

Morris, Rachael

From: Scott, Neil
Sent: 23 October 2023 17:35
To: Morris, Rachael
Subject: X/23/94505 Noise assessment of proposed electricity transformer
Attachments: 04_21_102_G Site Layout 2 of 2.pdf; Substation Acoustic Note 13271.231005.L1 - signed.pdf

Hello Rachael

The noise note provided concludes that there would be no adverse noise impact, however this is dependent upon the materials, design, construction and orientation of the building housing it.

The note advises that, '*...In order to minimise the acoustic impact on sensitive receptors, the substation will be mounted on 1m deep concrete base, and housed in a 215mm thick solid brick walled enclosure with a plain clay tile roof over. The enclosure door will be in the west elevation away from neighbouring offsite noise sensitive receptors...*'

I'd recommend therefore that the transformer building is as described above, on this basis we have no further objections.

Regards

Neil

Neil Scott

Senior Pollution Control Officer

Service Delivery - Specialist Services - Environment

Ext.: 8304

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Father Christmas

**Saturday 9 - Sunday 31
December 2023**

at The Berry Theatre, Hedge End

From: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Sent: Tuesday, October 10, 2023 12:22 PM
To: Scott, Neil <Neil.Scott@eastleigh.gov.uk>
Subject: FW: Application X/23/94505

Hi Neil,

This application was deferred at committee with one of the reasons being substation noise and distance to the LEAP due to potential disturbance. In response to Jon's initial comments and your follow-up comments, does the attached alleviate concerns?

The appointed acoustician, Clarke Saunders, has liaised with UKPS (the supplying substation transformer company) and with their own experience and data in this field have compiled a letter confirming that noises from the substation will be minimal and not cause a detrimental effect to neighbouring properties.

In addition, the site layout 2 of 2 includes a dimensional confirmation of the distance between the furthest southerly point of the LEAP and the substation. Additional planting has been added along the southern edge of the LEAP to further shield the LEAP from the substation, as well as a hedgerow to the substation itself.

Please let me know your updated comments.

Thank you,
Rachael

Rachael Morris

Senior Planning Officer

Planning & Environment - Planning/Development Management

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