

From: Adcock, Charlotte

Sent: 13 January 2021 17:23

To: Mansi, Julia

Cc: Fitzgerald, David

Subject: FW: Havant Thicket, adjacent to Sir George Staunton Country Park, Middle Park Way, Havant

I have completed my review of the Havant Thicket application with respect to noise and vibration.

The construction works at the Reservoir and along the access road do not give significant cause for concern. Neither does the assessment of vibration for the scheme.

However my initial thoughts remain valid, in that I would like to see more detail regarding the pipeline open trench construction noise impacts, and measures that might be taken to mitigate noise. I have concerns that noise impacts will be significant at a considerable number of properties and might meet the threshold for noise insulation / temporary rehousing to be considered.

For example, currently the assessment (ES Vol 2 Chapter 12 N & V) predicts the number of properties affected by noise, but assumes the worst case noise levels will occur throughout the entire planned period of daytime works for that section. It suggests at para 12.80 that there are daytime impacts of open trench construction at every section. For example at section 17 there are predicted to be 120 properties affected for 45 days by potentially significant impacts. The commentary indicates that noise levels won't be as bad as shown, for as long as shown, nor for as many properties as shown. but it doesn't refine the analysis any further. In reality I agree that probably due to the movement of works through a section, each house may not experience as many days disturbance as might first appear, but is it 10 days, 20 days, 1 day? The assessment gives us numbers to work with and then basically says that in reality the situation may be nothing like this?? The assessment goes on to state in 12.138, that all sections of open trench construction will take at least 10 days, and 4 sections take over 40 days but the noise effects won't be significant because they will use BPM to reduce them, as well as good communication with residents. I don't agree with this view necessarily.

Where night works will take place (four of the sections), in section 11 the works could take 55 days and affect 464 residential properties! Until we can understand the true extent of the noise impacts for both day and night works then I remain concerned and suggest that this assessment indicates that we may need to consider noise insulation and /or temporary rehousing for residents affected by the noise, as noted in 12.125.

I'd also like to understand whether acoustic hoarding might be realistically employed during trenching works. The assessment infers that it might be used and I believe it would be imperative to reduce noise impacts from trenching, but will it be possible in reality if screening affects road visibility, and with fast moving works along a pipeline it might be tricky to construct and deconstruct in time. I don't want to assume a 10 db reduction for hoarding if it won't be installed.

Finally, the assessment refers to an Outline Environmental Management Plan ES Vol 4 A2.1 but I could not find this in the documents submitted? It should continue a record of Environmental Actions and Commitments – relevant to the night works?

I expect that until a Contractor is on board the Consultant can't refine any further the details of plant and equipment to be used, and mitigation measures that might be employed, so the assessment has to be illustrative to a point, but I am keen that we get some refinement of the current assessment –

if only to identify a realistic number of worst affected properties for each section of trenching and the length of time that they might realistically be affected by that level of noise. I am of the view that it is also important to indicate that we expect that there may be a requirement for noise insulation or temporary rehousing if this Scheme goes ahead.

Finally I would like to see the OEMP – apologies if I have missed that.

Thanks and regards

Charlotte

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