

**The Senior Executive Officer
Housing Department
South Dublin County Council
County Hall
Town Centre
Dublin 24**

**St. Martin's House / Waterloo Road / Dublin 4
Tel: +353 1 660 2511 / Fax: +353 1 668 0009**

Date 9th July 2008

Our Ref. EDMS 64721

Your Ref.

**Re: *Redevelopment of Existing Traveller Halting Site at
Turnpike, Tallaght, Dublin 24 – Part VIII***

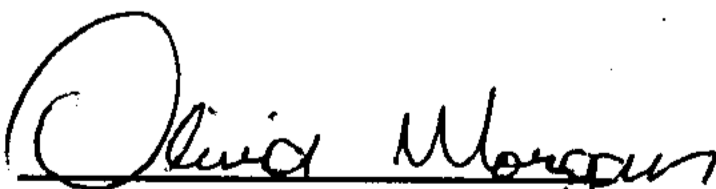
Dear Sir/Madam

I refer to your email of 23rd June 2008 regarding the above development of the existing halting site to accommodate three families at Turnpike, Tallaght. Dublin 24.

The Authority considers that the site of the proposed development is sensitive to noise and vibration impacts in view of its close proximity to M50 Junction 9. It is noted that the plans propose that planting will be provided as a means of mitigating the noise impact on the residents. The Authority has examined the drawings and notes that there is very little room for such a planted screen (a single row of trees is shown) that would be effective - experience shows that a significant number of rows of trees over a substantial breadth is required to achieve an effective noise barrier. No measures for mitigating vibration impacts are identified in the plans.

The Authority therefore, recommends that an appropriate noise and vibration assessment be carried out (in accordance with the "Environmental Assessment and Construction Guidelines" published by the NRA) by an experienced and qualified Acoustic Engineer. Such a noise and vibration assessment for the development should identify appropriate noise barriers and/or noise barrier-type cladding and windows for the dwellings. The Authority recommends that South Dublin County Council obtain the above mentioned further information and submit it to the Authority for observations prior to confirming approval of the development.

Yours faithfully


**Olivia Morgan
Programme & Regulatory Unit**