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 01	Sludges from washing and cleaning
02 01 03	Plant-tissue waste[2]
02 01 04	Waste plastic (except packaging)
02 01 07	Wastes from forestry
02 04	**Wastes from sugar processing**
02 04 01	Soil from cleaning and washing beet[2]

Table S3.1 Permitted waste types for disposal in non hazardous cells (cells 1 – 3)	
EWC code	**Description of waste**
03	**Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard**
03 01	**Wastes from wood processing and the production of panels and furniture**
03 01 01	Waste bark and cork
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	**Wastes from pulp, paper and cardboard production and processing**
03 03 01	Waste bark and wood
03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
03 03 09	Lime and mud waste
03 03 10	Fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11	Sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	**Wastes from the Leather, Fur and Textile Industries**
04 02	**Wastes from the textile industry**
04 02 21	Wastes from unprocessed textile fibres
04 02 22	Wastes from processed textile fibres
09	**Wastes from the photographic industry**
09 01	**Wastes from the photographic industry**
09 01 08	Photographic film and paper free of silver and silver compounds
09 01 10	Single-use camera without batteries
09 01 12	Single-use camera containing batteries other than those mentioned in 09 01 11
10	**Wastes from Thermal Processes**
10 01	**Wastes from power stations and other combustion plants (except 19)**
10 01 01	Bottom ash, slag and boiler dust (excluding dust mentioned in 10 01 04)
10 01 02	Coal fly ash
10 01 03	Fly ash from peat and untreated wood
10 01 15	Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16
10 02	**Wastes from the iron and steel industry**
10 02 01	Wastes from the processing of slag
10 02 02	Unprocessed slag
10 02 14	Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	Other sludges and filter cakes
10 09	**Wastes from casting of ferrous pieces**
10 09 03	Furnace slag
10 09 06	Casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	Casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07

Table S3.1 Permitted waste types for disposal in non hazardous cells (cells 1 – 3)	
EWC code	**Description of waste**
10 11	**Wastes from the manufacture of glass and glass products**
10 11 03	Waste glass-based fibrous materials
10 11 12	Waste glass other than those mentioned in 10 11 11
10 11 16	Solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	Sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 12	**Wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 12 01	Waste preparation mixture before thermal processing
10 12 06	Discarded moulds
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	Solid wastes from gas treatment other than those mentioned in 10 12 09
10 13	**Wastes from the manufacture of cement, lime and plaster articles and products made from them**
10 13 04	Wastes from calcination and hydration of lime
12	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01	**Wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 02	Ferrous metal dust and particles
12 01 04	Non-ferrous metal dust and particles
12 01 05	Plastic shavings and turnings
15	**Waste packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified**
15 01	**Packaging (including separately collected municipal packaging waste)**
15 01 02	Plastic packaging
15 01 05	Composite packaging
15 01 06	Mixed packaging
15 01 09	Textile packaging
15 02	**Absorbents, filter materials, wiping cloths and protective clothing**
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	**Wastes not otherwise specified on the list**
16 01	**End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance**
16 01 19	Plastic
16 01 20	Glass
17	**Construction and Demolition Wastes (including excavated soils from contaminated sites)**
17 01	**Concrete, bricks, tiles and ceramics**
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and ceramics

Table S3.1 Permitted waste types for disposal in non hazardous cells (cells 1 – 3)	
EWC code	**Description of waste**
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**Wood, glass and plastic**
17 02 02	Glass
17 02 03	Plastic
17 03	**Bituminous mixtures, coal tar and tarred products**
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01
17 04	**Metals (including their alloys)**
17 04 11	Cables other than those mentioned in 17 04 10
17 05	**Soil (including excavated soil from contaminated sites), stones and dredging spoil)**
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 05 08	Track ballast other than those mentioned in 17 05 07
17 06	**Insulation materials and asbestos containing construction materials**
17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 09	**Other construction and demolition wastes**
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	**Wastes from waste management facilities, off-site waste water treatment plants and the Preparation of Water Intended for Human Consumption and Water for Industrial use**
19 05	**Wastes from aerobic treatment of solid wastes**
19 05 03	Off-specification compost
19 09	**Wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 01	Solid waste from primary filtration and screenings
19 10	**Wastes from the shredding of metal containing wastes**
19 10 04	Fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	Other fractions other than those mentioned in 19 10 05
19 12	**Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
19 12 04	Plastic and rubber
19 12 05	Glass
19 12 08	Textiles
19 12 09	Minerals (for example sand, stones)
19 12 10	Combustible waste (refuse derived fuel)
19 12 12	Other wastes (including mixtures of material) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	**Wastes from soil and groundwater remediation**
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	Sludges from soil remediation other than those mentioned in 19 13 03
19 13 06	Sludges from groundwater remediation other than those mentioned in 19 13 05

Table S3.1 Permitted waste types for disposal in non hazardous cells (cells 1 – 3)	
EWC code	**Description of waste**
20	**Municipal waste (household waste and similar commercial industrial and institutional wastes) including separately collected fractions**
20 01	**Separately collected fractions (except 15 01)**
20 01 02	Glass
20 01 10	Clothes
20 01 11	Textiles
20 01 28	Paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	Detergents other than those mentioned I 20 01 29
20 01 34	Batteries and accumulators other then those mentioned in 20 01 29
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	Wood other than that mentioned in 20 01 37
20 01 39	Plastics
20 01 41	Waste from chimney sweeping
20 02	**Garden and Park Wastes (including cemetery waste)**
20 02 01	Biodegradable waste[2]
20 02 02	Soil and stones
20 02 03	Other non-biodegradeable wastes
20 03	**Other municipal wastes**
20 03 01	Mixed municipal waste[1,2]
20 03 03	Street-cleaning residue[2]
20 03 07	Bulky waste

Schedule 3 – conditions to be added

The following conditions are added as a result of the application made by the operator.

Table S3.3 as referenced by Condition 2.8.1 has been added to the permit for the inert waste cells.

Table S3.3 Permitted waste types and quantities for disposal by inert landfill (cells 4 – 14)		
Waste code	**Description**	**Restrictions**
10	**WASTES FROM THERMAL PROCESSES**	
10 11	**wastes from manufacture of glass and glass products**	
10 11 03	waste glass-based fibrous materials	only without organic binders
15	**WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**	
15 01	packaging (including separately collected municipal packaging waste)	
15 01 07	glass packaging	
17	**CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**	
17 01	**concrete, bricks, tiles and ceramics**	
17 01 01	concrete (2)	selected C & D waste only
17 01 02	Bricks (2)	selected C & D waste only
17 01 03	tiles and ceramics (2)	selected C & D waste only
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 (2)	selected C & D waste only
17 02	**wood, glass and plastic**	
17 02 02	glass	
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil	
17 05 04	soil and stones other than those mentioned in 17 05 03[1]	excluding topsoil, peat; excluding soil and stones from contaminated sites
19	**WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**	
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not *otherwise* specified**	
19 12 05	glass	
20	**MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**	
20 02	**garden and park wastes (including cemetery waste)**	
20 01 02	glass	separately collected glass only
20 02 02	soils and stones (1)	only from garden and parks waste: excluding top soil, peat

Table S3.3 Permitted waste types and quantities for disposal by inert landfill (cells 4 – 14)		
Waste code	**Description**	**Restrictions**
(1)	For the purposes of waste acceptance, soil includes naturally occurring sands and clays	
(2)	Selected construction and demolition waste (C & D waste): with low contents of other types of materials (like metals, plastic, organics, wood, rubber, etc). No C & D waste from constructions, polluted with inorganic or organic dangerous substances, e.g. because of production processes in the construction, soil pollution, storage and usage of pesticides or other dangerous substances, etc., unless it is made clear that the demolished construction was not significantly polluted. No C & D waste from constructions, treated, covered or painted with materials, containing dangerous substances in significant amounts.	
If it is unsure whether the waste fulfils the definition of inert waste, or is uncontaminated, then testing of the waste must be undertaken to confirm compliance with the criteria for inert waste as specified in The Landfill (England and Wales) Regulations 2002 as amended. The origin of all waste must be known.		

Schedule 4 – amended plan

Amended plan attached

