

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Old Sawmills Waste Transfer Station
with Treatment

All Waste Services Ltd
The Old Sawmills
Llangadog
Carmarthenshire
SA19 9LS

Variation application number
EPR/VP3798FJ/V005

Permit number
EPR/VP3798FJ

The Old Sawmills Waste Transfer Station with Treatment

Permit number EPR/VP3798FJ

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 administrative variation includes the agreed emission limits for the anaerobic digester and further administrative changes to the company's registered address.

The emissions have been agreed with the operator on a site specific basis and in accordance with our guidance notes LFTGN 08 – Landfill Technical Guidance Note 08 and TGN M2 – monitoring of stack emissions to air.

The site plan has been amended to include a more detailed plan showing the agreed monitoring points A and B.

Pre-operational measures for the anaerobic digestion plant have been removed as they have been completed. Details of the ABPR approval have been submitted to the Environment Agency.

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
Licence EAWML 34220 issued	11/02/04	
EAWML 34220 Modified	09/05/06	
Variation EPR/VP3798FJ/V003 issued (Previously EAWML 34220)	01/12/09	
Variation determined EPR/VP3798FJ/V004	31/12/10	
Administrative Variation Determined EPR/VP3798FJ/V005	22/09/11	Inclusion of emission limits in Table 4.1 for the anaerobic digestion process. An update to Table S1.3 Pre-operational measures for future development, reference 2. The site plan has been amended to include the agreed monitoring points and the Air Form 1 has been included.

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/VP3798FJ

issued to:
All Waste Services Ltd ("the operator")

whose registered office is

Langdon House, Langdon Road
SA1 Swansea Waterfront
Swansea
West Glamorgan
SA1 8QY

company registration number 04359925

to operate a regulated facility

The Sawmills
Llangadog
Carmarthenshire
SA19 9LS

to the extent set out in the schedules.

The notice shall take effect from 22/09/11

Name

Date

Stephen Attwood

22/09/11

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

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

Table S1.3 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
1	Composting	<p>The operator shall:</p> <ul style="list-style-type: none">• ensure that a sealed drainage system in is place;• submit proposed emission limit values;• Details of the type and frequency of the monitoring to be undertaken.• Revised animal waste procedures are to be agreed in advance of operation with the Animal Health Authorities to ensure that any waste controlled by the Animal-By-Products Regulations 2005 (SI No. 2347) must be treated and handled in accordance with any requirements imposed by those regulations. <p>This shall be agreed in writing by the Environment Agency.</p>
2	Anaerobic digestion plant	<p>The operator shall:</p> <ul style="list-style-type: none">• ensure that a sealed drainage system in is place;• submit proposed emission limit values;• Details of the type and frequency of the monitoring to be undertaken.• Revised animal waste procedures are to be agreed in advance of operation with the Animal Health Authorities to ensure that any waste controlled by the Animal-By-Products Regulations 2005 (SI No. 2347) must be treated and handled in accordance with any requirements imposed by those regulations. <p>This shall be agreed in writing by the Environment Agency.</p>

Schedule 2 – conditions to be amended

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

Table S4.1 Point Source emissions to water (other than sewer) , land and air– emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Composting						
Internal monitoring for each windrow and for any sample of waste or compost.	Temperature To be agreed in accordance with Pre-Operational Condition 1 in Table S1.3	Windrow	To be agreed	To be agreed	To be agreed	To be agreed
Internal monitoring for each windrow and for any sample of waste or compost.	Moisture To be agreed in accordance with Pre-Operational Condition 1 in Table S1.3	Windrow	To be agreed	To be agreed	To be agreed	To be agreed

Table S4.1 Point source emissions to air – emission limits and monitoring requirements
Anaerobic Digestion

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Monitoring Point A	Oxides of Nitrogen	CHP exhaust stack	500 mg/Nm ³	Hourly mean	Annual monitoring	BS EN 14792 : 2005
	Carbon Monoxide		1400 mg/Nm ³	Hourly mean	Annual monitoring	ISO 12039: 2001
	Sulphur Dioxide		350 mg/Nm ³	Hourly mean	Annual monitoring	BS EN 14791 : 2005
	Total VOCs including methane		1000 mg/Nm ³	Hourly mean	Annual monitoring	BS EN 12619: 1999; BS EN 13526: 2002 - or as agreed in writing with the Environment Agency ¹
Monitoring Point B	Oxides of Nitrogen	Pressure relief valve	No Limit set	None specified		
	Carbon Monoxide					
	Total VOCs including methane					

Emission limits for the gas engines are based on normal (N) operating conditions and load (temperature: 0°C (273K); pressure: 101.3kPa and oxygen: 5% (dry gas)).

Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme (including the measurement of exhaust gas temperature) shall have either MCERTS certification or MCERTS accreditation (as appropriate), unless otherwise agreed in writing by the Environment Agency.

¹The Monitoring standard or method shall be carried out as detailed in TGN M2 : Monitoring of stack emissions to air or as agreed in writing with the Environment Agency.

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	Stacks on engines	Every 12 months	22/09/11

Media/parameter**Reporting format****Date of form**

Air

Form air 1 or other form as agreed in writing by the Agency

22/09/11

Schedule 3 – conditions to be added

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

Table S1.3 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1	Composting	<p>The operator shall:</p> <ul style="list-style-type: none"> • ensure that a sealed drainage system in is place; • submit proposed emission limit values; • Details of the type and frequency of the monitoring to be undertaken. • Revised animal waste procedures are to be agreed in advance of operation with the Animal Health Authorities to ensure that any waste controlled by the Animal-By-Products Regulations 2005 (SI No. 2347) must be treated and handled in accordance with any requirements imposed by those regulations. <p>This shall be agreed in writing by the Environment Agency.</p>

Point source emissions monitoring

Site reference: AD plant, monitoring points A and B

Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
Biogas engine exhaust. Monitoring point A	Oxides of Nitrogen	500mg/Nm ³	Hourly Mean				
	Carbon monoxide	1400mg/ Nm ³	Hourly Mean				
	Sulphur dioxide	350mg/Nm ³	Hourly Mean				
	Total volatile organic compounds including methane	1000mg/Nm ³	Hourly Mean				
	Non methane volatile organic compounds	75mg/Nm ³	Hourly Mean				
	Exhaust temperature at engine exit	Min of 200 °C					
Biogas boiler exhaust. Monitoring point B	Oxides of Nitrogen	No limit set	None specified				

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

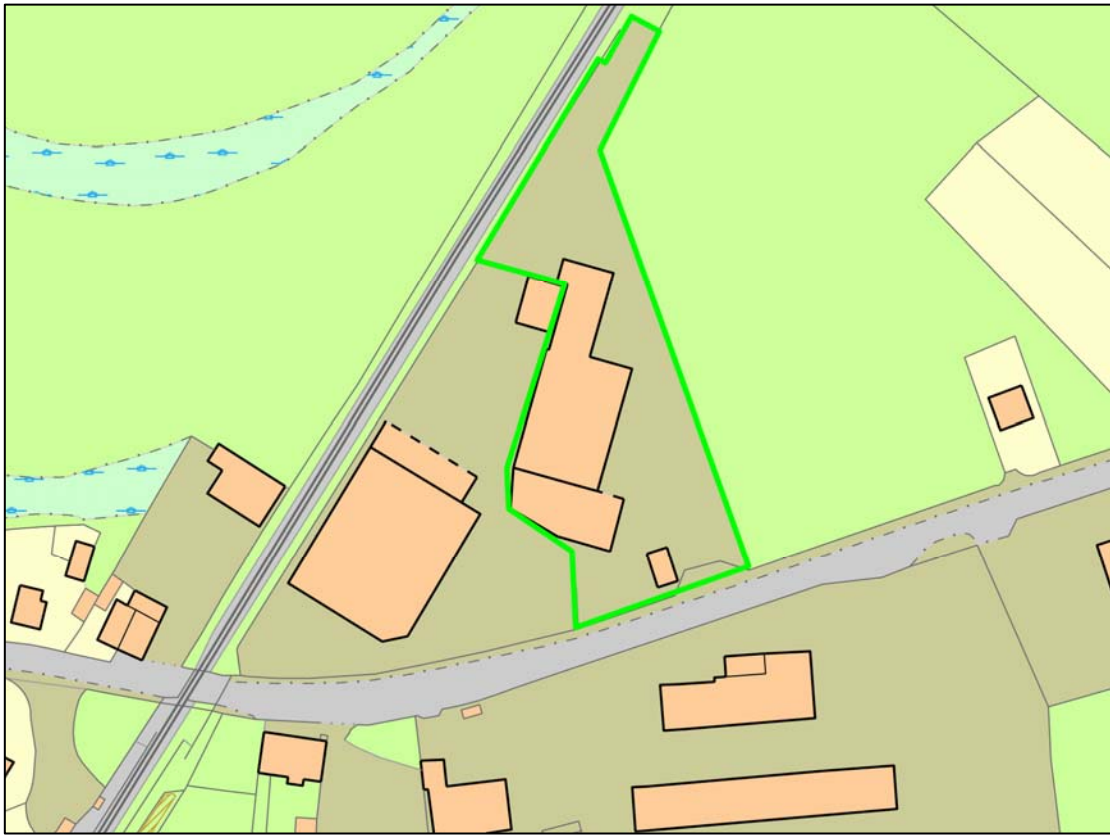
[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

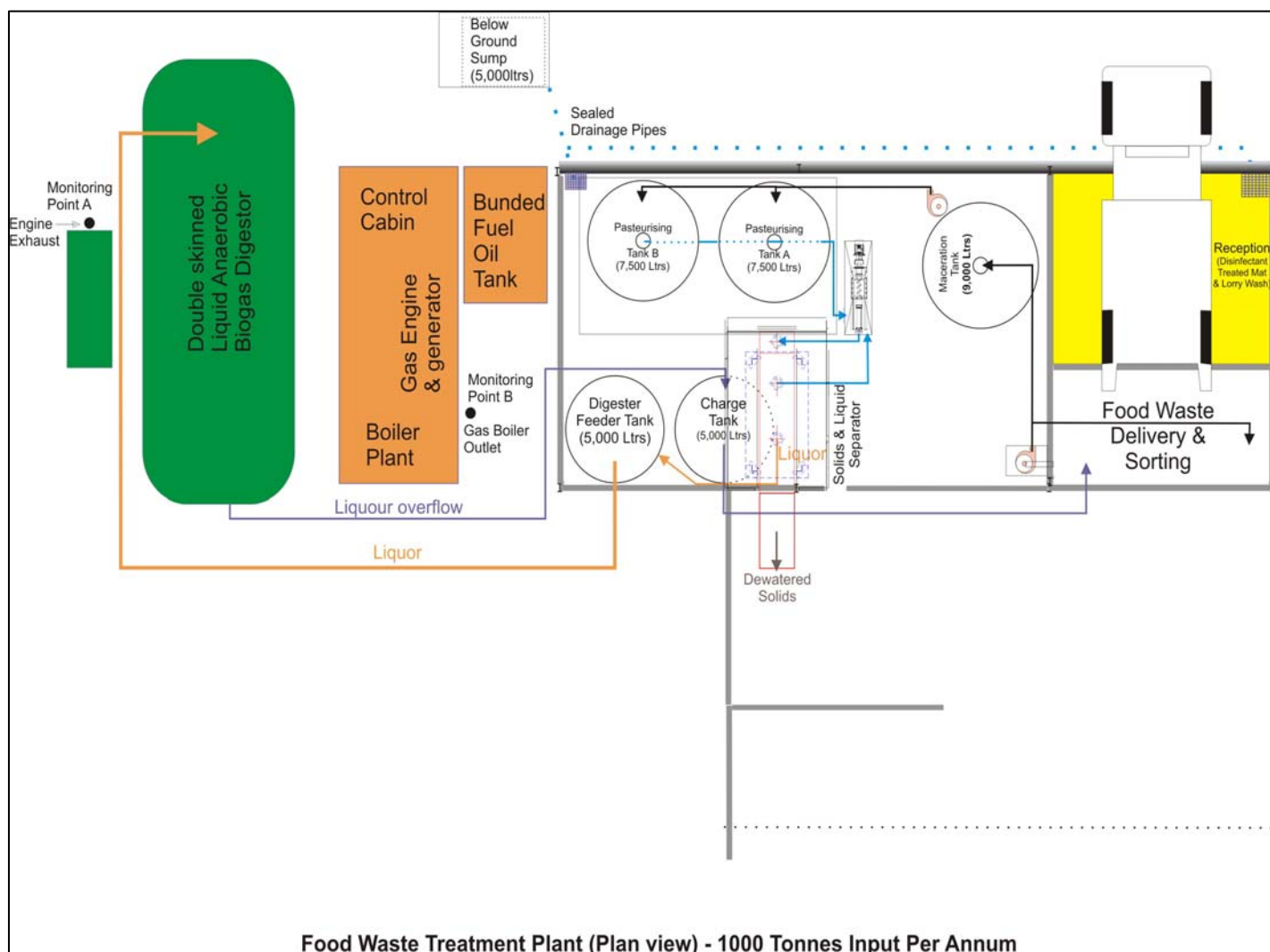
Signed

Date.....

Schedule 4 – amended plan

Amended plan attached





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END OF PERMIT