
From: Samuels, Angela
Sent: 19 April 2023 10:30
To: Rob Smith
Cc: Bell, Charlie ; James Cox
Subject: FW: Ladycross Phase 6 Conditions Discharge - Response to Questions

[OFFICIAL]

Hi Rob

Further to your email of 13 April 2023 regarding the application to discharge conditions for Phase 6 works at Ladycross, please find below a response to your questions raised. For the purposes of clarity, your question is shown below in blue and Anglo's response is shown in black.

One point I have noted is that there are some apparent discrepancies between the assumptions made about plant on-time between the Construction Method Statement and the Noise and Vibration Management Plan. I've provided an example below related to crane useage (I'm assuming these relate to the same activities but as the terminology differs I'm not completely sure of that). I'm mindful that for night time noise the modelled predictions are on the 42dB limit for some receptors and therefore any differences in assumptions relating to the range of activities to be carried out during Phase 6 could presumably have some impact on whether noise is predicted to remain within agreed limits. It might be helpful if the assumptions made could be reviewed for consistency to ensure they are as robust as possible.

Many thanks.

Construction Method Statement Table 4-1:

Activity 5 - Installation and use of temporary shaft head house and associated services Install Plant & Equipment
Crane 135T Liebherr LR1130 80.00%
Crane 250T Liebherr LR1250 80.00%

Noise and Vibration Management Plan (page 16):

Installation and use of shaft infrastructure including tally hut, communications and ventilation fan
1 x 130T mobile Crane, 50% on-time Daytime only, 105dB LwA
1 x 250T Mobile Crane, 50% on-time Daytime only, 107dB LwA

We can confirm that the above activities stated are the for same operations. The on-time percentages referred to in the Construction Method Statement are an error and those provided within the Noise and Vibration Management Plan are those expected for the works. It is these that have been included in the noise modelling.

The noise modelling has been undertaken in a conservative manner, for example the model assumes all generators working with 100% on-time for the welfare, workshop and for the shaft infrastructure as we were unsure on mains availability at the time the modelling was undertaken. Mains power is now connected for the site and these generators would only be used as an emergency back up.

I trust that this answers your query satisfactorily but if you need any further information or clarification, please do not hesitate to contact me.

Best regards

Angela Samuels
Permitting Officer
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