

Rosie James

From: Taylor, Frances <Frances.Taylor@coventry.gov.uk>
Sent: 02 February 2018 08:43
To: Martyn Ludlow
Subject: RE: Noise Assessment Scoping - Tamworth Road, Keresley

Hi Martyn.

Sorry for the delayed response but I have been trying to clarify a few things with my colleagues in the planning department.

Firstly, if the traffic data matches, then it would seem reasonable to verify the model using Beake Avenue tubes.

Secondly, the air quality assessment cannot consider this parcel of land alone as it is part of land designated as sustainable urban extension (SUE) for approximately 3000 houses and the assessment will therefore need to consider this as a whole. Please see the table below which is taken from policy H2 in the Coventry Local Plan available at:

http://www.coventry.gov.uk/downloads/download/4881/adoption_statements

Site Ref	Site	Ward	Total Dwellings	GF / PDL	Essential Site Specific Requirements and Other Uses
H2:1	Keresley SUE	Bablake	3,100	GF	Retail space within local centres (policy R1). Distributor link road connecting Long Lane and Winding House Lane to be fully operational prior to the full completion of the SUE. Surrounding junction improvements as appropriate and identified through a robust TA. Provision of 1 x 2FE primary school and contributions towards a 8FE secondary school. Retention of medieval fishponds, ancient woodlands, important (ancient) hedgerows. Creation of publicly accessible green corridor along the Hall Brook and enhanced connectivity between the ancient woodlands. Protection of Jubilee Woodland. Inclusion of appropriate screening to existing residential areas.
H2:2	Eastern Green SUE	Bablake	2,250	GF	15ha of employment land adjacent to the

					<p>A45 (policy JE2), which is to be developed in tandem with the residential development. The provision of a new Major District Centre (policy R1). Provision of 1 2FE primary school. New grade separated junction from the A45 to provide primary site access with surrounding junction improvements as appropriate. The new A45 junction should be fully operational prior to the occupation of the employment land and the Major District Centre, whilst no more than 250 homes should be occupied prior to this junction being fully operational (in accordance with Policy DS4D). Creation of publicly accessible green corridors along the Pickford Brook and its tributaries. Retention of medieval moat at Pond Farm and retention of important hedgerows. Inclusion of appropriate screening to existing residential areas. Buffering and screening at Pickford Green to protect the transition of land use into the wider Green Belt.</p>
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If you have any more questions, then please let me know.

Regards,

Frances

From: Martyn Ludlow [mailto:martyn.ludlow@m-ec.co.uk]
Sent: 26 January 2018 10:40
To: Taylor, Frances <Frances.Taylor@coventry.gov.uk>
Subject: RE: Noise Assessment Scoping - Tamworth Road, Keresley

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Hi Frances,

Thank you for supplying us with the raw data.

With regard to the noise assessment, to further consider Prologis Park, we will undertake an attended 3 hour daytime survey, and a short term night-time survey during the night, to encompass early morning hours.

The site will have one access road from Tamworth Road and one access road from Fivefield Road.

With regard to the air quality assessment, we have identified roads links in the area for which we will have traffic data, that correspond to diff tube locations BA1c (Beake Avenue) and BA1 (Beake Avenue/Radford Road) (shown on the attached PDF), which we propose to use for verification of the model performance, and derive an adjustment factor if required.

I'd be grateful if could you let us know if the above is satisfactory.

Kind Regards,

Martyn Ludlow BSc AMIOA
Assistant Noise & Air Quality Consultant

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From: Taylor, Frances [<mailto:Frances.Taylor@coventry.gov.uk>]
Sent: 24 January 2018 08:54
To: Martyn Ludlow <martyn.ludlow@m-ec.co.uk>
Subject: RE: Noise Assessment Scoping - Tamworth Road, Keresley

Hi Martin,

If you are going back, on site it would be preferable to have some short-term noise measurements in the part of the site closest to Prologis Park as a worst case scenario.

With regards to the air quality, it is difficult to know which junctions are likely to cause concern without more information on the exit and entry points to the proposed development. Do you have any further information on this?

I have spoken to my colleagues about the tube CT20 as this was before my time. It seems that this tube was part of a community project which was short lived. As such, we have no new results in the area and the tube was not placed strategically but rather with community members who volunteered.

We have yet to submit our latest ASR. I have however, attached tube results for 2016. The raw tube data shows results at the tube locations for modelling. The other table gives the tube locations and distance corrected results. Results for 2017 will be available once Defra release the bias adjustment figures.

Regards,

Frances

From: Martyn Ludlow [<mailto:martyn.ludlow@m-ec.co.uk>]
Sent: 22 January 2018 16:29
To: Taylor, Frances <Frances.Taylor@coventry.gov.uk>
Subject: RE: Noise Assessment Scoping - Tamworth Road, Keresley

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Hello Frances,

Thank you for your response. Things have moved on since my last correspondence, so I've set out a couple of points below, to ensure that we are undertaking assessment to the Council's requirements:

Noise

Due to a tight schedule, noise monitoring was undertaken last week over 24 hours, adjacent to Tamworth Road and Fivefield Road site boundaries (a survey location plan is attached for reference). No commercial noise was audible during the site visit, at Fivefield Road. The noise meter was set approximately 1.5m above local ground level, and a 70dB LAmax audio trigger was set on the meter to record any significant noise events. From our observations whilst on site, and from initial analysis of the results, we do not anticipate that commercial noise will be an issue at the proposed development. However, to confirm our results and on site observations, we do plan to visit the site again.

Air Quality

With regard to the diffusion tube data for verification, the CT20 (Bennetts Road South) tube results are contained within the Coventry City Council Progress Report from 2014, so we assume that monitoring has been discontinued there? Due to the timescales involved with monitoring for a suitable amount of time, are the other tubes in your area that you could recommend? Perhaps you could send through your latest report, please, so that we can have a look?

We plan to predict and assess NO2 concentrations for 'without development' and 'with development' (to include cumulative traffic) at relevant locations along Fivefield Road, Tamworth Road and Bennetts Road. I note that we are yet to receive the traffic data. Once received, we will undertake a scoping exercise (in accordance with IAQM guidance) to establish whether any other links should be included within the assessment. Please let us know if the Council requires any other specific road links or future receptors to be assessed further to this.

Thank you for your time.

Kind Regards,

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From: Taylor, Frances [<mailto:Frances.Taylor@coventry.gov.uk>]
Sent: 22 January 2018 11:43
To: Martyn Ludlow <martyn.ludlow@m-ec.co.uk>
Subject: FW: Noise Assessment Scoping - Tamworth Road, Keresley

Good Morning Martyn.

Apologies for the delayed response.

In regards to your proposal, ii have the following comments:

NOISE

It would be preferable to locate the Fivefield Road monitor at the point nearest to the Prologis Park development to the East of the site. It would also be useful to include LAmox noise readings in the event that noise from this site is of concern.

AIR QUALITY

We would require an assessment for air quality given the scale of the proposed development. Unfortunately we do not have any tubes located in the area. The tube CT20 to which you refer is likely to belong to North Warwickshire. As such, in order to validate any modelling it will be necessary for you to undertake some monitoring to establish the levels of nitrogen dioxide at receptors on Tamworth Road and Fivefield Road.

I would be happy for you to send me further details of the assessment for comment prior to modelling.

Regards,

Frances Taylor
Environmental Health Officer

024 7683 4944

From: Martyn Ludlow [<mailto:martyn.ludlow@m-ec.co.uk>]
Sent: 17 January 2018 10:06
To: Domestic.Noise
Subject: FW: Noise Assessment Scoping - Tamworth Road, Keresley

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Good afternoon,

We are yet to receive a response regarding the councils thoughts to Noise Assessment at Tamworth Road, Keresley, the scoping of which can be found below.

Please let us know if the assessment criteria and methodology meets the councils requirements

Look forward to hearing from you, thankyou for your time

Kind Regards,

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From: Martyn Ludlow

Sent: 08 January 2018 14:55

To: 'domestic.noise@coventry.gov.uk' <domestic.noise@coventry.gov.uk>

Subject: Noise Assessment Scoping - Tamworth Road, Keresley

To whom this may concern,

We have been commissioned to undertake Noise and Air quality Assessments for a proposed residential development at land adjacent to Tamworth Road, Keresley. A site location plan is attached for reference. The site is located approximately 4km north of Coventry city centre and bound by residential dwellings to the east and west and green field to the north, and south.

It is understood that the development proposals comprise 490 dwellings. As sound from nearby road traffic may impact upon the proposed residential use, Noise and Air Quality Assessment is required to accompany the planning application for the development.

We have set out below our proposed general assessment approach, and would be grateful if you could have a look through and confirm whether it will satisfy yours, and the Council's requirements.

Noise Assessment

Due to the proximity of Tamworth Road at the western site boundary, and Fivefield Road at the eastern site boundary, road traffic noise is the dominant sound source affecting the site.

We propose to undertake noise surveys at two locations adjacent to Tamworth Road and Fivefield Road. The surveys will be undertaken for a 24hour period.

Measured daytime $L_{Aeq,16hr}$ and night-time $L_{Aeq,8hr}$ sound levels will be assessed with reference to internal and external criteria contained within BS8233:2014 'Guidance on sound insulation and noise reduction for buildings' and World Health Organisation (WHO) Guidelines for Community Noise.

If assessment indicates that sound levels exceed the recommended thresholds then mitigation measures to allow commensurate internal and external noise levels to be achieved, will be identified and included within the noise assessment report.

Air Quality

Initial research indicates that the proposed site is currently located within an Air Quality Management Area. The nearest diffusion tube to the site appears to be CT20 (Bennett's Road South), which is approximately 1.3km to the south of the site. Please would you advise as to whether you require an air quality assessment for this area to be undertaken?

If assessment is required, we will undertake modelling using the ADMS-Road atmospheric dispersion modelling software to calculate incremental changes in NO2 and PM10 concentrations due to the development (unless it is obvious from the traffic data that AQA is not required). Traffic data will include any committed development and development flows, as per scenarios that will be considered within the Transport Assessment.

Assessment would be carried out with reference to the Design Manual for Roads and Bridges (DMRB) Section 11.3.1, Defra's LAQM TG(16), the National Planning Policy Framework and IAQM/EPUK's 'Land-Use Planning and Development Control: Planning for Air Quality 2015 (v1.1).

Please would you provide us with the latest LAQM report and monitoring data, please, in order for us to undertake the verification process?

I hope I have provided all the information you require, please would you confirm whether the above methodology satisfies the Council requirements?

Kind Regards,

Martyn Ludlow

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