

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Agriorganics Ltd

Unit 25 - The Hangar
Causewayhead
Silloth
Wigton
Cumbria
CA7 4PE

Variation application number
EPR/HP3299VV/V004

Permit number
EPR/HP3299VV

Unit 25 - The Hangar

Permit number EPR/HP3299VV

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 add one waste code to the existing composting activity (A2 activity) and to add a biological treatment activity (A4 activity) to the permit for the treatment of organic fines from Mechanical Biological Treatment (MBT), using in-vessel composting, with a total annual quantity of waste of less than 20,000 tonnes. The operator has also applied to reduce the total annual quantity of waste accepted at the site for the composting activity (A2 activity) from less than 10,000 tonnes to less than 5,000 tonnes.

Included in this variation is an Environment Agency initiated variation to amend schedule 2, table S2.3 to remove the exclusions that prevent the acceptance of the waste types listed within this table and to add conditions 3.4.1 and 3.4.2 to require the process monitoring that is already included within the permit in schedule 3, table S3.1. We have also added a 75 tonnes in any one day limit for the aggregate quantity of waste treated at the site for the A2 and A4 activities to keep this a waste operation.

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/HP3299VV/A001	Duly made 01/07/10	Application for standard rules SR2008No3_75kte.
Permit determined EPR/HP3299VV	12/07/10	Permit issued to Agriorganics Ltd.
Variation application EPR/HP3299VV/V002	Duly made 14/10/11	Application to vary to extend the site boundary.
Variation determined EPR/HP3299VV	29/11/11	Varied permit issued.
Variation application EPR/HP3299VV/V003	Duly made 03/04/12	Application to add three waste types and to allow waste transfer activities, mixing and blending activities and composting activities. Variation resulted in the issue of bespoke conditions and the deletion of standard rules SR2008No3_75kte from the permit.
Variation determined EPR/HP3299VV	31/08/12	Varied permit issued.
Variation application EPR/HP3299VV/V004	Duly made 02/11/12	Application to add waste types to the permit, add a biological treatment activity and to reduce the total annual quantity of waste accepted at the site for composting. An Environment Agency variation is included to add monitoring conditions, to remove the exclusions within schedule 2, table S2.3 and to add a 75 tonnes in any one day limit for the aggregate quantity of waste treated at the site for the A2 and A4 activities.
Additional information received in response to Schedule 5 notice dated 16/11/12	03/01/13	Application contact submitted the following documents in response to the Schedule 5 notice: <ul style="list-style-type: none">• Schedule 5 notice response email dated 03/01/13• Applicant confirmed that waste codes 10 01 01 and 10 01 03 no longer required• Analytical data for fines from FCC Environment at Melton (report dated Dec 12) and analytical data from The Maltings composted material (report dated 26/06/12)• Agri-organics IVC Composting Facility Baseline Bioaerosols Sampling September 2012 Report• Hazard Analysis Critical Control Point (HACCP) Plan dated 20/09/12• Application and Inspection form for approval to treat animal by-

products and/or catering waste in composting or biogas plants (Rev 06/12)

Additional information received in response to Schedule 5 notice dated 16/11/12	08/01/13	Application contact submitted the following documents in response to the Schedule 5 notice: <ul style="list-style-type: none">• Schedule 5 notice response email dated 08/01/13• Analytical data from Shanks Waste Management (report dated 21/08/12)
Additional information received in response to Schedule 5 notice dated 01/02/13	14/02/13	Application contact submitted the following documents in response to the Schedule 5 notice: <ul style="list-style-type: none">• Environmental Management System, Hangar 25 - Version 6 dated 14 February 2013• Applicant confirmed that waste code 10 13 04 no longer required
Additional information received in response to Schedule 5 notice dated 01/02/13	20/02/13	Application contact submitted the following revised document in response to the Schedule 5 notice: <ul style="list-style-type: none">• Environmental Management System, Hangar 25 - Version 7 dated 20 February 2013
Variation determined EPR/HP3299VV	08/03/13	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/HP3299VV

issued to:
Agriorganics Ltd (“the operator”)

whose registered office is

Arkleby Hall
Arkleby
Wigton
Cumbria
CA7 2BQ

company registration number **05810695**

to operate a regulated facility at

Unit 25 - The Hangar
Causewayhead
Silloth
Wigton
Cumbria
CA7 4PE

to the extent set out in the schedules.

The notice shall take effect from 08/03/2013

Name	Date
Richard Collett	08/03/2013

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

Condition 2.3.2

2.3.2 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3 and S2.4
- (b) it conforms to the description in the documentation supplied by the producer and holder.

Schedule 1, table S1.1

Schedule 2, table S2.2

(see amended tables below)

The following conditions are amended as detailed, following an Environment Agency initiated variation

Schedule 2, table S2.3

(see amended table below)

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A1 – Household, commercial and industrial waste transfer station with treatment	<p>D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it was produced)</p> <p>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)</p> <p>D14: Repackaging prior to submission to any of the operations numbered D1 to D13</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting only of manual sorting, separation, screening, baling, shredding, crushing or compaction of waste into different components for disposal (no more than 50 tonnes per day) or recovery.</p> <p>No more than a total of 50 tonnes of intact and shredded waste vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.</p> <p>Waste types as specified in table S2.1</p>

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A2 - Composting in closed systems (in-vessel composting)	<p>R13: Storage of wastes pending any of the operations numbered R1 to R12</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>Physical treatment, composting and maturation of the types of waste listed in table S2.2 to produce compost.</p> <p>Secure storage of wastes listed in table S2.2</p> <p>The aggregate quantity of waste treated at the site for the A2 and A4 activities shall be no more than 75 tonnes in any one day.</p> <p>The treatment capacity of any plant shall not exceed 10 tonnes per day of animal waste.</p> <p>The total waste stored and treated shall not consist of more than:</p> <ul style="list-style-type: none"> (i) one sixth paper or cardboard; (ii) one third manure; (iii) one sixth in total of all wastes listed in table S2.2 <p>The storage, physical treatment, composting and maturation of wastes shall take place only in a contained system on an impermeable surface with sealed drainage system.</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. The sanitisation of wastes shall take place in a closed system incorporating a bio-filter and/or equivalent abatement system.</p> <p>The bio-filter and/or equivalent abatement system shall be specifically designed to minimise the release of odour, bio-aerosols and micro-organisms and maintained for the process undertaken and be fit for purpose.</p>

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A3 – Blending and mixing	<p>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)</p> <p>R5: Recycling/ reclamation of other inorganic compounds</p>	<p>Treatment of wastes listed in table S2.3 consisting only of mixing for the purpose of blending and recovery as a soil fertiliser.</p> <p>Waste for blending must be able to be used without risk to the end receiving soil.</p> <p>The total quantities of wastes in storage or undergoing mixing and blending treatment shall not exceed 8000 tonnes at any one time.</p> <p>No more than 10 tonnes per day of hazardous waste to be treated at the site for recovery under an [R5] activity.</p> <p>Waste types as specified in table S2.3</p>

Table S1.1 activities		
Activity reference	Description of activities for waste operations	Limits of activities
A4 – Biological treatment in closed systems (in-vessel composting) of organic fines from Mechanical Biological Treatment (MBT)	<p>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)</p> <p>R3: Recycling/reclamation of organic substances which are not used as solvents</p>	<p>Treatment of wastes listed in table S2.4 consisting only of biological treatment in closed systems (in-vessel composting) of organic fines from Mechanical Biological Treatment (MBT) and the waste types as specified in table S2.4</p> <p>The aggregate quantity of waste treated at the site for the A2 and A4 activities shall be no more than 75 tonnes in any one day.</p> <p>The treatment capacity of any plant shall not exceed 10 tonnes per day of animal waste.</p>

Table S2.2 Permitted waste types and quantities for activity A2 composting in closed systems (in-vessel composting)

Maximum quantity	
The total quantity of waste accepted at the site for activity A2 shall be less than 5,000 tonnes per year	
Exclusions	
Wastes having any of the following characteristics shall not be accepted ;	
<ul style="list-style-type: none"> • Wastes consisting solely or mainly of dusts (except sawdust), powders or loose fibres • Hazardous wastes • Wastes containing treated wood • Wastes containing wood-preserving agents or other biocides • Wastes containing persistent organic pollutants • Wastes containing Japanese Knotweed 	
Waste Code	Description
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 03	plant-tissue waste
02 01 06	horse manure and farmyard manure only
02 01 07	biodegradable wastes from forestry only
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	animal tissue waste (excluding animal blood) only
02 02 03	materials unsuitable for consumption or processing (biodegradable only)
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeasts and yeasts extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing (biodegradable only)
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing (biodegradable only)
02 06	wastes from the baking and confectionary industry
02 06 01	materials unsuitable for consumption or processing (biodegradable only)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soils (excluding excavated soils from contaminated sites), stones and dredging spoil
17 05 06	plant tissue waste from inland waters only
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 08	waste from waste water treatment plants
19 08 05	sludges from treatment of urban waste water
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions
20 01 01	paper and cardboard (excluding veneers or plastic coatings)

Table S2.2 Permitted waste types and quantities for activity A2 composting in closed systems (in-vessel composting)

Maximum quantity	
The total quantity of waste accepted at the site for activity A2 shall be less than 5,000 tonnes per year	
Exclusions	
Wastes having any of the following characteristics shall not be accepted ;	
<ul style="list-style-type: none"> • Wastes consisting solely or mainly of dusts (except sawdust), powders or loose fibres • Hazardous wastes • Wastes containing treated wood • Wastes containing wood-preserving agents or other biocides • Wastes containing persistent organic pollutants • Wastes containing Japanese Knotweed 	
Waste Code	Description
20 01 08	biodegradable kitchen and canteen waste
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste plant matter only
20 03	other municipal wastes
20 03 02	biodegradable waste from markets only

Table S2.3 Permitted waste types and quantities for activity A3 blending and mixing process

Maximum quantity	
The total quantity of waste accepted at the site for activity A3 shall be less than 16,000 tonnes per year	
Waste code	Description
10	WASTES FROM THERMAL PROCESSES
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 12*	solid wastes from gas treatment containing dangerous substances (wastes from cement kiln production process only)
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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	premixed wastes composed of at least one hazardous waste (meat and bone meal ash only)

Schedule 3 – conditions to be added

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

Schedule 2, table S2.4

(see amended table below)

The following conditions are added following an Environment Agency initiated variation

3.4 Monitoring

3.4.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) process monitoring specified in table S3.1;

3.4.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

Table S2.4 Permitted waste types and quantities for activity A4 biological treatment in closed systems (in-vessel composting) of organic fines from Mechanical Biological Treatment (MBT)

Maximum quantity	
The total quantity of waste accepted at the site for activity A4 shall be less than 20,000 tonnes per year	
Exclusions	
Wastes having any of the following characteristics shall not be accepted ;	
<ul style="list-style-type: none"> • Hazardous wastes • Wastes containing treated wood • Wastes containing wood-preserving agents or other biocides • Wastes containing persistent organic pollutants • Wastes containing Japanese Knotweed 	
Waste Code	Description
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 03	plant-tissue waste
02 01 06	horse manure and farmyard manure only
02 01 07	biodegradable wastes from forestry only
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	animal tissue waste (excluding animal blood) only
02 02 03	materials unsuitable for consumption or processing (biodegradable only)
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeasts and yeasts extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing (biodegradable only)
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing (biodegradable only)
02 06	wastes from the baking and confectionary industry
02 06 01	materials unsuitable for consumption or processing (biodegradable only)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 05	soils (excluding excavated soils from contaminated sites), stones and dredging spoil
17 05 06	plant tissue waste from inland waters only
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 08	waste from waste water treatment plants
19 08 05	sludges from treatment of urban waste water
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (consisting only of organic fines from mechanical biological treatment)

Table S2.4 Permitted waste types and quantities for activity A4 biological treatment in closed systems (in-vessel composting) of organic fines from Mechanical Biological Treatment (MBT)

Maximum quantity	
The total quantity of waste accepted at the site for activity A4 shall be less than 20,000 tonnes per year	
Exclusions	
Wastes having any of the following characteristics shall not be accepted ;	
<ul style="list-style-type: none"> • Hazardous wastes • Wastes containing treated wood • Wastes containing wood-preserving agents or other biocides • Wastes containing persistent organic pollutants • Wastes containing Japanese Knotweed 	
Waste Code	Description
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions
20 01 01	paper and cardboard (excluding veneers or plastic coatings)
20 01 08	biodegradable kitchen and canteen waste
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste plant matter only
20 03	other municipal wastes
20 03 02	biodegradable waste from markets only