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Our Ref: EA/EPR/DP3734DC/V002  
Date: 29 July 2019

FAO: Dave Wolstencroft [dave.wolstencroft@egniol.com](mailto:dave.wolstencroft@egniol.com)

Dear Mr Wolstencroft,

**Application number: EA/EPR/DP3734DC/V002 (Walleys Quarry Landfill)  
Noise Impact Assessment**

Thank you for submitting the further information in support of the application in relation to the noise impact assessment, submitted with the Schedule 5 response dated 5th July 2019. However the noise impact has been assessed by BS 5228 instead of BS 4142 and was based on data that was used in support of the noise risk assessment undertaken by Vibrock Limited (R12.7460/1/GS) that was prepared in support of a planning application to Staffordshire County Council in 2012 to BS 5228. This data is also over 7 years old.

The Vibrock report focus was to show that the noise emission criteria set by the planning authority for the site would be achieved. We do not accept this approach. There is no set number that we consider to be acceptable or unacceptable (a numeric noise limit) as each environment and industry needs to be considered on its own merits (as outlined in the Noise Policy Statement for England). Applicants must ensure that *"all the appropriate preventative measures are taken against pollution, in particular through the application of BAT"*.

We must therefore ask you to provide a revised noise impact assessment in accordance with BS4142:2014 and Noise Management Plan (NMP). You will need to review this alongside the Schedule 5 request made on the 24<sup>th</sup> July 2019 Item number 4. Item No 4 also requested a revised NMP, this will be the same NMP as referred to here and will need to be updated in line with BS 4142.

I apologise for the inconvenience in omitting the BS 4142 requirement in Item 4 of the second schedule 5 dated 24<sup>th</sup> July. I have sent this request through to you now rather than wait for the second schedule 5 response to be submitted in order to avoid further delay. However, I do need to make you aware that if a response is not received I will be obliged to send a third Schedule 5 asking for the same information that this letter is requesting.

Please send your response to us at the same time as submitting the second Schedule 5 response by the 21<sup>st</sup> August 2019.

### **Noise Assessment and Management Plan.**

In order for us to determine your application we need the following additional information on the noise emissions from your site, their potential impact on local receptors and controls to be put in place to reduce noise. The information should include the following;

1. Provide a quantitative noise assessment for your site which numerically quantifies all potential noise emissions and their expected or predicted impact on noise sensitive receptors. You must use a recognised method to calculate or model the noise which uses internationally agreed standards such as ISO 9613-2:1996 'Acoustics – Attenuation of sound during propagation outdoors'. Provide any model input files and/or calculation spreadsheets used to derive your predictions. All model input data shall also be documented in a report with text explaining the source of the data.
2. Provide background noise data using a recognised method of noise measurement such as the method proposed in BS 4142 2014, 'Method of rating industrial sound affecting mixed residential and industrial area'. Ensure your background measurements are representative for the receptors that are of concern and at all the appropriate operating times proposed for your site.
3. Provide a comparison of the predicted levels against background data in accordance with BS 4142 2014 (or equivalent) to show the expected noise impacts.
4. Provide a Noise Management Plan with full details of any mitigation and appropriate measures to be put in place to achieve acceptable noise emissions from the site either at source or on the pathway to sensitive receptors. The effectiveness of all proposed mitigation should be demonstrated using the BS4142 2014 comparative method based on either modelled or calculated noise predictions.

### **Guidance on completing noise assessments:**

Guidance on how to complete noise assessments and management plans for the Environment Agency is provided in our H3 guidance 'H3 Part 2 noise assessment and control' and our data requirements for noise assessments are provided in 'Noise impact assessments, information requires'; the documents can be referenced from the following link on the gov.uk website;

<https://www.gov.uk/government/collections/horizontal-guidance-environmental-permitting>

### **Please send your response to:**

Email address [psc@environment-agency.gov.uk](mailto:psc@environment-agency.gov.uk).

### **Or by post to**

Permitting Support Centre  
Quadrant 2  
99 Parkway Avenue  
Sheffield  
S9 4WF

Yours sincerely,  
Miranda Wycherley

### **Miranda Wycherley**

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