

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

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Lodge Farm Biogas Limited

Lodge Farm Digester

Lodge Farm

Commonwood

Holt

Wrexham

LL13 9TE

Variation application number

EPR/DB3736AT/V003

Permit number

EPR/DB3736AT

# **Lodge Farm Digester**

## **Permit number EPR/DB3736AT**

### **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 increase the annual throughput of the site to 5500 tonnes.

It also incorporates a regulator led variation to include an improvement condition requiring the operator to submit a Fire prevention and mitigation plan, include the relevant fire conditions within the permit and update table S1.2 Operating techniques to include the fire prevention and mitigation plan guidance and the fire prevention and mitigation plan itself.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Permit determined EPR/DB3736AT	11/09/12	Standard rule permit SR2010 No16 issued to Lodge Farm Biogas Ltd
Variation determined EPR/DB3736AT/V002	15/07/13	Varied Tier 3 bespoke permit issued to account for site location and inability to meet standard rule criteria.
Application EPR/DB3736AT/V003	Duly made 18/09/17	Application to increase the annual throughput of the site.
Variation determined EPR/DB3736AT	10/11/17	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/DB3736AT**

**issued to:**  
**Lodge Farm Biogas Limited** (“the operator”)

whose registered office is

**Lodge Farm**  
**Commonwood**  
**Holt**  
**Wrexham**  
**Clwyd**  
**Wales**  
**LL13 9TE**

company registration number 07547361

to operate a regulated facility at

**Lodge Farm Digester**  
**Lodge Farm**  
**Commonwood**  
**Holt**  
**Wrexham**  
**LL13 9TE**

to the extent set out in the schedules.

The notice shall take effect from 08/11/17

Name	Date
<b>Holly Noble</b>	<b>10/11/17</b>

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 S2.1 Permitted waste types and quantities	
<b>Maximum quantity</b>	The maximum permitted waste accepted must not exceed 5,500 tonnes a year
<b>Exclusions</b>	<ul style="list-style-type: none"><li>hazardous wastes</li></ul>
<b>Waste code</b>	<b>Description</b>
<b>02</b>	<b>Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 01	sludges from washing and cleaning
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07	wastes from forestry
02 01 99	residues from commercial mushroom cultivation
<b>02 02</b>	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 02 99	sludges from gelatine production – animal gut contents
<b>02 03</b>	<b>wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation</b>
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	wastes from preserving agents
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 03 99	sludge from production of edible fats and oils – seasoning residues, molasses residues – residues from production of potato, corn or rice starch
<b>02 04</b>	<b>wastes from sugar processing</b>
02 04 03	sludges from on-site effluent treatment
02 04 99	other biodegradable wastes
<b>02 05</b>	<b>wastes from the dairy products industry</b>
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
<b>02 06</b>	<b>wastes from the baking and confectionery industry</b>
02 06 01	materials unsuitable for consumption or processing
02 06 03	sludges from on-site effluent treatment
<b>02 07</b>	<b>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>

**Table S2.1 Permitted waste types and quantities**

<b>Maximum quantity</b>	The maximum permitted waste accepted must not exceed 5,500 tonnes a year
<b>Exclusions</b>	<ul style="list-style-type: none"> <li>hazardous wastes</li> </ul>
<b>Waste code</b>	<b>Description</b>
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
02 07 99	spent grains, hops and whisky filter sheets/cloths, yeast and yeast like residues, sludge from distilleries
<b>03</b>	<b>Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard</b>
<b>03 03</b>	<b>wastes from pulp, paper and cardboard production and processing</b>
03 03 02	green liquor sludge (from recovery of cooking oil)
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects and sludges i.e. paper pulp (de-inked only), paper fibre
<b>04</b>	<b>Wastes from the Leather, Fur and Textile Industries</b>
<b>04 01</b>	<b>wastes from the leather and fur industry</b>
04 01 01	fleshings and lime split wastes
04 01 05	tanning liquor free of chromium
04 01 07	Sludges not containing chromium
<b>04 02</b>	<b>waste from the textile industry</b>
04 02 10	organic matter from natural products (for example grease, wax)
<b>07</b>	<b>Wastes from Organic Chemical Processes</b>
<b>07 01</b>	<b>wastes from the manufacture, formation, supply and use of basic organic chemicals</b>
07 01 08	glycerol
<b>07 02</b>	<b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>
07 02 13	waste plastic
<b>15</b>	<b>Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 01	paper and cardboard packaging – not allowed if any non-biodegradable coating or preserving substance present. Excludes laminates such as Tetrapaks.
15 01 02	biodegradable plastic packaging – must be independently certified to BS EN 13432
15 01 03	untreated wooden packaging – not allowed if any non-biodegradable coating or preserving substance present.
15 01 05	composite packaging – must conform to BS EN 13432 and not allowed if any non-biodegradable coating or preserving substance present.
<b>19</b>	<b>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</b>
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 06	sludge types from waste listed in this table, Table S2.1, that have been heat treated only
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09 - glycerol not designated as hazardous i.e. excludes EWC code 19 02 08
<b>19 05</b>	<b>wastes from aerobic treatment of solid wastes</b>
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste

**Table S2.1 Permitted waste types and quantities**

<b>Maximum quantity</b>	The maximum permitted waste accepted must not exceed 5,500 tonnes a year
<b>Exclusions</b>	<ul style="list-style-type: none"> <li>hazardous wastes</li> </ul>
<b>Waste code</b>	<b>Description</b>
19 05 03	off-specification compost
19 05 99	composting liquors
<b>19 06</b>	<b>wastes from anaerobic treatment of waste</b>
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
<b>19 08</b>	<b>wastes from waste water treatment plants not otherwise specified</b>
19 08 09	grease and oil mixture from oil/water separation containing only edible oils and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 12	waste types listed in this table (Table S2.2), that have been subjected to mechanical treatment only
<b>20</b>	<b>Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) including separately collected fractions</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 01	paper and cardboard
20 01 08	biodegradable kitchen and canteen waste
20 01 25	edible oil and fat
<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>
20 02 01	biodegradable waste
<b>20 03</b>	<b>other municipal wastes</b>
20 03 01	mixed municipal waste – separately collected biowastes
20 03 02	waste from markets – allowed only if source segregated biodegradable fractions e.g. plant material, fruit and vegetables.

The following conditions are amended as detailed, 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 S1.2 Operating techniques**

<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
How to comply with your environmental permit	All	N/A
EMS Part II EP14 Odour Management Plan	All	25/10/17
SOP No: 005 Operating Procedure	All	25/10/17
How to comply with your environmental permit for intensive farming:	Appendix 9 (producing a proposal for covering slurry stores)	N/A
S5.06 Guidance for recovery and disposal of hazardous and non-hazardous waste	All	N/A
Fire prevention and mitigation plan guidance - Waste	All relevant sections	N/A
Fire prevention and mitigation plan	All relevant sections	In line with IPC 5

**Table S1.3 Improvement programme requirements**

<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IPC 1	Provide an updated Environmental Management System (EMS) for submission to Natural Resources Wales.	2 months from the date of permit issue (EPR/DB3736AT/V002 issued 15/07/13) or as otherwise agreed in writing with Natural Resources Wales.
IPC 2	Provide lagoon cover, constructed to the standards set out in Appendix 9 (producing a proposal for covering slurry stores) of How to comply with your environmental permit for intensive farming.	6 months from the date of permit issue (EPR/DB3736AT/V002 issued 15/07/13) or as otherwise agreed in writing with Natural Resources Wales.
IPC 3	Kerbing to be installed around reception building and all effluent contained within a sealed drainage system	6 months from the date of permit issue (EPR/DB3736AT/V002 issued 15/07/13) or as otherwise agreed in writing with Natural Resources Wales.
IPC 4	Complete bunding and surface work around all storage and process tanks to comply with Table S1.2 of permit	6 months from the date of permit issue (EPR/DB3736AT/V002 issued 15/07/13) or as otherwise agreed in writing with Natural Resources Wales.
IPC5	The operator shall submit a written Fire prevention and mitigation plan to Natural Resources Wales for approval.  The Fire prevention and mitigation plan must be produced in line with the standards set out in Fire prevention and mitigation plan guidance – Waste.	3 months after permit issue or otherwise agreed in writing with Natural Resources Wales

### **Schedule 3 – conditions to be added**

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

#### **3.7 Fire**

- 3.7.1 The operator shall manage and operate the activities in accordance with a written fire prevention plan using the current, relevant fire prevention plan guidance.
- 3.7.2 The operator shall:
  - (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention plan which identifies and minimises the risks of fire;
  - (b) Operate the activity in accordance with the fire prevention plan, from the date of submission, unless otherwise agreed in writing by Natural Resources Wales.