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 01/11//2019.

Information should be sent to:

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

Name	Date
Kirsty Thomas	**14th October 2019**

Authorised on behalf of Natural Resources Wales

Ffôn/Tel 03000 654552

Ebost/Email kirsty.thomas@cyfoethnaturiolcymru.gov.uk
Kirsty.thomas@naturalresourceswales.gov.uk

Schedule

Please provide the following information in relation to the revised noise assessment report (Generator Testing Assessment) provided to NRW on the 12th September 2019:

- Both daytime and night time background (L_{A90}) values (Table 4-8 of the updated report) based on the 2019 BS4142:2014 survey appear acceptable for receptors 1 to 4 except for the night time value used for the Pencarn Avenue receptor. The background measurements (both attended and unattended) at Pencarn Avenue clearly indicate two distinct phases with a relatively steady period less than or equal to 39 dB(A) from 23:00 to 03:00 before levels start to increase. A conservative assessment should consider impacts during this quieter night time period. Please clarify how the background of 41dB(A) was selected as representative of the night time period taking into consideration the quietest period between 23:00 to 03:00.

- The updated report indicates that background values for the additional receptors 5 to 7 were estimated with reference to the *results in Table 5-1…*". As this table in the updated report refers to generator sound power levels, it is assumed that background levels at the additional receptors were estimated from results in Table 4-8 which represents the measured background levels for receptors 1 to 4. Clarify the method used to establish background levels at the additional receptors 5 to 7.

- Results for all scenarios at the Powis Close receptors in the updated report do not reflect the maximum predicted impact derived from the modelling. Please review and amend.

- Differences between our check calculations and predictions in the updated report for the remaining scenarios were as follows:

    - Black building test +0.5 dB to + 3.5 dB
    - Emergency (daytime, load-shedding after 10 mins) -0.1 dB to +1.6 dB
    - Emergency (night time, load-shedding after 10 mins) +0.0 dB to + 0.4 dB

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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
www.naturalresourceswales.gov.uk

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

- Emergency (post load-shedding after 10 mins) -0.1 dB to +2.2 dB

Clarify the method of calculation used to derive the predicted values. Please also provide the calculations/spreadsheet for support.

- Concluding that "*Routine engine testing and black building testing is considered not to give rise a significant impact.*" is not supported by the results presented in the updated report which clearly indicates impacts around +5dB & +10dB at the worst affected receptors which is likely to be an indication of an adverse and significant adverse impact respectively depending on context. These impacts are not acceptable and need to be addressed. Please explain how these impacts will be mitigated against. What else can be done to reduce noise levels?

We do not consider inclusion of a statement in the conclusion of the updated report that "…*there have been some engines on the site for a number of years that already undergo routine testing as described*." is a sufficiently strong context argument to mitigate the possible impacts indicated by the predicted rating over background at the worst affected receptors during routine testing.