

Jane Hall
The Byre
Tortworth Estate
Woodend
Wotton-under-Edge
GL12 8AA

Our ref: PAN-024249
(EPR/AB3893FZ/V003)
Your ref: EPR/AB3893FZ/V003

Date: 12/07/2024

Dear Mrs Hall

We need more information about your application

Application reference: PAN-024249 (EPR/AB3893FZ/V003)
Operator: IQE Silicon Compounds Ltd
Facility: Newport Semi Conductor Facility, Imperial Park, Celtic Way, Newport, NP10 8BE

Thank you for your application received on 22/12/2023.

I need to ask you for some more information before I can do any more work on it. The additional information required is summarised below.

General Information

- Provide a site plan with location of discharge to surface water (W1) included.
- Provide a copy of the sites trade effluent consent (if this is going to change provide a copy of what the proposed limits). If this is still being negotiated with DCWW confirm this and what are the proposed limits.

Containment Measures

- Provide details (including but not limited to design specifications / isometric images etc), on the bubbler containers you are proposing to use. Confirm what they are and how these will achieve the secondary containment requirements (as referenced in table 2-8 of the application document).
- Provide further details on secondary containment including if the proposed containment is constructed to CIRIA 736, class of containment, volume calculations of the bund (i.e. how they achieve the 110%) and their inspection routine (for condition and/or any contaminants inside).

Ffôn/Tel 0300 065 4448
Eboest/Email william.wallace@cyfoethnaturiolcymru.gov.uk
william.wallace@naturalresourceswales.gov.uk

Gwasanaeth Trwyddedu, Cyfoeth Naturiol Cymru, Adeilad y Goron, Parc Cathays, Caerdydd, CF10 3NQ
Permitting Service, Natural Resources Wales, Crown Buildings, Cathays Park, Cardiff, CF10 3NQ

Gwefan/Website www.cyfoethnaturiolcymru.gov.uk
www.naturalresourceswales.gov.uk

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

Noise Impact Assessment

Provide a revised Noise Impact Assessment (NIA) or a support document to the current NIA submitted in order to demonstrate that it fully meets the requirements of BS4142 and the Environment Agency's guidance [Noise and vibration management: environmental permits - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/noise-and-vibration-management-environmental-permits) and [Method implementation document \(MID\) for BS 4142 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/method-implementation-document-mid-for-bs-4142). Additional information should include (but not limited to) the following;

- State the dates and time of day when the measurements for 2018 and 2019 monitoring were taken.
- 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.
- 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 \(www.gov.uk\)](https://www.gov.uk/guidance/noise-and-vibration-management-environmental-permits)
- 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.
- 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.
- Provide more details on noise mitigation and management techniques given the around 5 dB above background at some receptors (depending on context).
- Provide further reasons/explanation as to why the background level (L_{a90}) at Powis close does not change between daytime and night time.
- 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.

General Risk Assessment

- The general risk assessment submitted missed out the receptors at Edmundsbury Road (as identified in the air quality and noise impact assessments) as a sensitive receptor in Table 4-1. If there are any additional risk to this receptor add these in or if there are no additional risks, confirm this.
- Provide more information on odour risk assessment to include (but not limited to) what storage methods (place outside/indoors) for ammonia and chlorine and how the storage methods are used to minimise the potential for odour impacts at the nearby receptors.

If you need advice about how to complete the form, please contact your local area office. Call 0300 065 3000 and ask to speak to your local area office or your site officer.

Please reply within 10 working days from the date of this letter. If we don't hear from you we must return your application and fee.

If you email or write to us please quote the application reference PAN-024249 (EPR/AB3893FZ/V003) on any correspondence and send it to the relevant address below.

When we receive the missing items we'll continue to check the details in your application. If there's enough there for us to begin the process of deciding whether or not we can grant your application we say the application is 'duly made' and we'll let you know this by letter.

We'll assess your claim for confidentiality once your application is duly made.

Please quote our reference if you contact us. If you have any questions please phone me on 0300 065 4448 or email william.wallace@naturalresourceswales.gov.uk

Yours sincerely

William Wallace
Senior Officer, Installations and RSR Permitting