Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

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Mr. Tim Cullinan
Woodville Pig Farms Limited
C/o Michael Sweeney
NRGE Ltd,
Mooresfort,
Lattin
Co. Tipperary

18 August 2010 Reg No: P0467-02

Dear Mr. Cullinan

I refer to your application for a review of your Integrated Pollution Prevention and Control (IPPC) licence, which was received on 24 November 2008.

I am to advise that in accordance with the provisions of Section 90 of the EPA Acts 1992 to 2007, you are requested to supply the following information detailed below so that the Agency may complete a comprehensive assessment of the IPPC application:

1. Provide an updated drawing/map:
    i. to show all the current and proposed groundwater wells at the proposed anaerobic digester plant at Ballaghveny.
    ii. to show the location of the mixing tanks, material tanks, quarantine area, gas purification system, biofilter(s) and all other plant in the proposed reception building at Ballaghveny.
2. Provide details on the type of biofilter system (including media) to be installed at the anaerobic digester plant at Ballaghveny.
3. Complete Section E and associated tables of the IPPC application form, as appropriate, please find enclosed tables associated with Section E for your ease of reference.
4. Please clarify the proposed use for the solid/fibrous digestate and the sulphate from the proposed gas purification unit.

In addition to the above please also provide an updated non-technical summary to reflect the information provided in your reply.

In the circumstances you should make immediate arrangements to have the required information (1 signed original, 1 hardcopy and 2 copies of all files in electronic searchable PDF format on CD-ROM) submitted to the Agency without delay. Your response to this request should be directed to Sonja Smith Administration Officer, Office of Climate, Licensing & Resource Use.

Yours sincerely,

Jennifer Cope

Jennifer Cope, Inspector
Office of Climate, Licensing & Resource Use

Note: Any ***telephone enquiries*** in relation to the above should be directed to **Jennifer Cope** at the number above.
All ***written communications and replies*** should be directed to Sonja Smith, Office of Climate, Licensing & Resource Use, EPA, PO Box 3000, Johnstown Castle Estate, County Wexford.

Table E.1 (i) BOILER EMISSIONS TO ATMOSPHERE (1 Page for each emission point)

Emission Point:

Emission Point Ref. Nº:		
Location:		
Grid Ref. (12 digit, 6E,6N):		
Vent Details	Diameter:	Height above Ground(m):
Date of commencement of emission:		

Characteristics of Emission:

Boiler rating Steam Output: Thermal Input:		kg/hr MW
Boiler fuel Type: Maximum rate at which fuel is burned % sulphur content:		kg/hr
NOx		mg/Nm^3 0°C. 3% O_2(Liquid or Gas), 6% O_2(Solid Fuel)
Maximum volume* of emission		m^3/hr 0°C, 3 % O_2 (liquid or gas), 6 % O_2 (solid fuel)
Temperature	°C(max) °C(min)	°C(avg)

* Volume flow limits for emissions to atmosphere shall be based on Normal conditions of temperature and pressure, (i.e. 0°C,101.3kPa), dry gas; 3% oxygen for liquid and gas fuels; 6% oxygen for solid fuels.

(i) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up/shutdown to be included):*

Periods of Emission (avg)	_____min/hr _____hr/day _____day/yr

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TABLE E.1(ii) MAIN EMISSIONS TO ATMOSPHERE (1 Page for each emission point)

Emission Point Ref. Nº:	
Source of Emission:	
Location:	
Grid Ref. (12 digit, 6E,6N):	
Vent Details Diameter: Height above Ground(m):	
Date of commencement:	

Characteristics of Emission:

(i) Volume to be emitted:			
Average/day	Nm^3/d	Maximum/day	Nm^3/d
Maximum rate/hour	Nm^3/h	Min efflux velocity	$m.sec^{-1}$
(ii) Other factors			
Temperature	°C(max) °C(min)		°C(avg)
For Combustion Sources: Volume terms expressed as : ☐ wet. ☐ dry. _____ $\%O_2$			

(iii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included):*

Periods of Emission (avg)	_____min/hr _____hr/day _____day/yr

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TABLE E.1(iii): MAIN EMISSIONS TO ATMOSPHERE - Chemical characteristics of the emission (1 table per emission point)

Emission Point Reference Number:_____

Parameter	Prior to treatment[1]				Brief description of treatment	As discharged[1]					
	mg/Nm^3		kg/h			mg/Nm^3		kg/h.		kg/year	
	Avg	Max	Avg	Max		Avg	Max	Avg	Max	Avg	Max

1. Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C,101.3kPa). Wet/dry should be the same as given in Table E.1(ii) unless clearly stated otherwise.

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TABLE E.1(iv): EMISSIONS TO ATMOSPHERE - Minor atmospheric emissions

Emission point Reference Numbers	Description	Emission details[1]				Abatement system employed
		material	mg/Nm^3[2]	kg/h.	kg/year	

1 The maximum emission should be stated for each material emitted, the concentration should be based on the maximum 30 minute mean.

2 Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C101.3kPa). Wet/dry should be clearly stated. Include reference oxygen conditions for combustion sources.

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TABLE E.1(v): EMISSIONS TO ATMOSPHERE – Fugitive and Potential atmospheric emissions

Emission point ref. no. (as per flow diagram)	Description	Malfunction which could cause an emission	Emission details (Potential max. emissions)[1]		
			Material	mg/Nm^3	kg/hour

[1] Estimate the potential maximum emission for each malfunction identified.

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