

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2021/94061 - Former North Bierley Waste Water Treatment Works, Oakenshaw, BD12 7ET		
Reserved matters application pursuant to outline permission 2016/92298 for re-development of former waste water treatment works following demolition of existing structures to provide employment uses (use classes B1(c), B2 and B8)		
Responding Date: 24 January 2023	Responding Officer: Mohammed Nasim	Responding Ref: WK202201556
<u>Comments</u> The applicant has submitted a Noise Impact Assessment authored by Dragonfly Consulting dated 24 January 2021 Ref DC3229-R1. We note this was submitted under reserved matters application 2021/91932 making reference to two proposed units but deem it applicable to this application taking into account the siting of this proposal in relation to noise sensitive receptors (NSRs). An Environmental Noise Survey was undertaken from the 12th to the 13th of November 2019 from two measurement locations as shown in Appendix C and a summary of the measured noise levels is shown in table 4.1. As expected, the noise climate is dominated by road traffic from the adjoining motorway. In the absence of detailed information regarding the plant items, the potential impact has been assessed by providing a maximum allowable noise limit at source in accordance with the requirements of BS4142. Corrections have been applied and tables 5.2 to 5.9 show that the requirements of condition 28 (fixed mechanical plant) would be met for both daytime and night-time periods. To assess the effect of the attenuation from the proposed barrier, noise modelling has been conducted incorporating the existing topography, road network and elevation. Based on a nominal sound power level of 105dB L_{WA}, figures 5.1 and 5.2 show the modelling with and without topography and this is reflected in table 5.10 which shows a difference of -8.8dB at NSR1 and -9.7dB at NSR2 which meets with the requirements of the condition. <u>Recommended Conditions</u> <u>Condition 29</u> The submitted information meets with the requirements of the condition and we therefore recommend this condition can be discharged.		