

# MEMO

TO:

**William Wallace**

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**REF**

**DATE**

17 July 2024

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**CC**

Adam Lawrence  
Sam Giles  
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**SUBJECT**

Explanation of the requested additional information for IQE permit application

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To address the requested information, the original noise impact assessment report (NIA) has been updated. This document provides brief explanation and reference to the NIA.

The requested information is presented first, and the replies follow.

**1) Requested information:**

State the dates and time of day when the measurements for 2018 and 2019 monitoring were taken.

Survey date and time have been added to the report. Details are shown in Table 4-3 to Table 4-6 in the revised NIA.

**2) Requested information:**

Considering the 2021 verification itself cannot be fully verified as there is no information on the weather conditions instrument, duration (Section 4.2.3 of the submitted NIA), provide additional justification as to why you consider the 2018 and 2019 backgrounds are representative.

Justifications were provided in section 4.5 of the revised NIA

**3) Requested information**

Provide the relevant noise qualifications of the person(s) who completed the report. These should meet the minimum requires as set out in the guidance Noise and vibration management: environmental permits - GOV.UK ([www.gov.uk](http://www.gov.uk)).

Qualifications have been included in the revised NIA Appendix D.

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## 4) Requested information

Provide more details on any calculations on how the estimated background level at Edmundsbury Road was derived and provide justification as to why the background measurements were not taken at this location.

An additional note (Note3) has been provided in section 4.5 under Table 4-9 to explain how the sound level at Edmundsbury Road was determined.

## 5) Requested information

Provide context with justification as to why the impacts at 49 Powis close and 14-16 Powis Close are considered minor adverse impact. BS4142 states that around +5dB is likely to be an indication of an adverse. As these sites have an impact around +5 dB above background, these can be considered adverse impacts depending on context. The context (and justification) should include considerations for both weekdays and weekends

An additional paragraph discussing the context has been added to section 6.3.1 of the revised report to further assess the impact.

## 6) Requested information

Provide more details on noise mitigation and management techniques given the around 5 dB above background at some receptors (depending on context).

An additional paragraph discussing the context has been added to section 6.31 of the revised report to further assess the impact.

## 7) Requested information

Provide further reasons/explanation as to why the background level ( $L_{A90}$ ) at Powis close does not change between daytime and night time.

An additional note to explain the measurements has been added below Table 4-8 in the revised report.

## 8) Requested information

Following the revised impact assessment addresses the above, should the outcome of the reviewed NIA identify adverse impact, submit a subsequent Noise Management Plan (NMP) in line with the above guidance.

The most affected receptor by the proposed scheme is the residential properties at Powis Close. Based on the calculations, the specific sound level at Powis Close is considerably low (38 dB  $L_{Aeq,T}$  normal operation). Based on this context (details have been added to the revised NIA in section 6.1.1), the impact is likely to be below adverse. Therefore, a Noise Management Plan is not considered necessary.