

**Notice of request for more information**

Environmental Permitting (England and Wales)  
Regulations 2016

**Notice requiring further information**

**To: Mr Glenn Kitchen  
Next Generation Data Ltd  
Imperial Park Celtic Way  
Marshfield  
Newport  
NP10 8BE**

Application number: **PAN-003940**

Natural Resources Wales, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit, dated 29/11/2018. The information requested should be sent to the following address by 29/08/2019.

Information should be sent to:

Wales Permitting Centre  
Natural Resources Wales  
Cambria House  
29 Newport Road  
Cardiff  
CF24 0TP

Name	Date
<b>Kirsty Thomas</b>	<b>15/08/2019</b>

Authorised on behalf of Natural Resources Wales

Ffôn/Tel 03000 654552

Ebost/Email [kirsty.thomas@cyfoethnaturiolcymru.gov.uk](mailto:kirsty.thomas@cyfoethnaturiolcymru.gov.uk)  
[Kirsty.thomas@naturalresourceswales.gov.uk](mailto:Kirsty.thomas@naturalresourceswales.gov.uk)

Canolfan Trwyddedu Cymru (Caerdydd), Cyfoeth Naturiol Cymru, Tŷ Cambria, 29 Heol Casnewydd, Caerdydd. CF24 0TP

Wales Permitting Centre (Cardiff), Natural Resources Wales, Cambria House, 29 Newport Road, Cardiff. CF24 0TP

Gwefan/Website [www.cyfoethnaturiolcymru.gov.uk](http://www.cyfoethnaturiolcymru.gov.uk)  
[www.naturalresourceswales.gov.uk](http://www.naturalresourceswales.gov.uk)

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg  
Correspondence welcomed in Welsh and English



## Schedule

Following the first Schedule 5 Notice sent out on the 11/04/2019, there are some remaining issues that need to be addressed. Please provide the following information:

### Air Quality Assessment

1. As per Section 1.7 of the first Schedule 5 Notice, please submit the AERMET files for their choice of Albedo and Bowen ratio. Table 2 of your report was not correct according to the AERMET manual (April 2018), i.e., for albedo, 0.14 shown in the table is only for Spring, in other seasons, albedo are higher than 0.14; and for Bowen ratio, 0.45 was shown in the table for Urban, however, AERMET manual shows Bowen ratio is larger than 1 for Urban at all seasons. Surface roughness of 0.000075 shown in Table 2 was also not correct for Cultivated land. These values shown in Table 2 were not consistent with those in the .sfc file provided previously.
2. In relation to Section 1.8 of the first Schedule 5 Notice, please provide source information (and justification if appropriate) of the quoted emission concentrations of CO<sub>2</sub>, NO<sub>x</sub> and CO in mg/Nm<sup>3</sup> at 5% oxygen, and oxygen content (% dry). Please provide the reference or calculation how the fuel consumption specific factor (Nm<sup>3</sup>/s per kg/hour of fuel consumed: 0.00424) and thermal input specific factor (Nm<sup>3</sup>/s per kW<sub>th</sub> : 0.00036) were derived.

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