

Permit Number: EPR/AB3191FR

Operator: Agrivet Ltd

Facility: Stormy Down AD Facility

Form Number: Performance1 / 01/01/2017

Reporting of other performance indicators for the period 01/01/2017 to 31/12/2017

Parameter	Units
Power Output – Electrical	MWh
Energy Efficiency	MWh/m³ biogas
Electrical energy exported to the grid	MWh
Electrical energy drawn from the grid	MWh
Operational time of the flare	% of operational time
Amount of biogas combusted in the CHP unit per day	m³ day
Annual amount of biogas produced by the AD facility	m³
Total amount of waste treated	Tonnes

Operator's comments :

Signed
(Authorised to sign as representative of Operator)

Date: 22/01/2018

Permit Number: EPR/AB3191FR

Operator: Agrivert Ltd

Facility: Stormy Down AD Facility

Form Number: Energy1 / 01/01/2017

Reporting of Energy Usage for the year 2016

Energy Source	Energy Usage Quantity	Primary Energy (MWh)	Specific Usage (MWh/unit output)
Electricity *	MWh	40.50	40.50
Natural Gas	MWh	N/A	N/A
TOTAL	-	40.50	40.50

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

Signed *Steve Fella*
(Authorised to sign as representative of Operator)

Date: *22/01/2018*

Permit Number: EPR/AB3191FR

Operator: Agrivert Ltd

Facility: Stormy Down AD Facility

Form Number: WaterUsage1 / 01/01/2017

Reporting of Water Usage for the year 2017

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water	530.84	
Borehole	1,377.2	
TOTAL WATER USAGE	1916.04	

Operator's comments:

- Borehole water has been used for the biofilter scrubber unit, pressure washing of delivery waste vehicles and Reception building.
- Mains water used in the welfare cabins

Signed *Shane Keller*
(authorised to sign as representative of Operator)

Date: 22/01/2018

Permit Number: EPR/AB3191FR

Operator: Agrivent Ltd

Facility:

Stormy Down AD Facility

Form Number: Air1 / 01/01/2017

Reporting of emissions to air for the period from 01/01/2017 to 31/12/2017

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³	Hourly Mean	581	Monitoring methods used shall be in accordance with Agency document "Technical Guidance Note M2 Monitoring of stack emissions to air".	12/06/2017 10:31 - 11:31	± 24.
A1	Sulphur dioxide	350 mg/m ³		32.7		12/06/2017 10:32 - 11:32	± 1.8
A1	Non-methane VOC's	75 mg/m ³		£ 0.2		12/06/2017 10:31 - 11:31	0.1 to 0.6.
A1	VOC as Total Organic Carbon (TOC)	1000 mg/m ³		611		12/06/2017 10:31 - 11:31	± 29.
A1	Carbon Monoxide	1400 mg/m ³		835		12/06/2017 10:31 - 11:31	± 45.
A2	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³	Hourly Mean	604	Monitoring methods used shall be in accordance with Agency document "Technical Guidance Note M2 Monitoring of stack emissions to air".	12/06/2017 11:44 - 12:44	± 25.
A2	Sulphur dioxide	350 mg/m ³		34.2		12/06/2017 11:45 - 12:45	± 1.9.
A2	Non-methane VOC's	75 mg/m ³		£ 0.2		12/06/2017 11:44 - 12:44	0.1 to 0.6.

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A2	VOC as Total Organic Carbon (TOC)	1000 mg/m ³		577	Guidance Note M2 Monitoring of stack emissions to air.	12/06/2017 11:44 - 12:44	± 28
A2	Carbon Monoxide	1400 mg/m ³		841		12/06/2017 11:44 - 12:44	± 45.

- [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 Natural Resources Wales 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 
(Authorised to sign as representative of Operator)

Date..... 22/01/2018.