

PL- Consultation- Environmental Health response

Arun District Council, Civic Centre, Maltravers Rd
Littlehampton, West Sussex, BN17 5LF
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From: Fiona Fitzgerald <Fiona.Fitzgerald@arun.gov.uk>
Sent: 21 April 2026 16:26
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: David Easton <David.Easton@arun.gov.uk>
Subject: F/15/26/DOC

Dear Planning,

Environmental Health **object** to this planning application.

1. Table 4.4 gives the calculated noise levels (LAeq,T) for the nearest noise sensitive dwellings. However, it becomes apparent from paragraph 5.8 that these results include a 10dB reduction for noise barriers. Environmental Health considers that the calculated noise levels at each of the nearest noise sensitive residences should be provided without mitigation in the first instance, so that it can be determined how effective the mitigation is. If the 10dB attenuation is removed from the calculations in Table 4.4, it becomes apparent that Category A, Table E1 of BS5228 is not complied with.
2. A 10dB reduction from a noise barrier would be applied in optimal conditions. The information provided by the applicant indicates that optimal conditions may not be reached in this case because:
 - a. Paragraph 5.8 indicates that the barrier will have a minimum surface mass density of 10kg/m2, however, standard acoustic barriers have a surface mass density of 20kg/m2.
 - b. There is no consideration of the height of the source noise. The noise barrier is proposed to be 2m high, but it is entirely possible that construction vehicles may in parts be higher than this.
 - c. The construction noise by it's very nature may be mobile. This means that the source noise will not necessarily be as close as possible to the acoustic fence.

In the absence of clear information to clarify assumptions made by the applicant, there is a lack of clarity as to the exact noise level predictions and Environmental Health considers that the predicted levels may not be an accurate reflection of the noise environment during the build.

3. Paragraph 5.11 states that if construction noise levels exceed the criteria with the site hoarding in place localised screening will also be implemented. However they then fail to detail how it will be determined that exceedances have taken place.
4. With regard to the diesel generators for the silt buster pumps, the applicant has not confirmed:
 - a) How many generators are proposed to be on site, and how many are proposed to be used at any one time?
 - b) Whether the generators can be located any further than 10m from the current works site and therefore further from the dwellings at Wicks Cottages?
5. Paragraph 6.4 details information about the silenced diesel generator powered pump noise being no greater than the 45dB LAeq night target noise level. However, paragraph 5.4 states standard working hours during the daytime only, Please can this be clarified as there should be no working or equipment on outside of the conditioned hours?
6. Paragraph 6.2 states that at the majority of dwellings the predicted noise levels will be below the target noise levels but does not indicate what will happen to those that exceed.
7. Paragraph 6.4 'expects' that the generators and silt busters will only be required during periods of rain or when a new drainage run is being installed, but fails to give specific information about this.
8. In relation to Paragraph 6.5, there is no information provided in terms of management control should all noisy operations take place at the same time and exceedances occur.
9. Please could the applicant clarify whether the generator(s) and silt pump(s) have been considered in the overall noise calculations as noise sources?

Given the queries raised above, Environmental Health does not consider that the acoustic information provided is robust, and therefore the conclusions drawn cannot be relied upon.

Regards

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