

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

Llantrisant Recycling Centre Limited

Llantrisant Recycling Centre
Llantrisant Recycling
Pantybrad Lane
Llantrisant
Pontyclun
CF72 8YY

Variation application number
EPR/AB3092FR/V007

Permit number
EPR/AB3092FR

Llantrisant Recycling

Permit number EPR/AB3092FR

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.

This variation is to add R4 – Recycling/reclamation of metals and metal compounds to table S1.1, add additional waste codes to those permitted for acceptance and treatment via the Inert and non-hazardous household, commercial and industrial waste transfer station and increase the permitted volume of street sweepings. This increase does not alter the annual throughput for the site and the change is incorporated via the amended environmental management system.

This variation also incorporates a regulator-initiated variation to include an improvement condition to submit a fire prevention and mitigation plan for the composting operations.

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
Permit determined EPR/XB3093HJ	17/11/15	Permit issued to Llantrisant Recycling Centre Limited for inert waste and non-hazardous waste transfer station with treatment.
Variation determined EPR/AB3092FR/V002 (Formerly EPR/XB3093HJ)	26/02/16	Administrative variation to include additional waste codes and Regulator led variation to include additional treatment methods.
Variation determined EPR/AB3092FR/V003	16/05/16	Administrative variation to include an additional waste code (19 12 05).
Variation determined EPR/AB3092FR/V004	29/08/17	Variation to include open windrow composting and the treatment and processing of street sweepings.
Variation determined EPR/AB3092FR/V005	29/08/17	Administrative variation to include an additional waste code (19 12 12).
Variation determined EPR/AB3092FR/V006	20/10/17	Administrative variation to amend wording of waste code 19 12 12.
Application EPR/AB3092FR/V007	Duly made 15/10/18	Application to add additional waste codes to waste permitted for acceptance and treatment at the waste transfer station, add recovery code R4 to Table S1.1 for the waste transfer station and increasing of the amount of street sweepings being treated.
Variation determined EPR/AB3092FR	03/04/19	Varied permit issued.

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number
EPR/AB3092FR

issued to:
Llantrisant Recycling Centre Limited (“the operator”)

whose registered office is
Earthmover’s House
Unit 16
Llantrisant Business Park
Llantrisant
Pontyclun
CF72 8LF

company registration number **09386912**

to operate a regulated facility at
Llantrisant Recycling Centre
Pantybrad Lane
Llantrisant
Pontyclun
CF72 8YY

to the extent set out in the schedules.

The notice shall take effect from 03/04/2019

Name	Date
Huw Davies	03/04/2019

Authorised on behalf of Natural Resources Wales

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

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A1 – Inert and non-hazardous household, commercial and industrial waste transfer station with treatment	R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	All non-hazardous waste must be stored and treated on an impermeable surface with sealed drainage. All inert waste must be stored and treated on hardstanding or on an impermeable surface with sealed drainage.
	R3: Recycling/reclamation of organic substances which are not used as solvents	Treatment operations shall be limited to manual and/or mechanical: <ul style="list-style-type: none">– sorting and/or separation– screening– bulking-up; and– crushing; of permitted waste for the purpose of recovery.
	R4: Recycling/reclamation of metals and metal compound	There shall be no treatment of used disposable nappies (20 01 99) other than bulking up for onward transfer.
	R5: Recycling/reclamation of other inorganic compounds	Waste types as specified in Table S2.1

Table continued overleaf

Table S1.1 activities

A2 – Open windrow composting	<p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>All waste must be stored and treated on an impermeable surface with sealed drainage.</p> <p>Physical treatment, composting and maturation of the types of waste listed in table S2.2.</p> <p>Physical treatment consisting only of:</p> <ul style="list-style-type: none"> – composting – maturation – manual separation – sorting – shredding – screening – bagging <p>of the types of waste for the purpose of recovery.</p> <p>The storage, physical treatment and composting of wastes under anaerobic conditions shall be prevented.</p> <p>Each composting batch shall undergo an identifiable sanitisation and stabilisation stage.</p> <p>The total quantities of wastes undergoing biological treatment at the whole site shall not exceed 75 tonnes per day.</p>
A3 – Street sweeping processing	<p>D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 (e.g. evaporation, drying, calcination, etc.)</p> <p>D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)</p>	<p>All waste must be stored and treated on an impermeable surface with sealed drainage.</p> <p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> - de-watering of street cleaning residues via gravity - screening of dewatered residues only - separating of dewatered residues only <p>Wastes from EWC code 20 03 03 may only be included in the composting process that produces Compost Like Output (CLO) and must not be included in any other composted material.</p> <p>Compost Like Output (CLO) must be subject to aerobic composting.</p> <p>Waste types as specified in Table S2.3</p>

Table continued overleaf

Table S1.1 activities

<p>Discharge of site drainage from hardstanding areas of the site, to:</p> <ul style="list-style-type: none"> - ground/surface water via soakaway, and - Nant Muchydd River via French drain and settlement pond at the location shown in the plan in S1.2 (document reference 697-61D). 	<p>Drainage consisting solely of clean, rainfall dependant drainage from hardstanding areas of the site used in connection with the storage and/or treatment of permitted waste only</p> <p>Discharge of site drainage shall be controlled through condition 3.5 and the provision of appropriate measures as set out in relevant management plans.</p> <p>No visible oil, grease or suspended solids shall be present in the discharge.</p>
<p>Discharge of site drainage from areas of impermeable surface with sealed drainage to storage lagoon prior to being tankered off site for disposal</p>	<p>Drainage consisting solely of clean, rainfall dependant drainage from impermeable surface with sealed drainage areas of the site used in connection with the storage and/or treatment of permitted waste only.</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
Technical guidance note 'How to comply with your environmental permit'.	All	N/A
Sector Guidance Note IPPC S5.06: Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste	All sections relating to the storage and treatment of non-hazardous waste.	N/A
Additional information	Incident response plan (document reference 697_15, dated 28 June 2015)	27/07/15
	Environmental Permitting Site Area of Inert Recycling Facility (document reference 697-61D)	15/09/15
	Revised environment management system (dated 01 November 2015, document reference 697_12_D), sections: <ul style="list-style-type: none"> - 2.3 Site engineering - 2.4. Waste acceptance, quantities and storage - 4 Fire prevention plan - 4.1 Introduction - 4.2 Fire risk assessment - 4.3 Preventing fires - 4.4 Self combustion - 4.5 Turning of stacks - 4.6 Detecting and suppressing fires - 5.1 Breakdowns and spillages - 5.2 Drums and other containers - 11 Emissions and monitoring - 11.1 General measures - 11.2 Odour - 11.3 Noise and vibration - 11.7 Control and monitoring of dust 	04/11/15
The Composting Industry Code of Practice (AfOR)	All	N/A

Industry guide for prevention and control of odours at biowaste processing facilities (AfOR)	All	N/A
Quality Protocol for Composting (WRAP & Environment Agency)	All	N/A
Site specific Bioaerosol Risk Assessment February 2017 incorporated under AB3092FR/V004	All	23/05/17
Background bioaerosol data to support site specific bioaerosol risk assessment February 2017 incorporated under AB3092FR/V004	All	23/05/17
M9- Environmental monitoring of bioaerosols at regulated facilities January 2017 – Version 1	All	N/A
Odour management plan (OMP) incorporated under AB3092FR/V004	<ul style="list-style-type: none"> - Waste inputs - Odour emissions monitoring - Managing and mitigation of odour - Stock monitoring - Additional measures - Corrective actions from confirmed odour identification - Odour prevention and dispersal 	23/05/17
Fire prevention and mitigation plan (FPMP) – incorporated under AB3092FR/V004	All	28/06/17
Fire prevention and mitigation plan guidance	All	N/A
EMS – new activities incorporated under AB3092FR/V004	<ul style="list-style-type: none"> - IED requirements - Site Infrastructure - Operational Procedures - Addition of new EWC codes 	23/05/17
Odour Management plan: LRC_OMP_Sept_18	<ul style="list-style-type: none"> - Waste inputs - Odour emission monitoring - Management and mitigation of odour - Stock monitoring - Additional measures - Corrective actions from confirmed odour identification - Odour prevention and dispersal 	15/10/18
Environment Management System: LRC_EMS_new activities_Sept_18	<ul style="list-style-type: none"> - Site infrastructure - Operational Procedures - Accident management 	15/10/18
Fire prevention and mitigation plan LRC_FPMP_Sept_18v2	All	09/01/19
Fire prevention and mitigation plan supplementary information in response to the schedule 5 notice	All	04/03/19
Fire prevention and mitigation plan for Open Windrow composting.	All relevant sections	In line with IPC 1

Table S2.1 Permitted waste types and quantities for inert and non-hazardous waste household, commercial and industrial transfer station with treatment

Maximum quantity	The maximum quantity of waste to be accepted on site shall not exceed 350,000 tonnes per year.
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Wastes consisting of or contaminated with Japanese Knotweed or other invasive species • Wastes consisting of or contaminated with materials or substances which may pollute surface and/or groundwater and land
Waste code	Description
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 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
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
17 01 02	bricks
17 01 03	tiles and ceramics
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 01	wood
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 07	mixed metals
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 08	track ballast other than those mentioned in 17 05 07
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
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

Table S2.1 Permitted waste types and quantities for inert and non-hazardous waste household, commercial and industrial transfer station with treatment

Maximum quantity	The maximum quantity of waste to be accepted on site shall not exceed 350,000 tonnes per year.
Exclusions	Notwithstanding the waste types set out in this table, wastes having any of the following characteristics shall not be accepted: <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibres • Wastes that are in a form which is either sludge or liquid • Wastes consisting of or contaminated with Japanese Knotweed or other invasive species • Wastes consisting of or contaminated with materials or substances which may pollute surface and/or groundwater and land
Waste code	Description
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (consisting of contaminated glass waste only)
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 99	other fractions not otherwise specified (consisting of used disposable nappies only)
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 07	bulky waste

Schedule 3 – conditions to be added

The following conditions are added following a Natural Resources Wales initiated variation

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IPC1	<p>The operator shall submit a written Fire prevention and mitigation plan for the Open Windrow composting to Natural Resources Wales.</p> <p>The Fire prevention and mitigation plan must be produced in line with the standards set out in Fire prevention and mitigation plan guidance – Waste.</p>	3 months after permit issue or otherwise agreed in writing with Natural Resources Wales